

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019115.D
 Acq On : 12 Mar 2019 17:05
 Operator : JU/SJ
 Sample : K1817-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B007-1-030619

Quant Time: Mar 13 03:53:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	236715	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1008012	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	652839	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1504666	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1444949	20.00	ng	0.00
87) Perylene-d12	23.51	264	1277071	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1264852	86.53	ng	0.00
7) Phenol-d6	6.84	99	1879396	87.90	ng	0.00
23) Nitrobenzene-d5	8.83	82	1132112	53.09	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	793363	82.31	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2301162	45.85	ng	0.00
79) Terphenyl-d14	19.71	244	3568495	49.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	213	0.033	ng	# 1
3) Pyridine	3.60	79	113	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.55	42	171	0.031	ng	# 1
9) Benzaldehyde	6.85	77	4852	0.361	ng	# 6
10) Phenol	6.87	94	54370	2.360	ng	# 94
15) Benzyl Alcohol	7.97	79	17604	0.995	ng	# 45
22) Acetophenone	8.51	105	146	0.005	ng	# 57
24) Nitrobenzene	8.83	77	4179	0.188	ng	# 39
25) Isophorone	9.40	82	408	0.010	ng	# 68
31) Naphthalene	10.49	128	128	0.002	ng	# 69
46) 1,1'-Biphenyl	13.15	154	2904	0.051	ng	# 84
50) Dimethylphthalate	13.79	163	210809	3.775	ng	# 100
51) 2,6-Dinitrotoluene	13.83	165	251	0.021	ng	# 20
52) Acenaphthene	14.38	154	503	0.012	ng	# 49
55) Dibenzofuran	14.74	168	305	0.005	ng	# 45
58) Fluorene	15.38	166	554	0.010	ng	# 94
60) Diethylphthalate	15.16	149	1179	0.021	ng	# 60
63) Azobenzene	15.70	77	255	0.004	ng	# 56
71) Phenanthrene	17.12	178	17242	0.196	ng	# 96
72) Anthracene	17.22	178	3344	0.039	ng	# 67
73) Carbazole	17.51	167	967	0.012	ng	# 59
74) Di-n-butylphthalate	18.04	149	2971	0.030	ng	# 85
75) Fluoranthene	19.14	202	25536	0.252	ng	# 96
78) Pyrene	19.50	202	22977	0.251	ng	# 98
80) Butylbenzylphthalate	20.41	149	622	0.016	ng	# 90
81) Benzo(a)anthracene	21.26	228	17089	0.189	ng	# 96
82) 3,3'-Dichlorobenzidine	21.18	252	114	0.003	ng	# 25
83) Chrysene	21.30	228	10876	0.124	ng	# 98
84) Bis(2-ethylhexyl)phthalate	21.17	149	1965	0.034	ng	# 97
85) Di-n-octyl phthalate	22.06	149	1041	0.011	ng	# 67
86) Indeno(1,2,3-cd)pyrene	25.79	276	4273	0.045	ng	# 58
88) Benzo(b)fluoranthene	22.84	252	18165	0.220	ng	# 66
89) Benzo(k)fluoranthene	22.84	252	17603	0.231	ng	# 66
90) Benzo(a)pyrene	23.42	252	8366	0.112	ng	# 58

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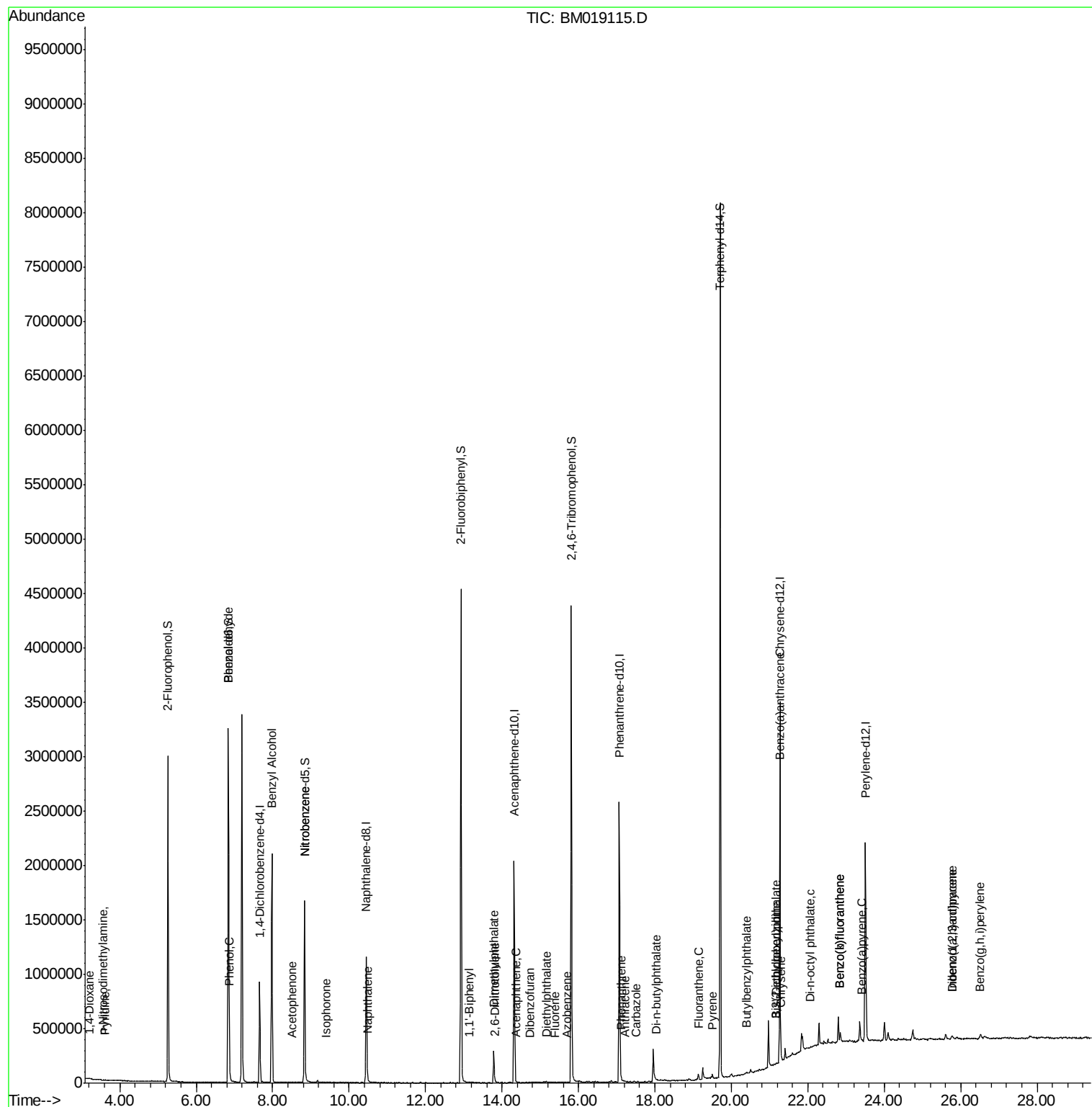
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Dibenzo(a,h)anthracene	25.79	278	1300	0.018	ng	# 56
92) Benzo(g,h,i)perylene	26.49	276	4182	0.064	ng	96

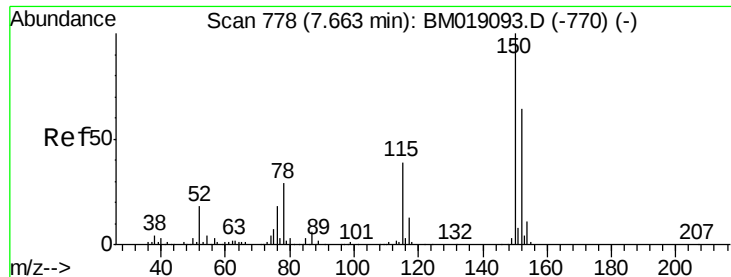
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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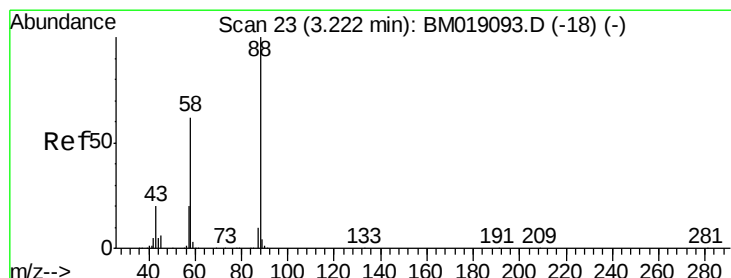
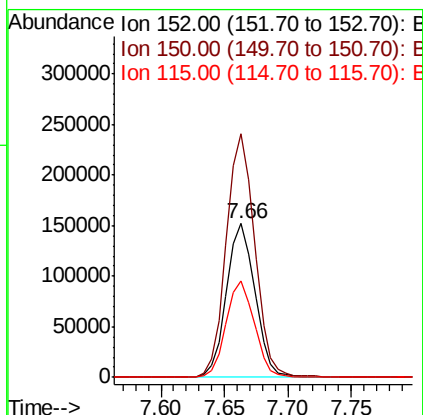
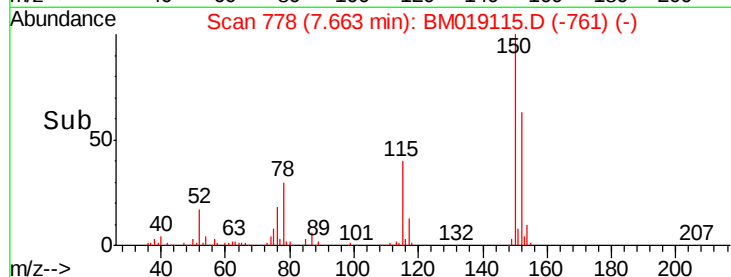
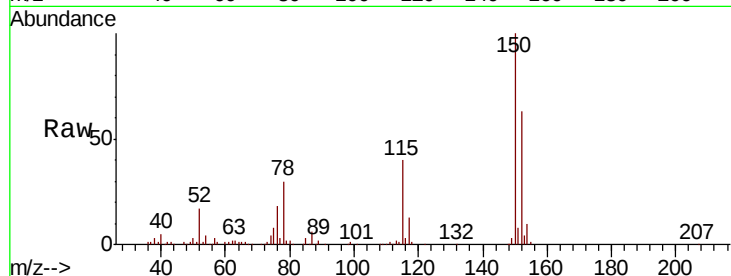


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

Instrument :
BNA_M
ClientSampleId :
PST-028-B007-1-030619

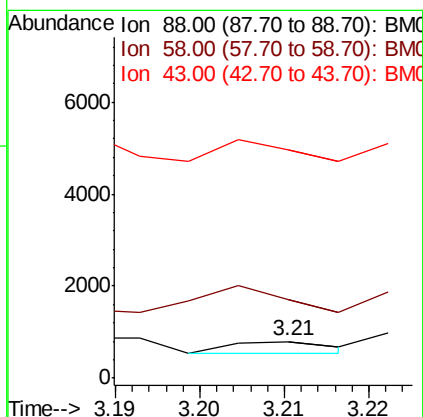
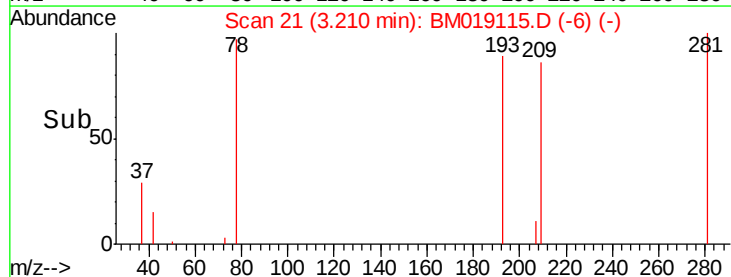
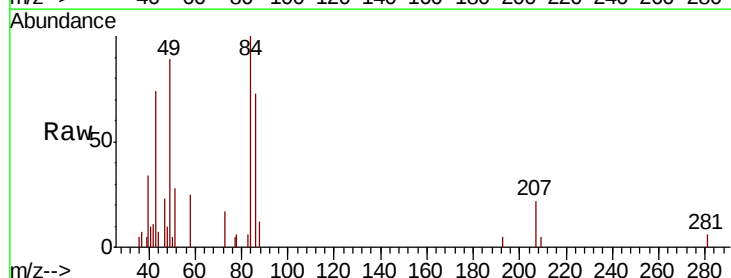
Tot Ion:152 Resp: 236715
Ion Ratio Lower Upper
152 100
150 158.5 125.3 187.9
115 62.6 49.4 74.0

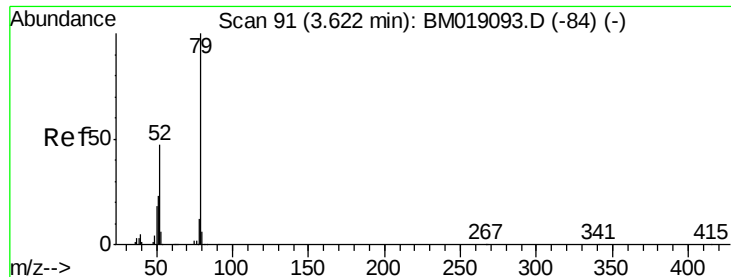


#2

1,4-Dioxane
Concen: 0.033 ng
RT: 3.21 min Scan# 21
Delta R.T. -0.01 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

Tgt Ion: 88 Resp: 213
Ion Ratio Lower Upper
88 100
58 179.8 50.0 75.0#
43 141.3 17.0 25.4#

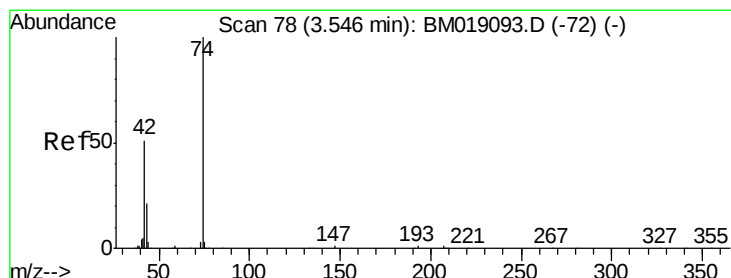
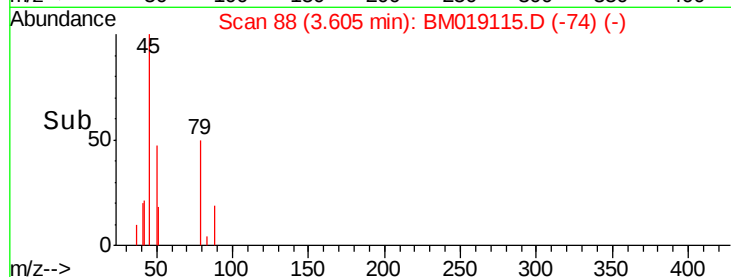
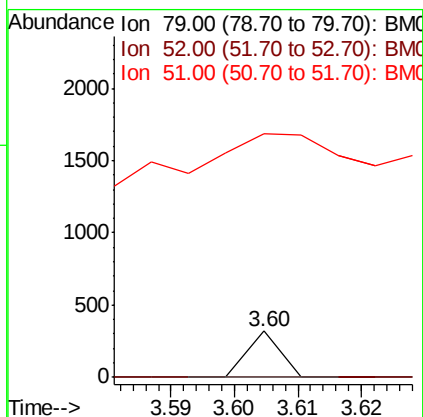
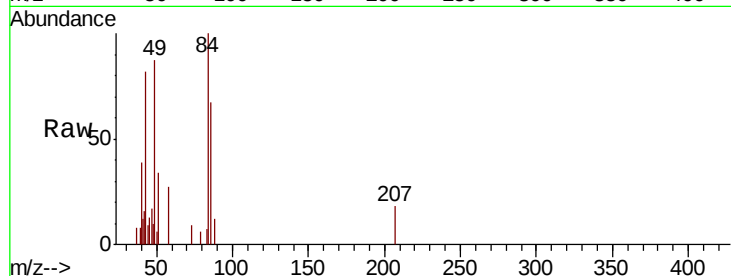




#3
 Pvridine
 Concen: 0.006 ng
 RT: 3.60 min Scan# 88
 Delta R.T. -0.02 min
 Lab File: BM019115.D
 Acq: 12 Mar 2019 17:05

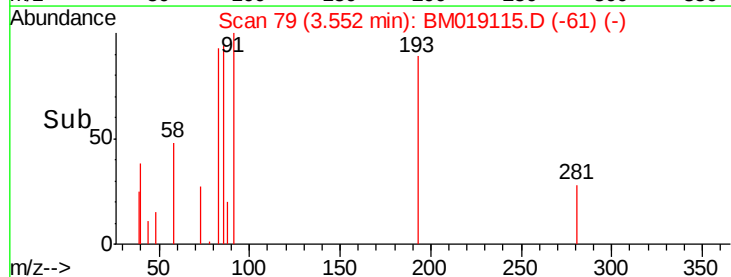
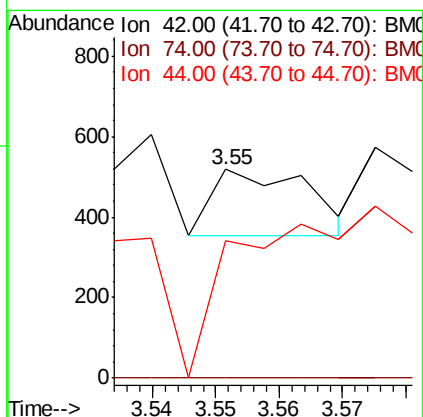
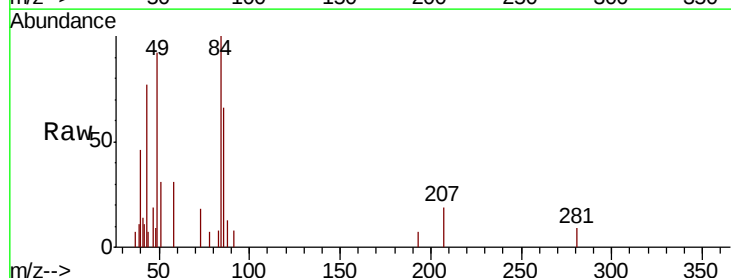
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B007-1-030619

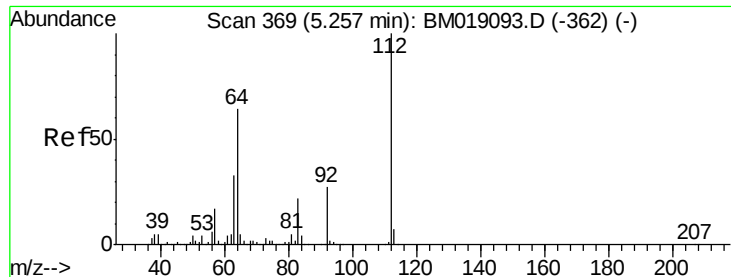
Tot Ion: 79 Resp: 113
 Ion Ratio Lower Upper
 79 100
 52 0.0 37.5 56.3#
 51 528.5 19.2 28.8#



#4
 n-Nitrosodimethylamine
 Concen: 0.031 ng
 RT: 3.55 min Scan# 79
 Delta R.T. 0.01 min
 Lab File: BM019115.D
 Acq: 12 Mar 2019 17:05

Tgt Ion: 42 Resp: 171
 Ion Ratio Lower Upper
 42 100
 74 0.0 156.3 234.5#
 44 65.9 4.6 7.0#





#5

2-Fluorophenol

Concen: 86.534 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

Instrument :

BNA_M

ClientSampleId :

PST-028-B007-1-030619

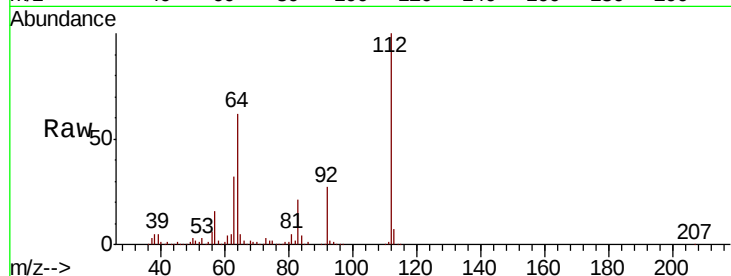
Tot Ion:112 Resp: 1264852

Ion Ratio Lower Upper

112 100

64 61.7 51.4 77.0

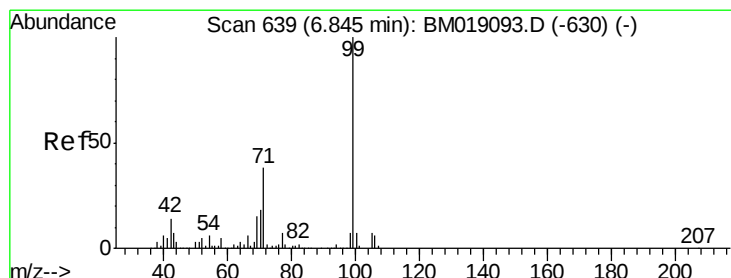
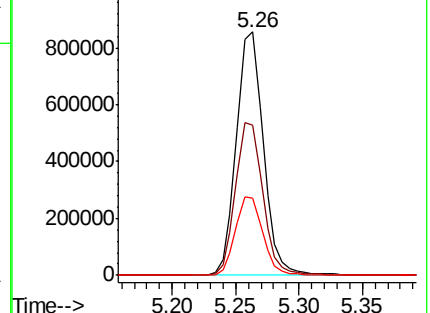
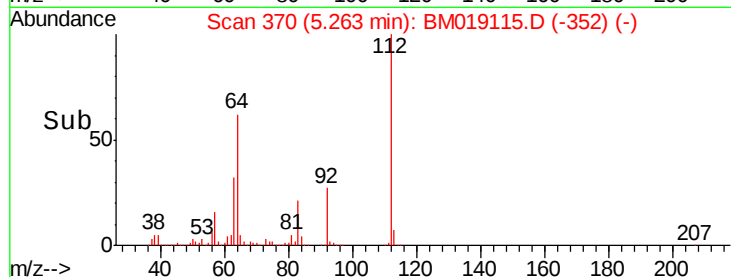
63 31.9 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 87.904 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

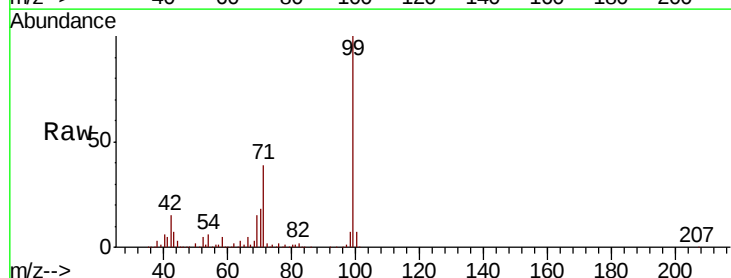
Tgt Ion: 99 Resp: 1879396

Ion Ratio Lower Upper

99 100

42 14.6 10.9 16.3

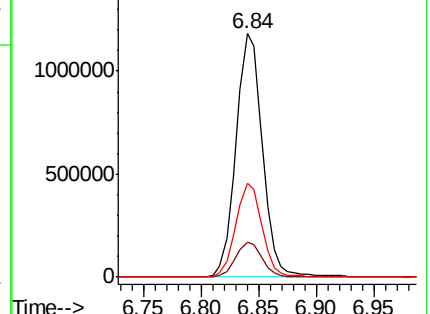
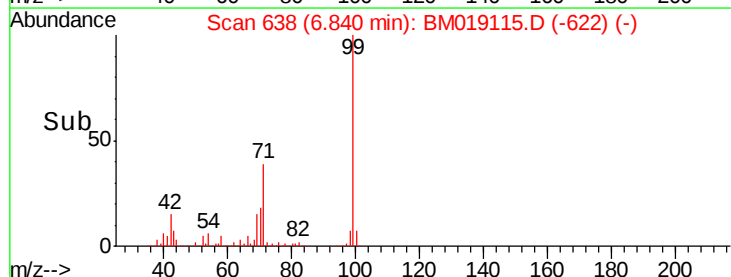
71 38.8 30.3 45.5

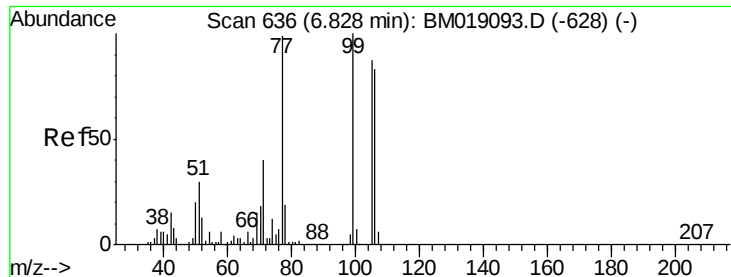


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 0.361 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.02 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

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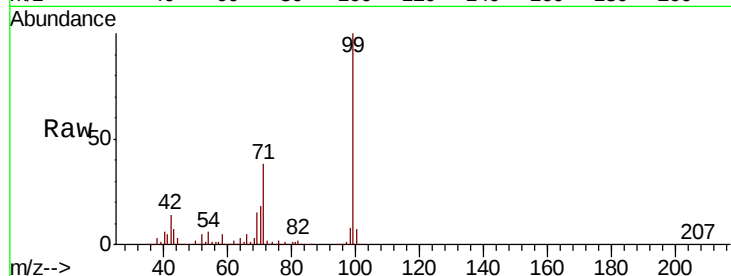
Tot Ion: 77 Resp: 4852

Ion Ratio Lower Upper

77 100

105 0.0 67.7 107.7#

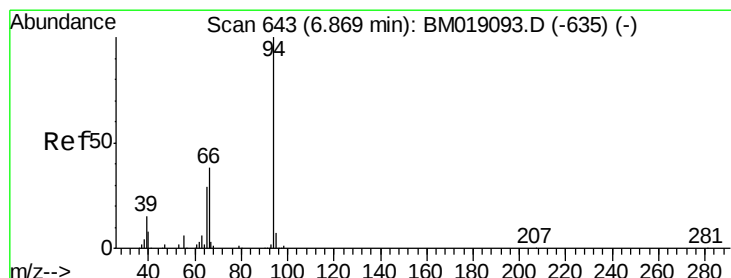
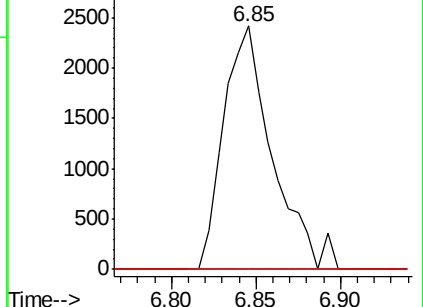
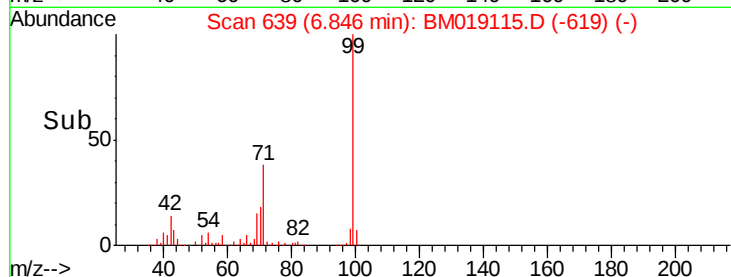
106 0.0 64.1 104.1#



Abundance Ion 77.00 (76.70 to 77.70): BM019115.D (-619) (-)

Ion 105.00 (104.70 to 105.70): BM019115.D (-619) (-)

Ion 106.00 (105.70 to 106.70): BM019115.D (-619) (-)



#10

Phenol

Concen: 2.360 ng

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

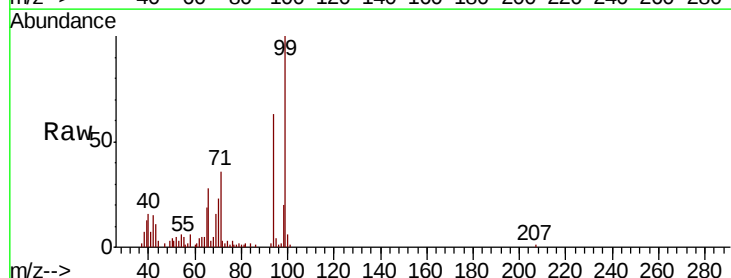
Tgt Ion: 94 Resp: 54370

Ion Ratio Lower Upper

94 100

65 30.8 9.7 49.7

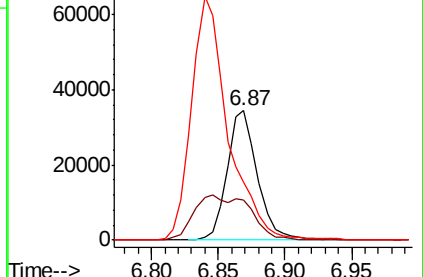
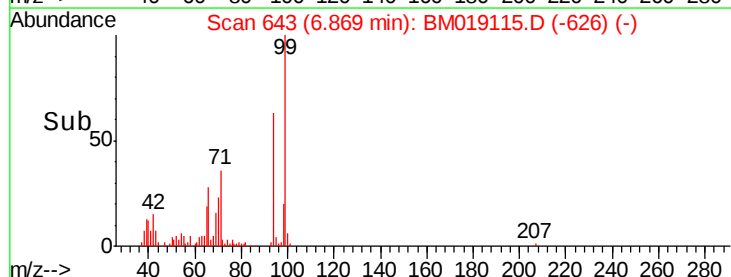
66 44.7 19.2 59.2

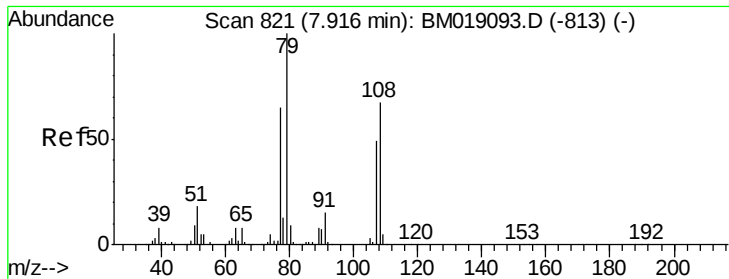


Abundance Ion 94.00 (93.70 to 94.70): BM019115.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM019115.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM019115.D (-626) (-)





#15

Benzyl Alcohol

Concen: 0.995 ng

RT: 7.97 min Scan# 831

Delta R.T. 0.06 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

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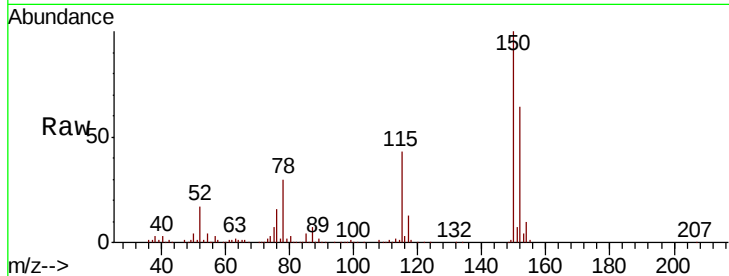
Tot Ion: 79 Resp: 17604

Ion Ratio Lower Upper

79 100

108 28.8 53.7 80.5#

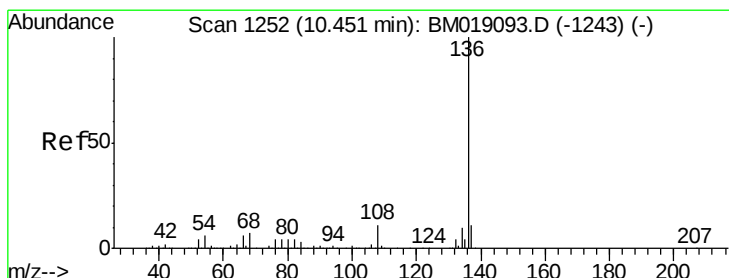
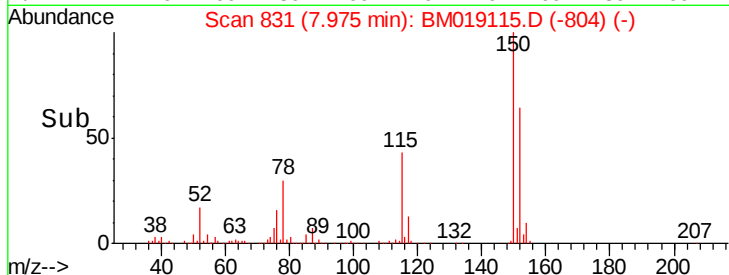
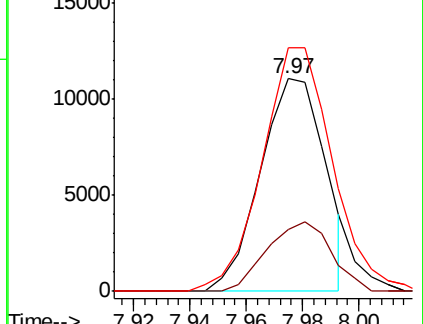
77 114.5 51.8 77.8#



Abundance Ion 79.00 (78.70 to 79.70): BM019115.D (-804) (-)

Ion 108.00 (107.70 to 108.70): BM019115.D (-804) (-)

Ion 77.00 (76.70 to 77.70): BM019115.D (-804) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

Tgt Ion: 136 Resp: 1008012

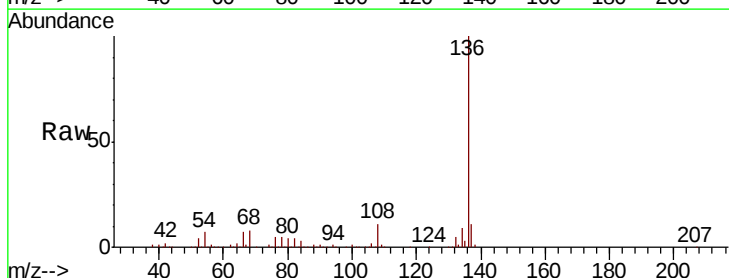
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.9 5.2 7.8

68 7.7 5.8 8.8

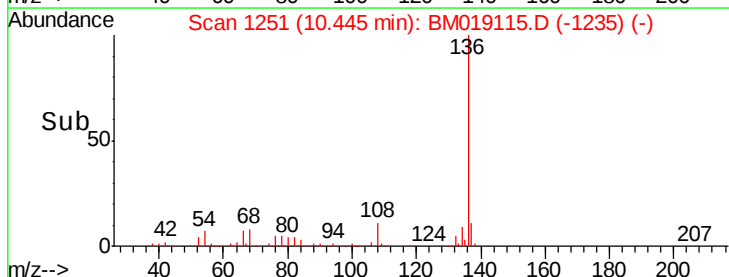
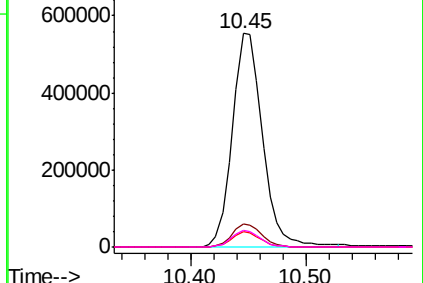


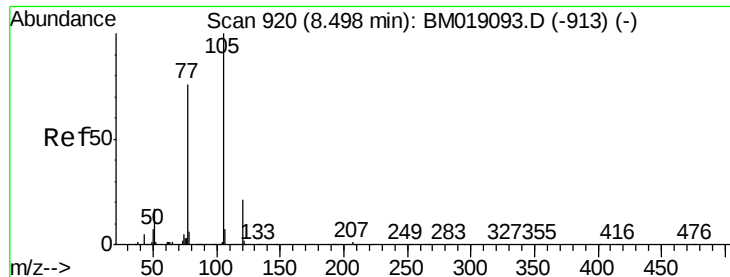
Abundance Ion 136.00 (135.70 to 136.70): BM019115.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM019115.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019115.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019115.D (-1235) (-)





#22

Acetophenone

Concen: 0.005 ng

RT: 8.51 min Scan# 922

Delta R.T. 0.01 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

Instrument :

BNA_M

ClientSampleId :

PST-028-B007-1-030619

Tot Ion:105 Resp: 146

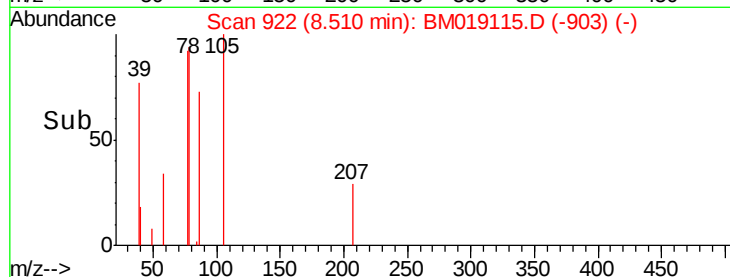
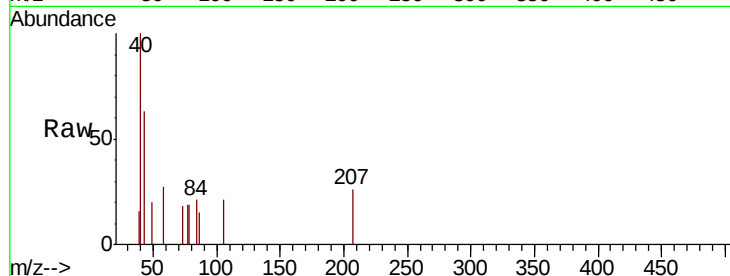
Ion Ratio Lower Upper

105 100

71 0.0 0.8 1.2#

51 0.0 15.8 23.6#

120 0.0 17.0 25.4#



Abundance Ion 105.00 (104.70 to 105.70): E

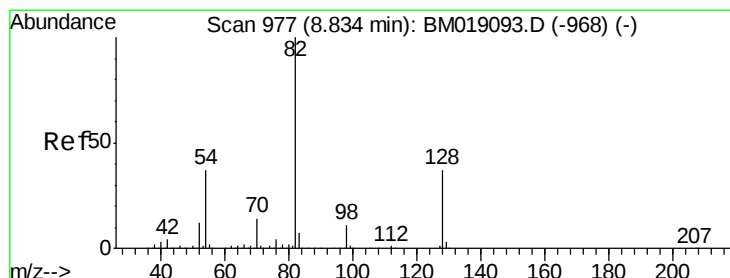
Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E

Time-->

8.49 8.50 8.51 8.52 8.53



#23

Nitrobenzene-d5

Concen: 53.090 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

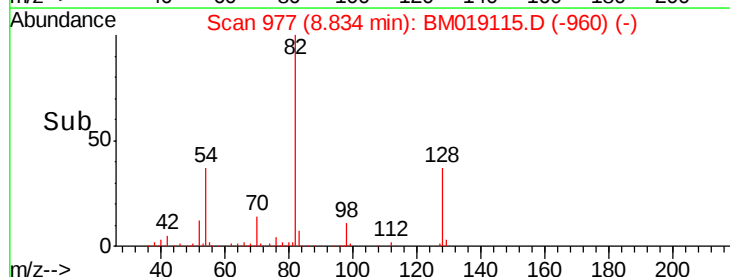
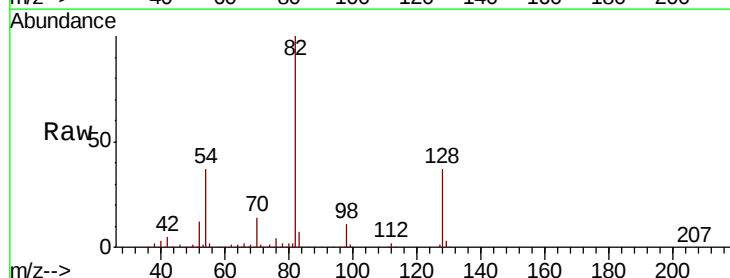
Tgt Ion: 82 Resp: 1132112

Ion Ratio Lower Upper

82 100

128 37.1 29.4 44.2

54 37.0 29.9 44.9



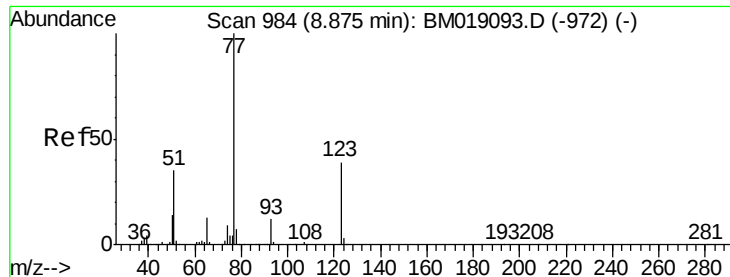
Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

Time-->

8.75 8.80 8.85 8.90



#24

Nitrobenzene

Concen: 0.188 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.04 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

Instrument :

BNA_M

ClientSampleId :

PST-028-B007-1-030619

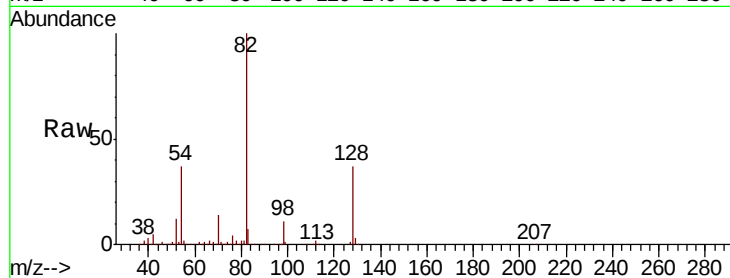
Tot Ion: 77 Resp: 4179

Ion Ratio Lower Upper

77 100

123 0.0 31.3 46.9#

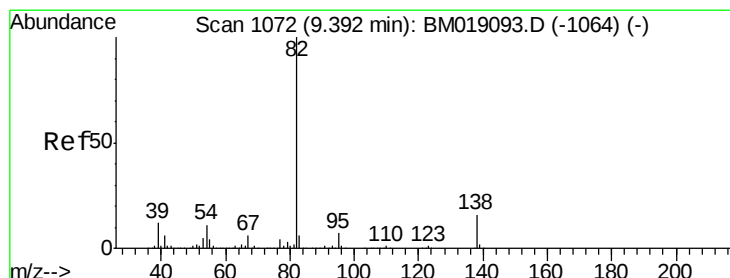
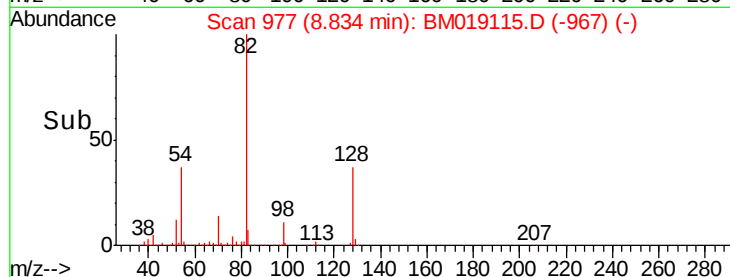
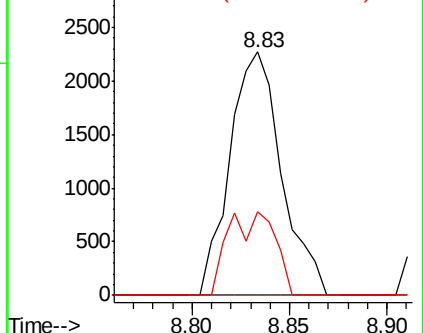
65 34.4 10.5 15.7#



Abundance Ion 77.00 (76.70 to 77.70): BM019115.D (-967) (-)

Ion 123.00 (122.70 to 123.70): BM019115.D (-967) (-)

Ion 65.00 (64.70 to 65.70): BM019115.D (-967) (-)



#25

Isophorone

Concen: 0.010 ng

RT: 9.40 min Scan# 1074

Delta R.T. 0.01 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

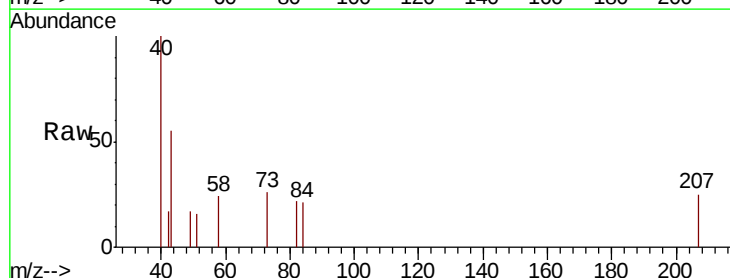
Tgt Ion: 82 Resp: 408

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

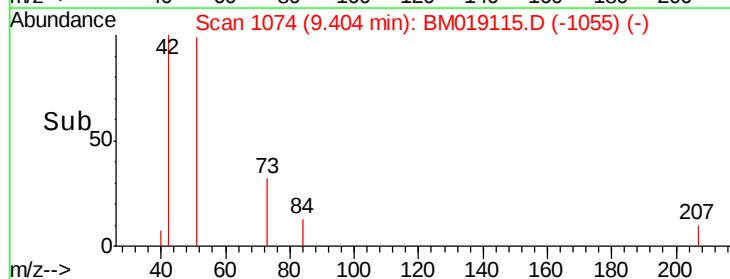
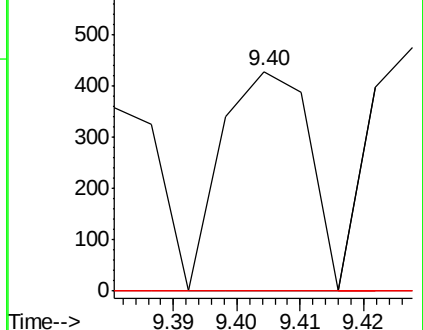
138 0.0 12.6 18.8#

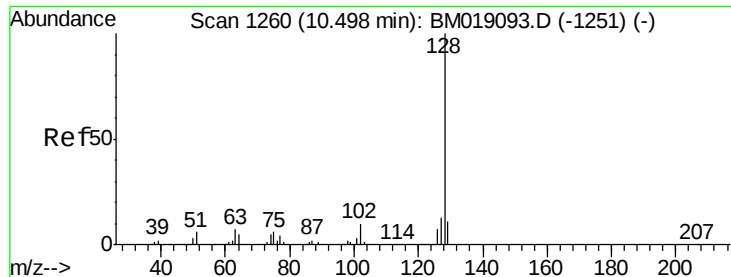


Abundance Ion 82.00 (81.70 to 82.70): BM019115.D (-1055) (-)

Ion 95.00 (94.70 to 95.70): BM019115.D (-1055) (-)

Ion 138.00 (137.70 to 138.70): BM019115.D (-1055) (-)

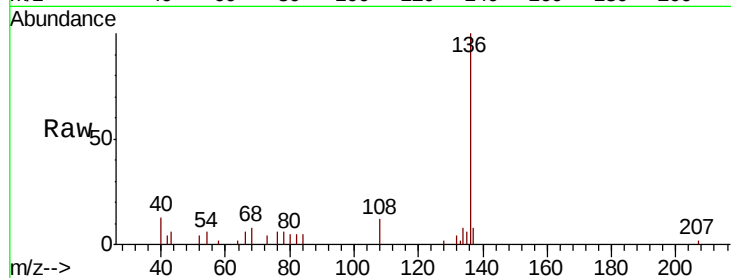




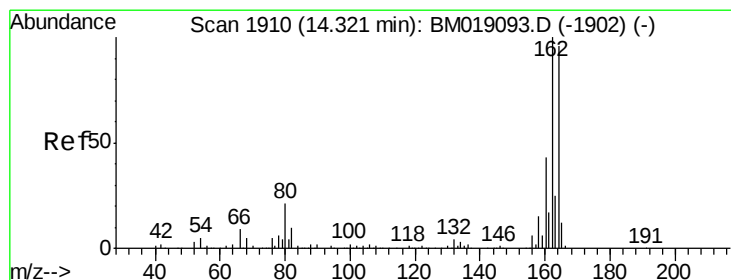
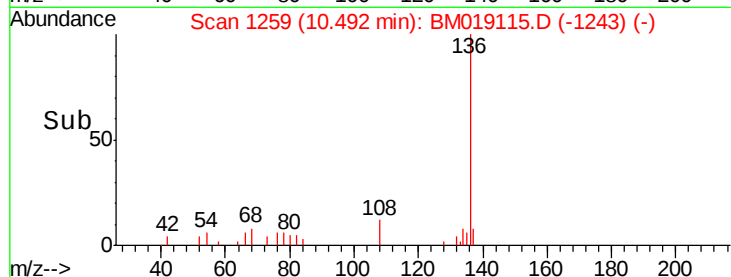
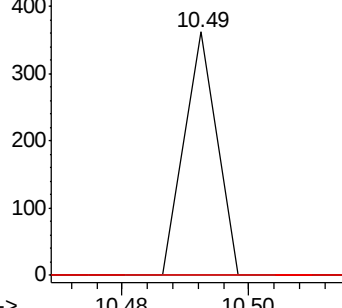
#31
Naphthalene
Concen: 0.002 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

Instrument :
BNA_M
ClientSampleId :
PST-028-B007-1-030619

Tot Ion:128 Resp: 128
Ion Ratio Lower Upper
128 100
129 0.0 8.6 13.0#
127 0.0 10.4 15.6#

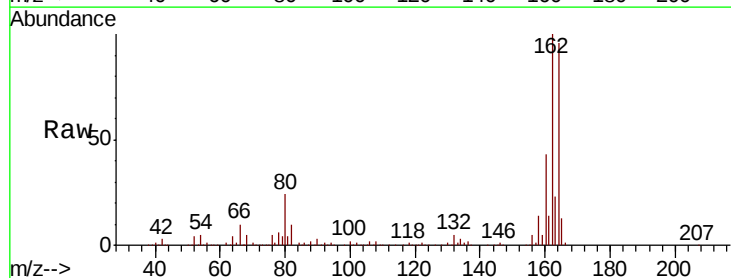


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

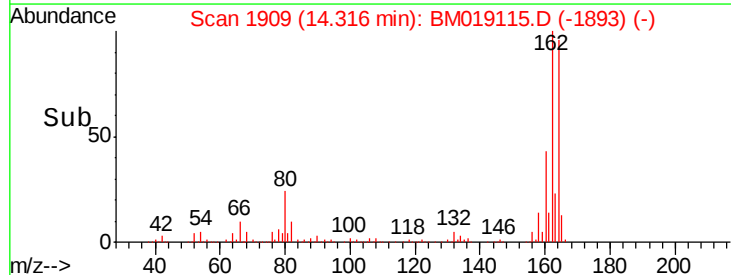
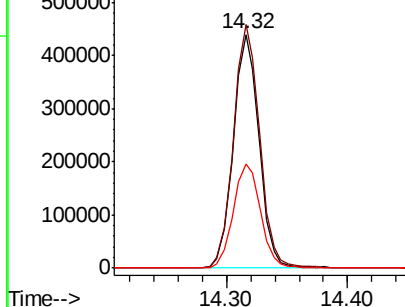


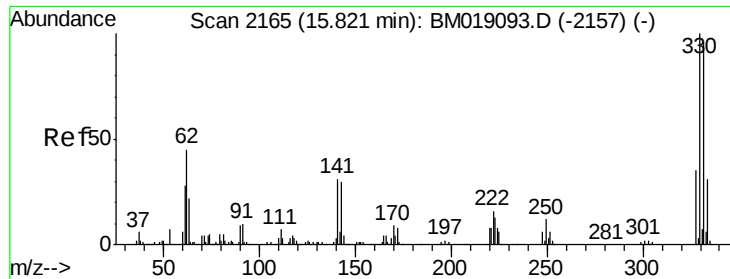
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

Tgt Ion:164 Resp: 652839
Ion Ratio Lower Upper
164 100
162 104.2 83.5 125.3
160 44.8 36.3 54.5



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

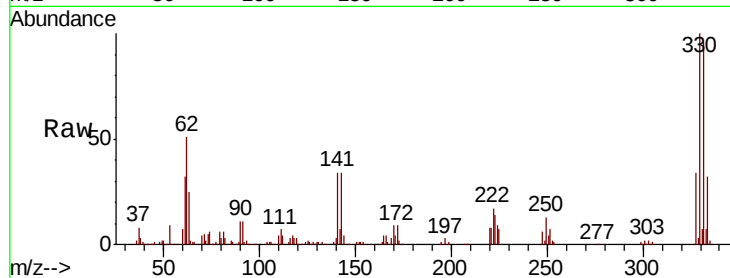




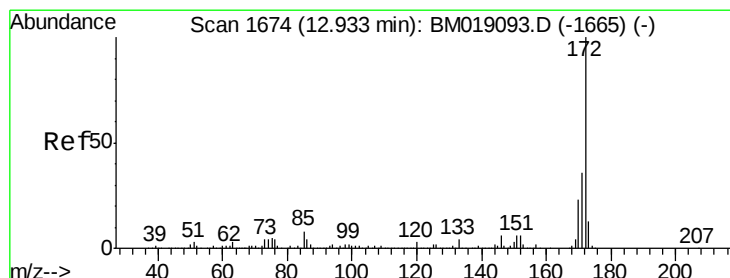
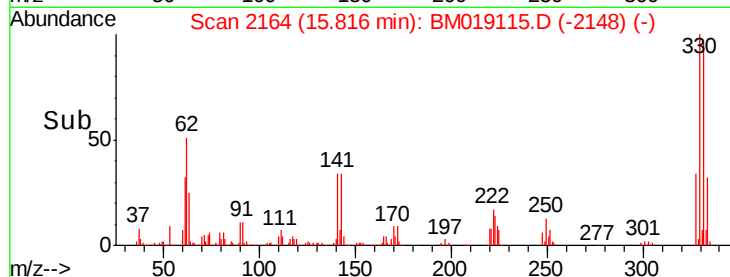
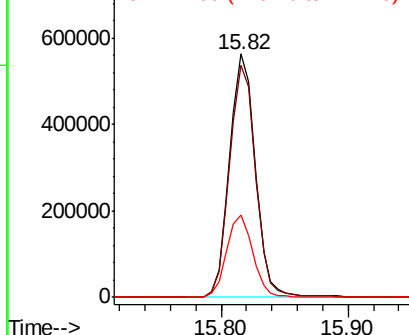
#42
 2,4,6-Tribromophenol
 Concen: 82.308 ng
 RT: 15.82 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BM019115.D
 Acq: 12 Mar 2019 17:05

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B007-1-030619

Tot Ion:330 Resp: 793363
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 34.5 27.0 40.4

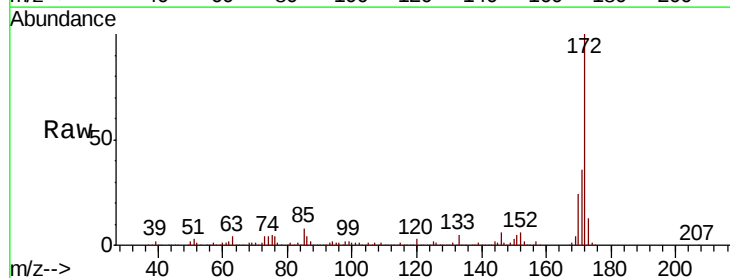


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

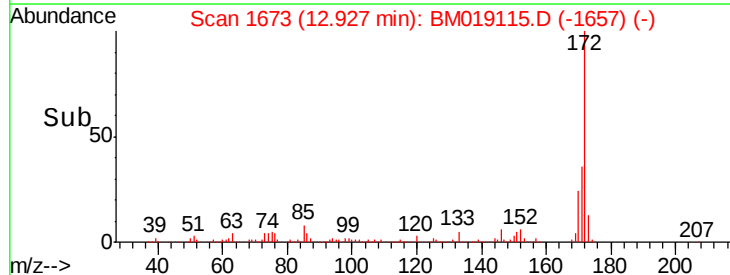
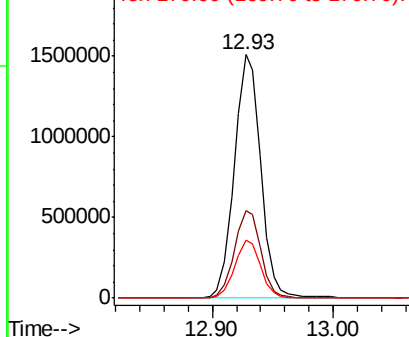


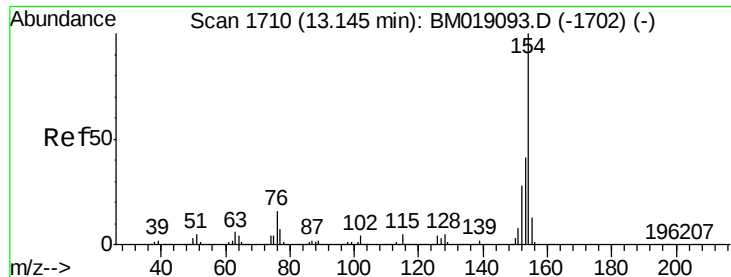
#45
 2-Fluorobiphenyl
 Concen: 45.850 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM019115.D
 Acq: 12 Mar 2019 17:05

Tgt Ion:172 Resp: 2301162
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 23.8 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

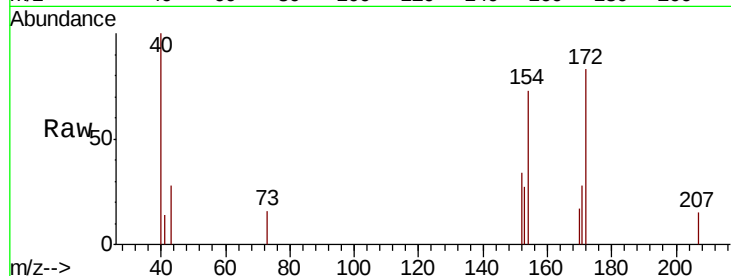




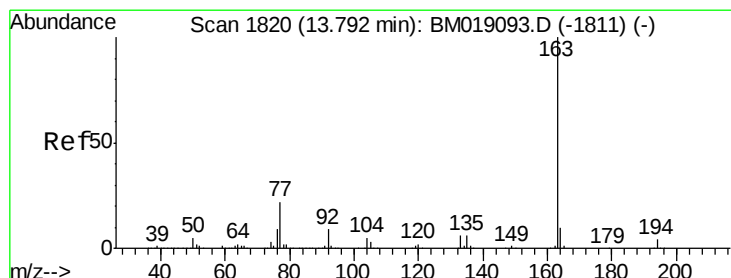
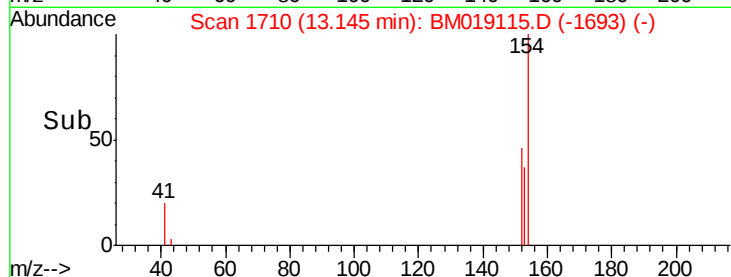
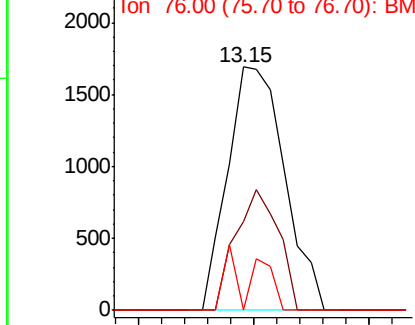
#46
 1,1'-Biphenyl
 Concen: 0.051 ng
 RT: 13.15 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BM019115.D
 Acq: 12 Mar 2019 17:05

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B007-1-030619

Tot Ion	Ratio	Lower	Upper
154	100		
153	36.5	21.5	61.5
76	0.0	0.0	35.8

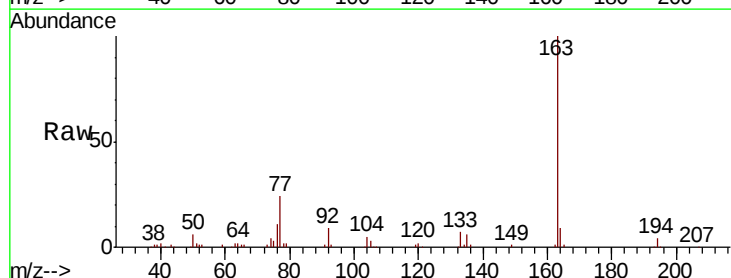


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

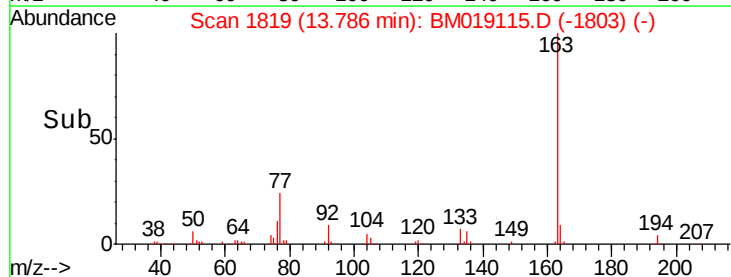
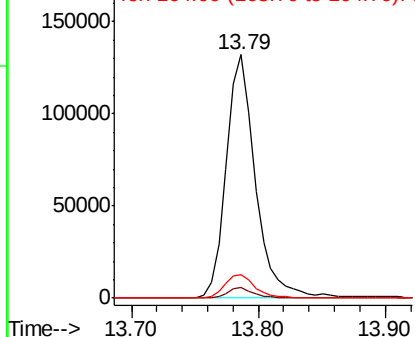


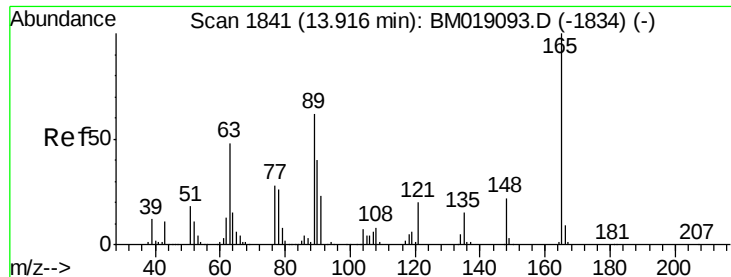
#50
 Dimethylphthalate
 Concen: 3.775 ng
 RT: 13.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BM019115.D
 Acq: 12 Mar 2019 17:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.4	7.7	11.5



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

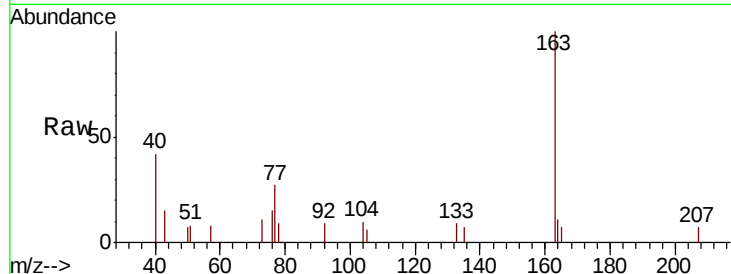




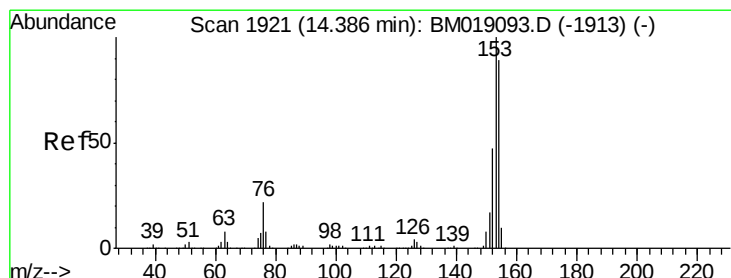
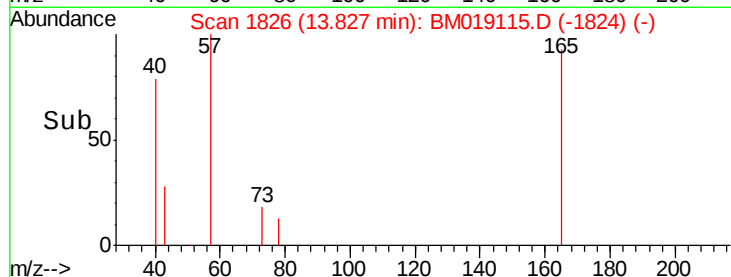
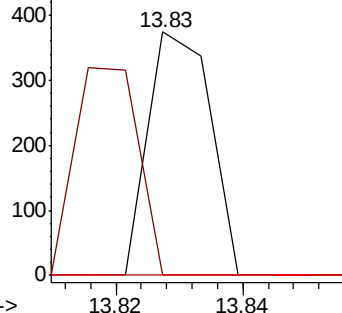
#51
2,6-Dinitrotoluene
Concen: 0.021 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.09 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

Instrument :
BNA_M
ClientSampleId :
PST-028-B007-1-030619

Tot Ion:165 Resp: 251
Ion Ratio Lower Upper
165 100
63 0.0 48.2 72.4#
89 0.0 49.3 73.9#

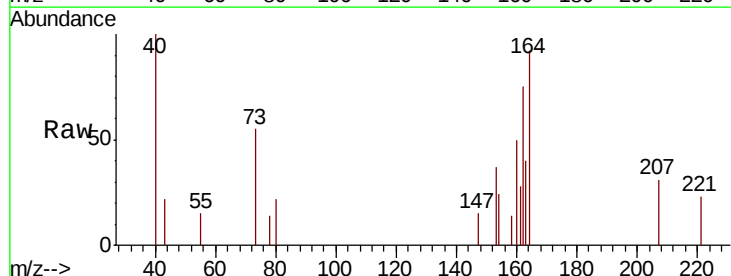


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM019115.D (-1824) (-)
Ion 89.00 (88.70 to 89.70): BM019115.D (-1824) (-)

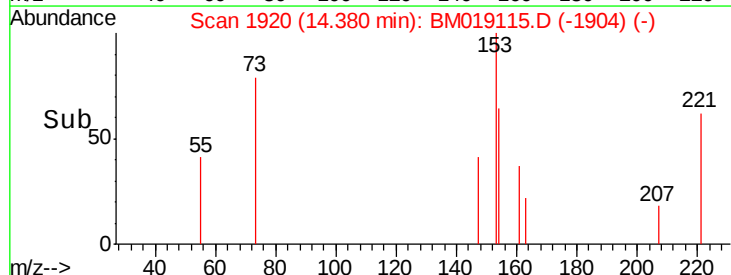
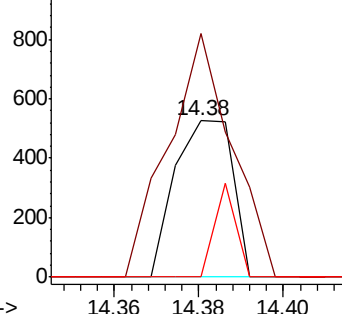


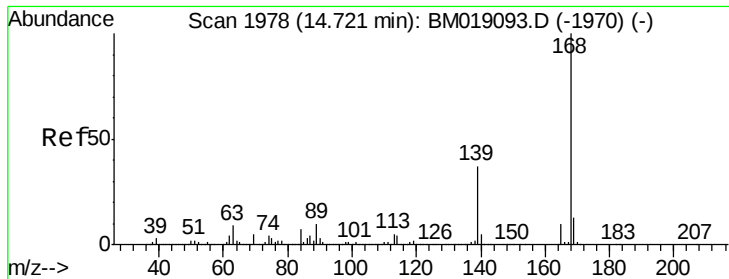
#52
Acenaphthene
Concen: 0.012 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

Tgt Ion:154 Resp: 503
Ion Ratio Lower Upper
154 100
153 155.9 90.1 135.1#
152 0.0 42.5 63.7#



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

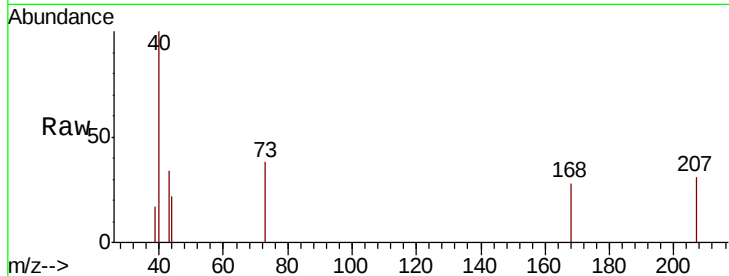




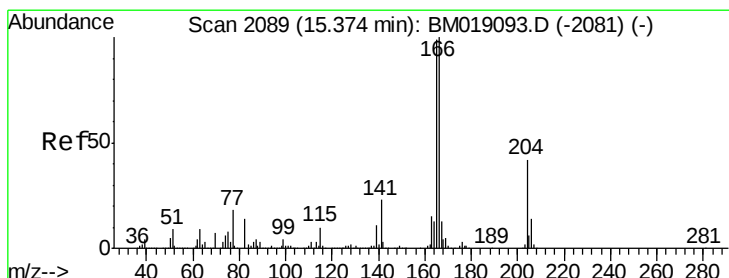
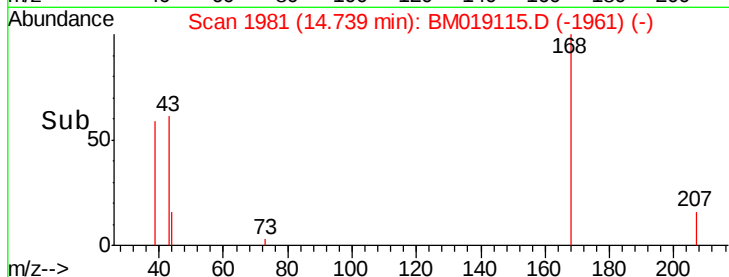
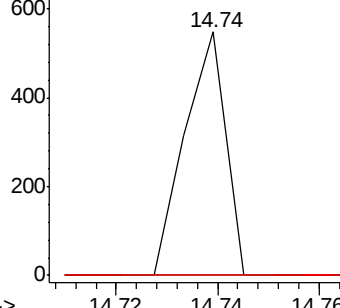
#55
Dibenzofuran
Concen: 0.005 ng
RT: 14.74 min Scan# 1981
Delta R.T. 0.02 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

Instrument :
BNA_M
ClientSampleId :
PST-028-B007-1-030619

Tot Ion:168 Resp: 305
Ion Ratio Lower Upper
168 100
139 0.0 30.1 45.1#
169 0.0 10.6 16.0#

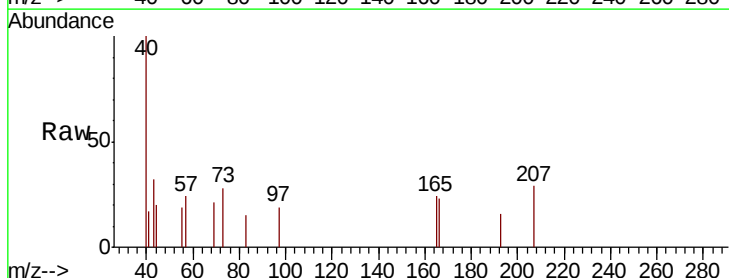


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

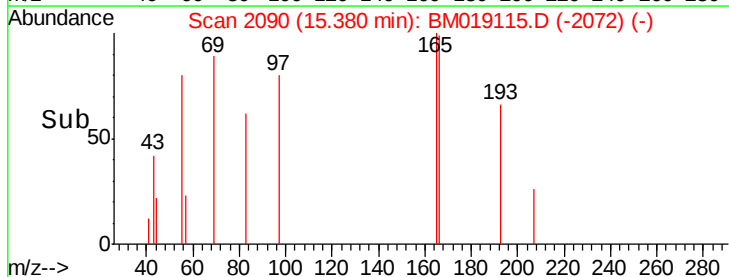
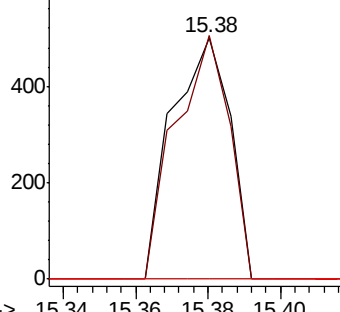


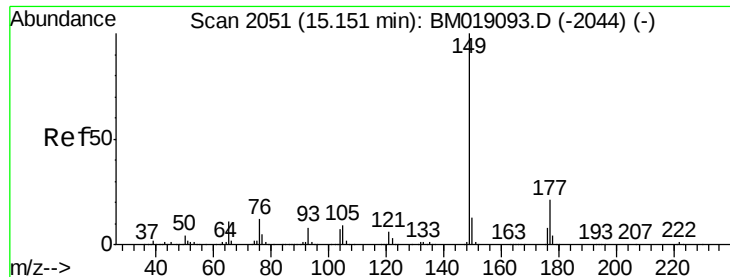
#58
Fluorene
Concen: 0.010 ng
RT: 15.38 min Scan# 2090
Delta R.T. 0.01 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

Tgt Ion:166 Resp: 554
Ion Ratio Lower Upper
166 100
165 100.8 79.0 118.4
167 0.0 10.8 16.2#



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

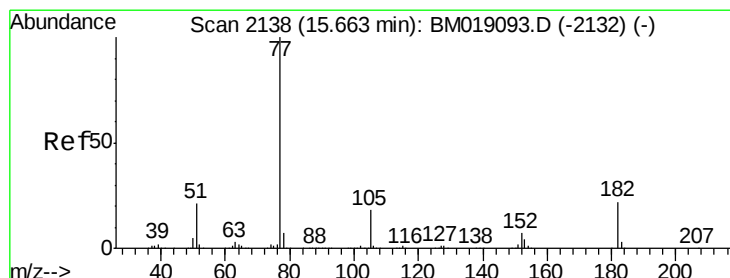
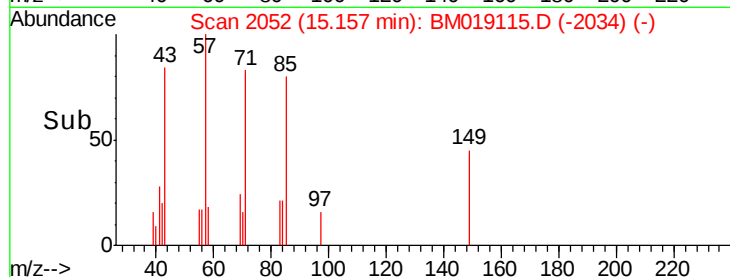
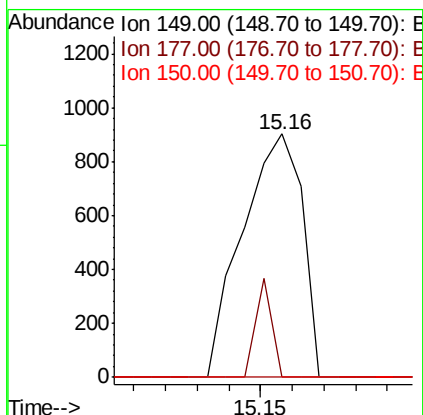
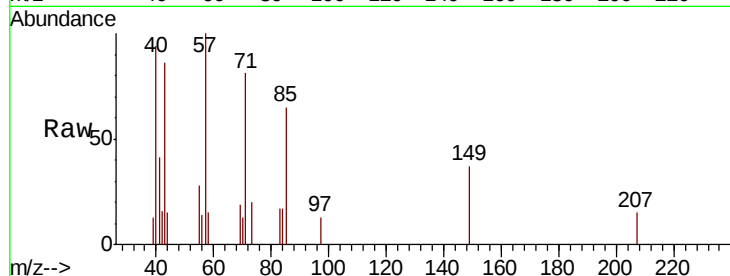




#60
Diethylphthalate
Concen: 0.021 ng
RT: 15.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

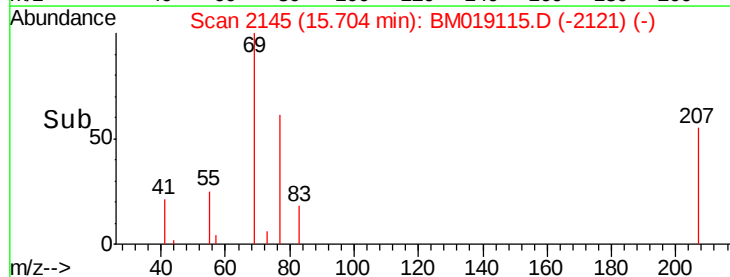
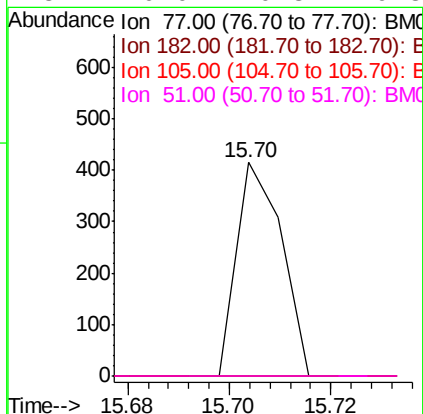
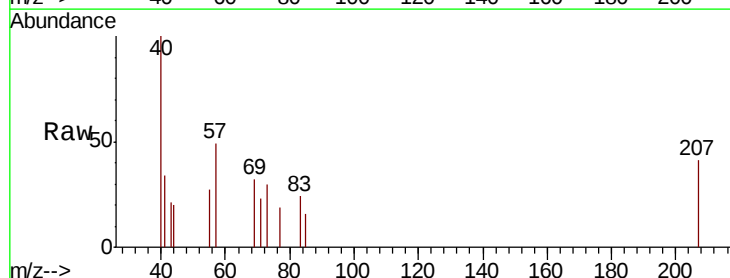
Instrument :
BNA_M
ClientSampleId :
PST-028-B007-1-030619

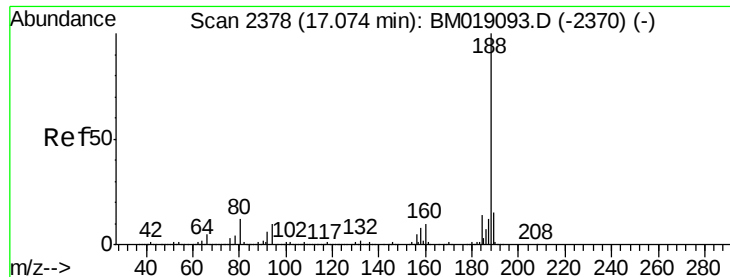
Tot Ion: 149 Resp: 1179
Ion Ratio Lower Upper
149 100
177 0.0 17.0 25.6#
150 0.0 10.2 15.4#



#63
Azobenzene
Concen: 0.004 ng
RT: 15.70 min Scan# 2145
Delta R.T. 0.04 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

Tgt Ion: 77 Resp: 255
Ion Ratio Lower Upper
77 100
182 0.0 1.8 41.8#
105 0.0 0.0 38.3
51 0.0 0.8 40.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

Instrument :

BNA_M

ClientSampleId :

PST-028-B007-1-030619

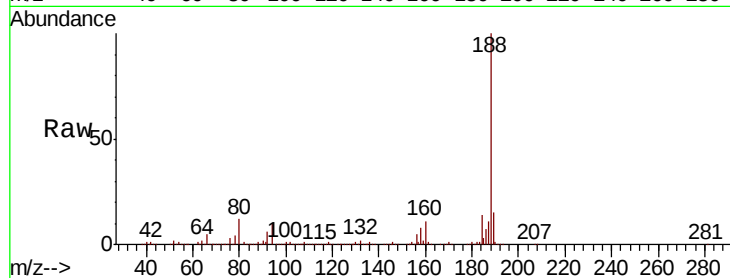
Tot Ion:188 Resp: 1504666

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

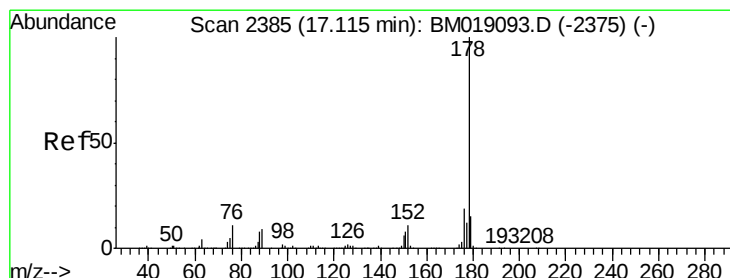
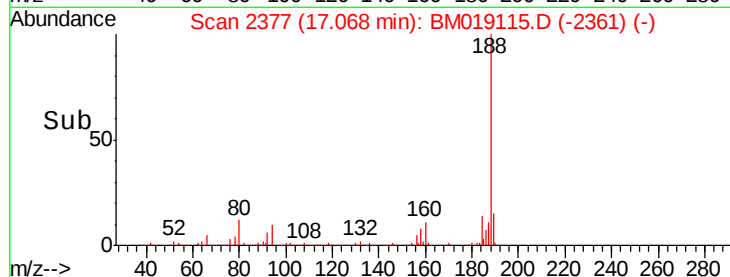
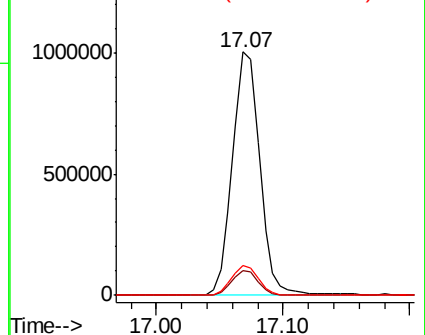
80 12.5 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 0.196 ng

RT: 17.12 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

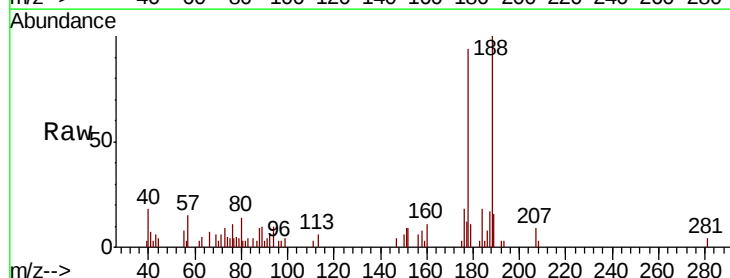
Tgt Ion:178 Resp: 17242

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

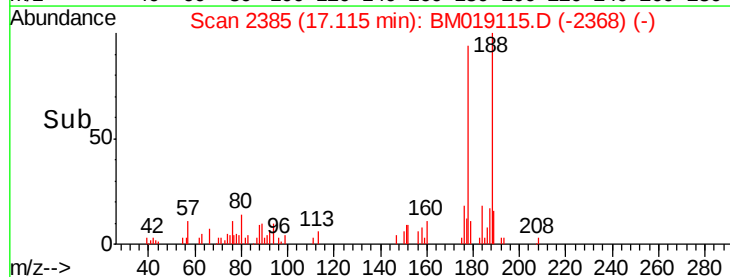
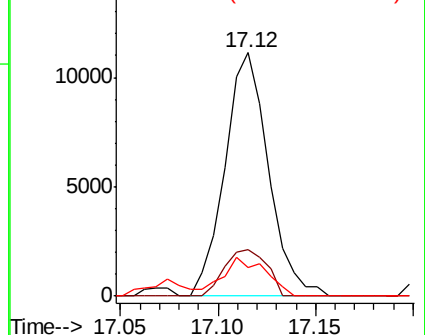
179 11.9 12.2 18.2#

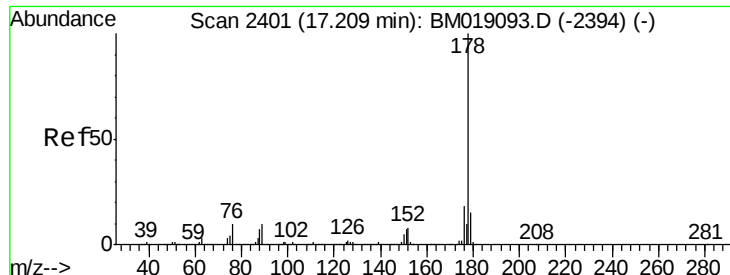


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

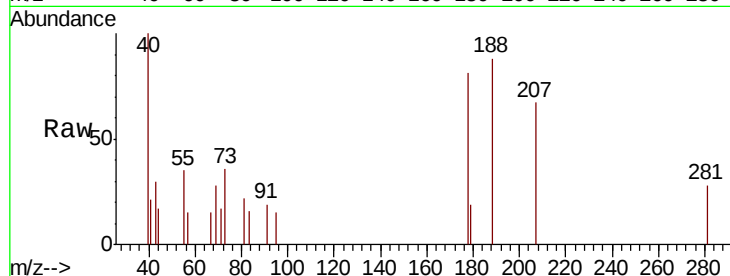




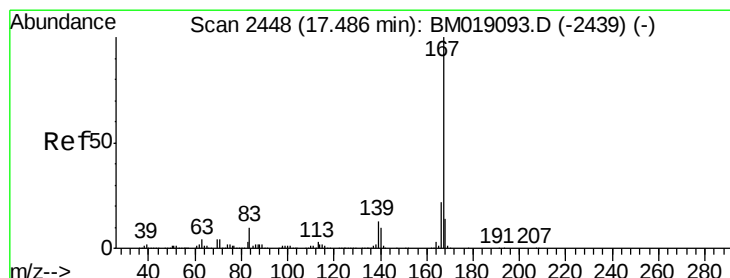
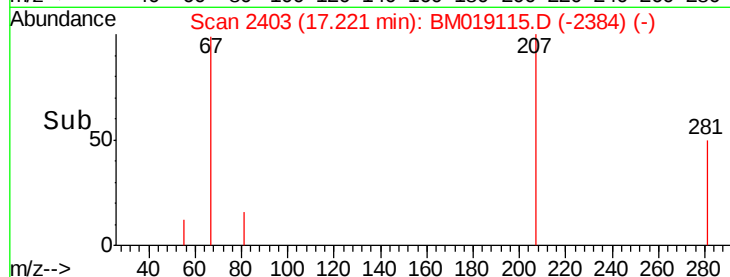
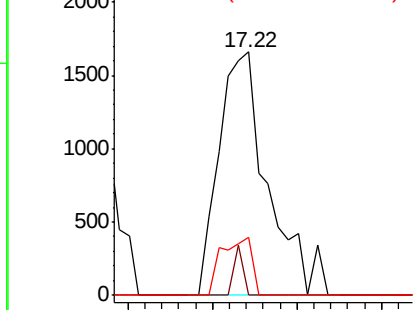
#72
 Anthracene
 Concen: 0.039 ng
 RT: 17.22 min Scan# 2403
 Delta R.T. 0.01 min
 Lab File: BM019115.D
 Acq: 12 Mar 2019 17:05

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B007-1-030619

Tot Ion:178 Resp: 3344
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.6 22.0#
 179 24.0 11.9 17.9#

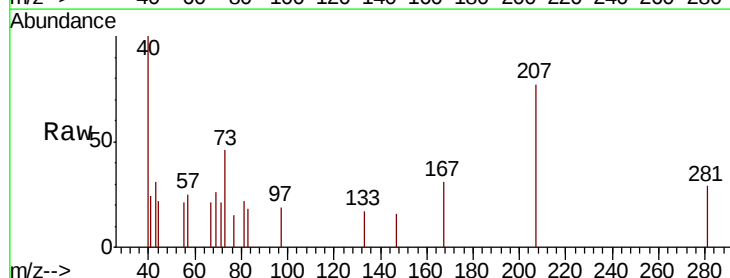


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

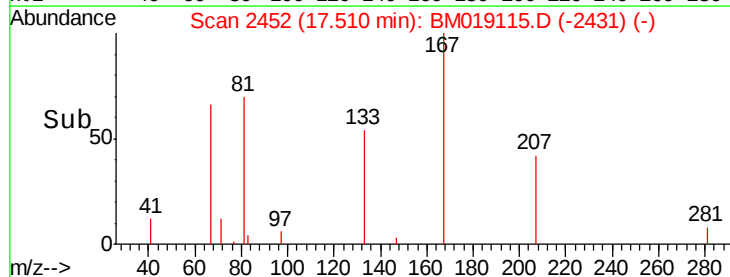
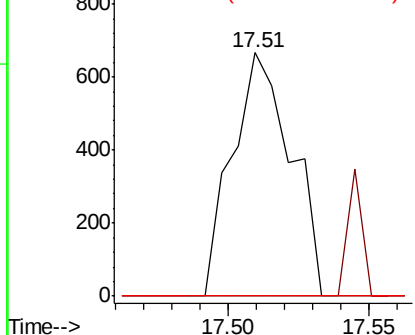


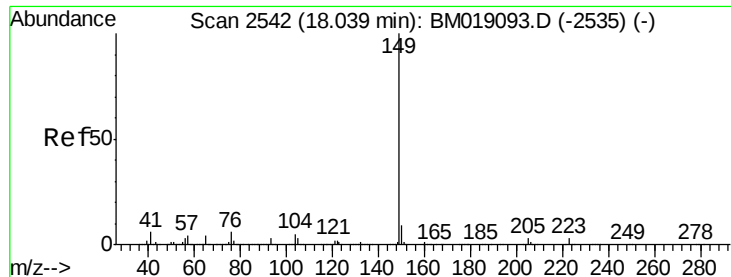
#73
 Carbazole
 Concen: 0.012 ng
 RT: 17.51 min Scan# 2452
 Delta R.T. 0.02 min
 Lab File: BM019115.D
 Acq: 12 Mar 2019 17:05

Tgt Ion:167 Resp: 967
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.8 26.8#
 139 0.0 10.5 15.7#



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: 0.030 ng

RT: 18.04 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

Instrument :

BNA_M

ClientSampleId :

PST-028-B007-1-030619

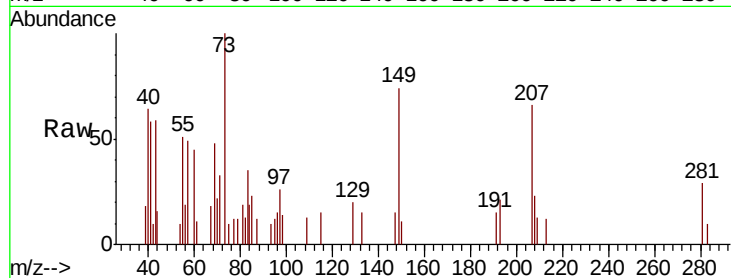
Tot Ion:149 Resp: 2971

Ion Ratio Lower Upper

149 100

150 14.5 7.4 11.0#

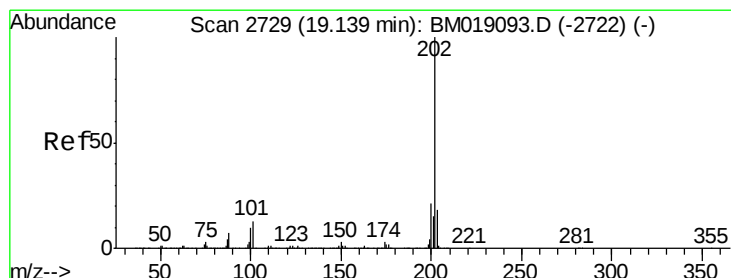
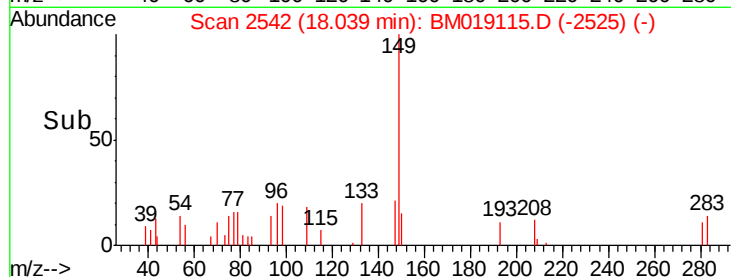
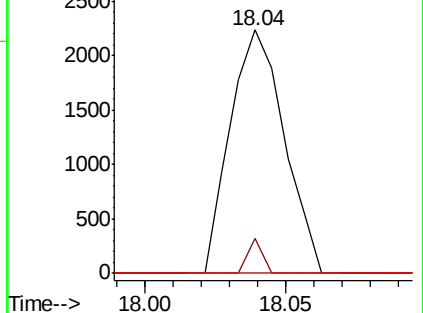
104 0.0 4.2 6.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.252 ng

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

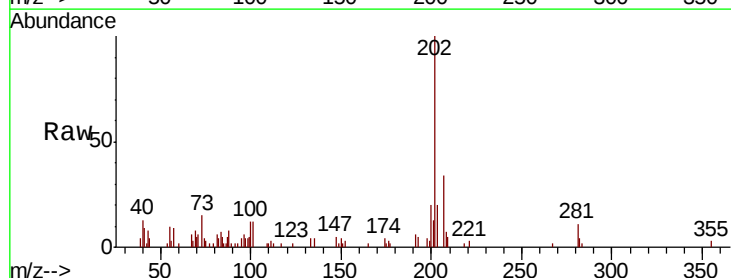
Tgt Ion:202 Resp: 25536

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.0

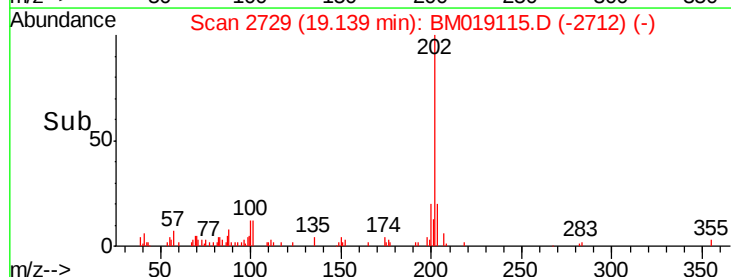
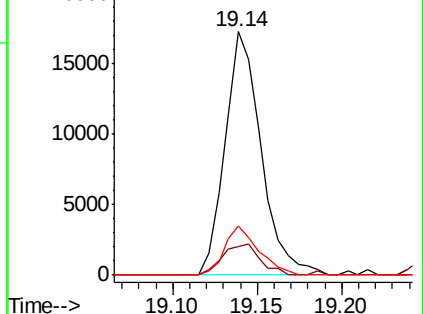
203 20.2 0.0 37.8

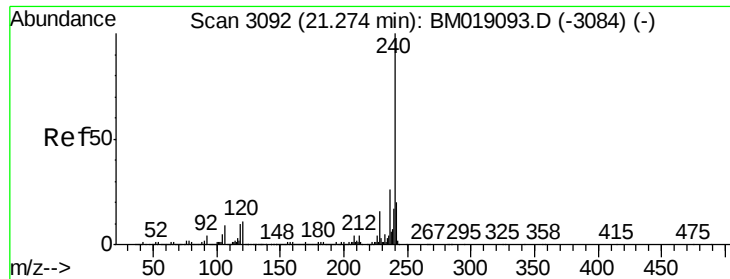


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

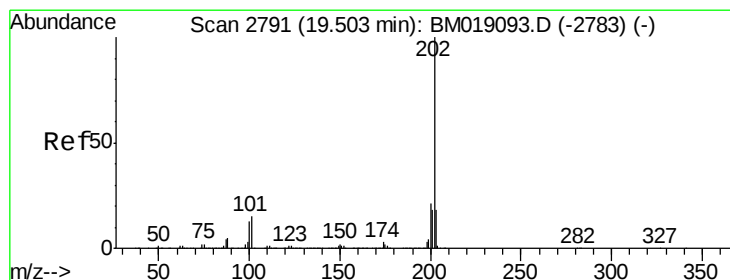
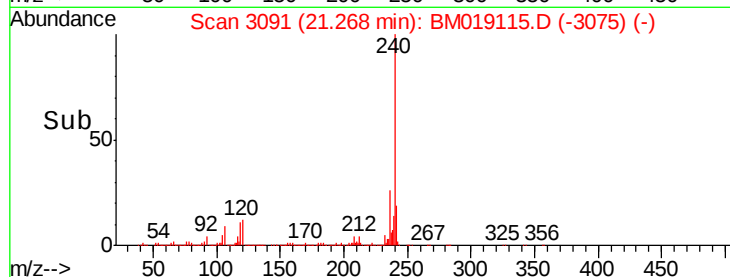
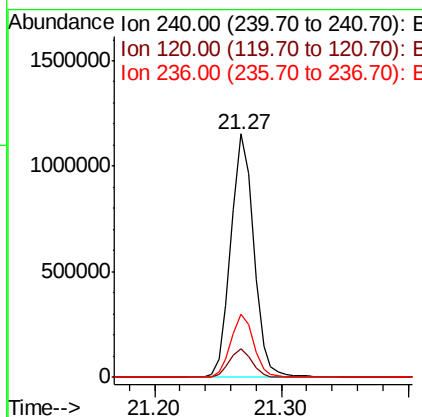
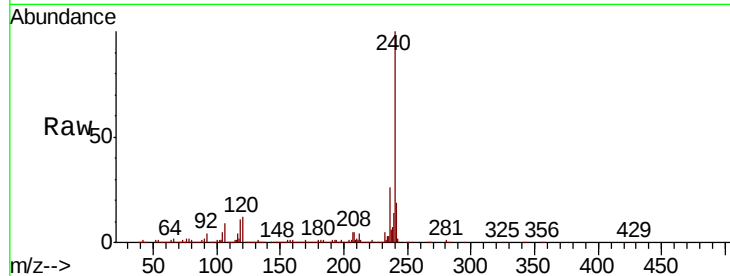




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

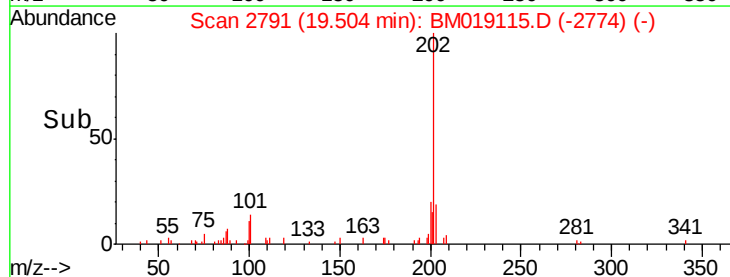
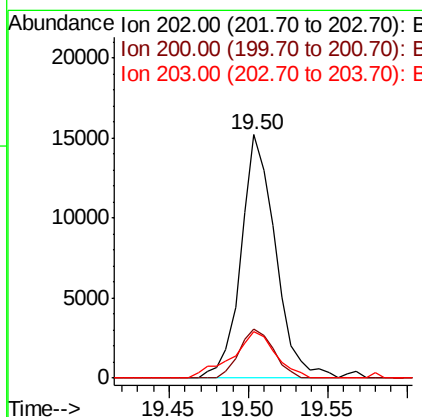
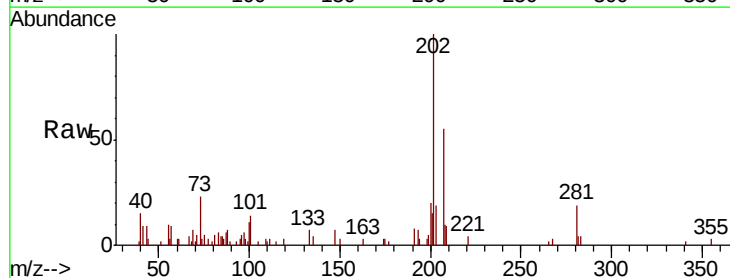
Instrument :
BNA_M
ClientSampleId :
PST-028-B007-1-030619

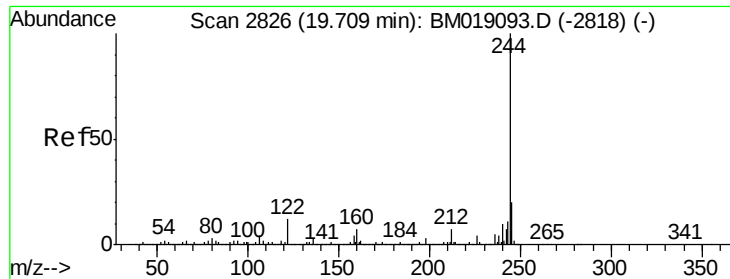
Tot Ion:240 Resp: 1444949
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.9 21.0 31.4



#78
Pyrene
Concen: 0.251 ng
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

Tgt Ion:202 Resp: 22977
Ion Ratio Lower Upper
202 100
200 20.3 16.9 25.3
203 18.9 14.0 21.0





#79

Terphenyl-d14

Concen: 49.028 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

Instrument :

BNA_M

ClientSampleId :

PST-028-B007-1-030619

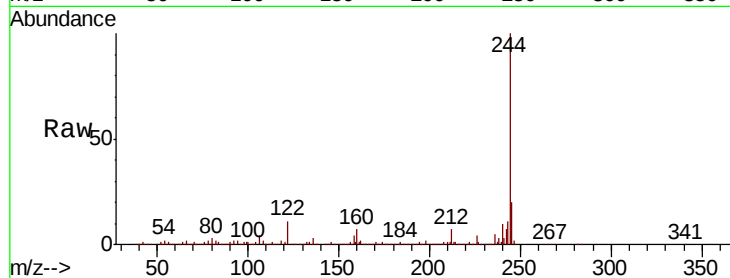
Tot Ion:244 Resp: 3568495

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

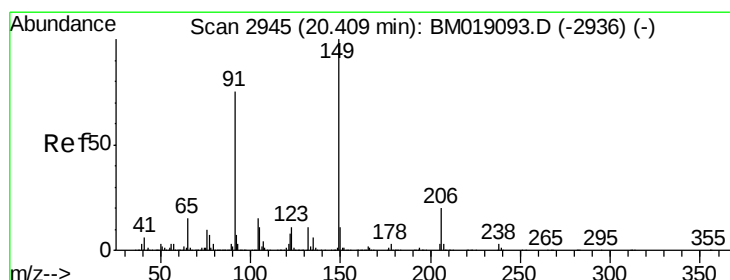
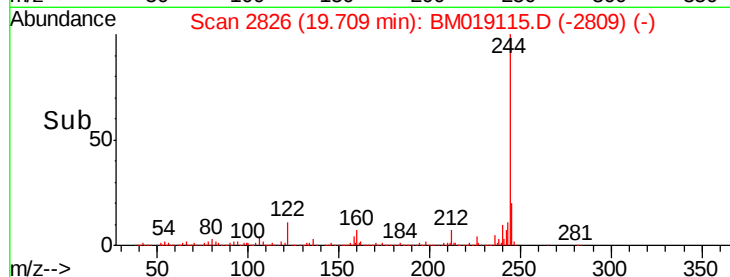
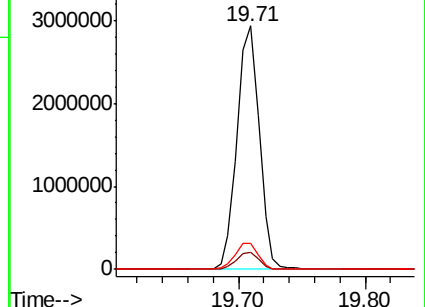
122 10.6 9.4 14.2



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: 0.016 ng

RT: 20.41 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

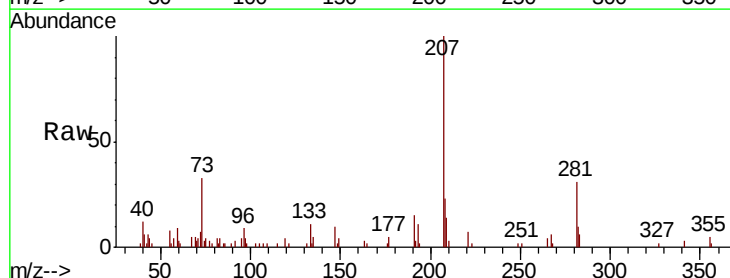
Tgt Ion:149 Resp: 622

Ion Ratio Lower Upper

149 100

91 75.9 60.1 90.1

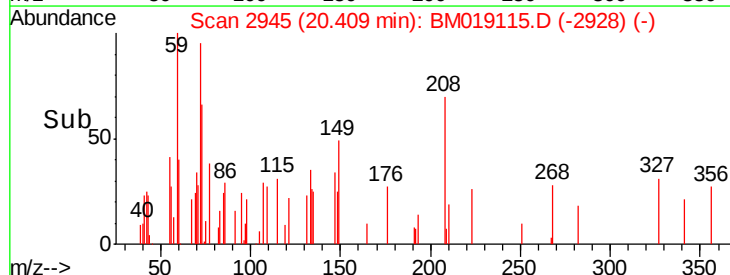
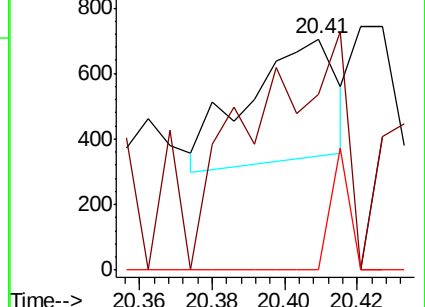
206 0.0 16.2 24.2#

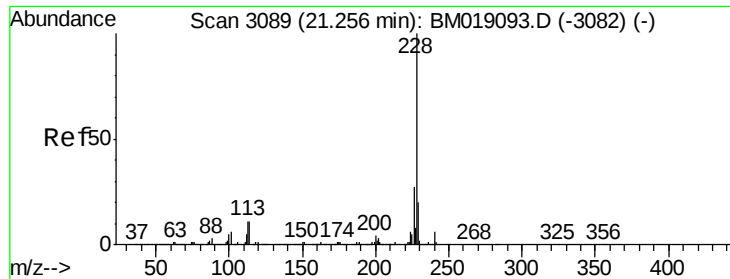


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.189 ng

RT: 21.26 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

Instrument :

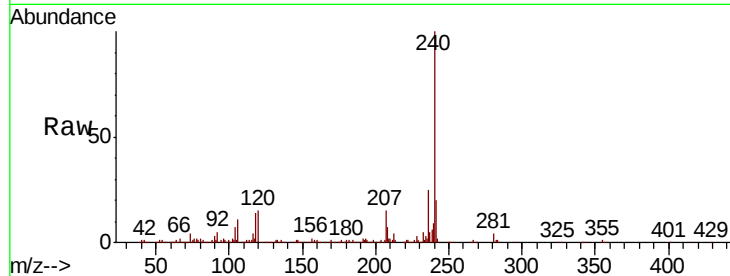
BNA_M

ClientSampleId :

PST-028-B007-1-030619

Tot Ion:228 Resp: 17089

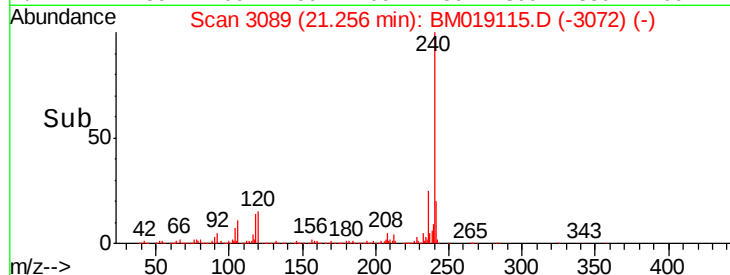
Ion	Ratio	Lower	Upper
228	100		
226	24.1	21.8	32.8
229	20.5	15.8	23.6



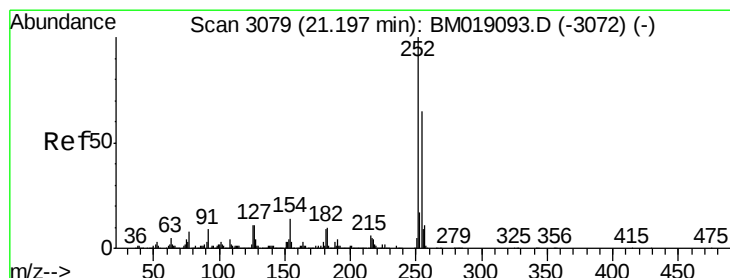
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 0.003 ng

RT: 21.18 min Scan# 3076

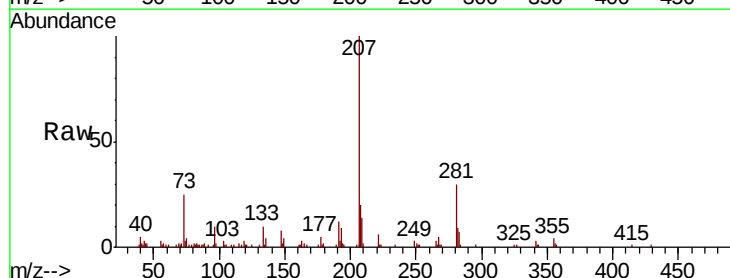
Delta R.T. -0.02 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

Tgt Ion:252 Resp: 114

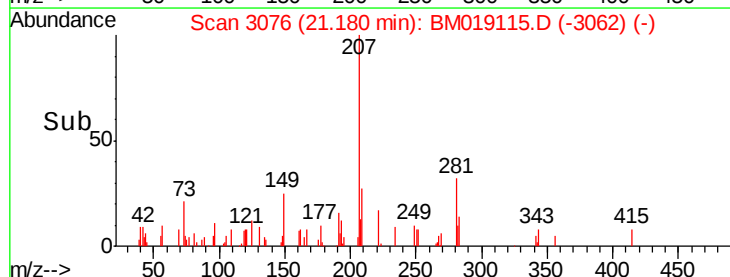
Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.4	78.6#
126	0.0	9.0	13.6#



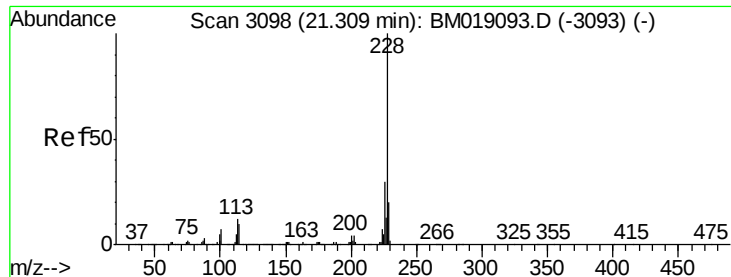
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 0.124 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

Instrument:

BNA_M

ClientSampleId:

PST-028-B007-1-030619

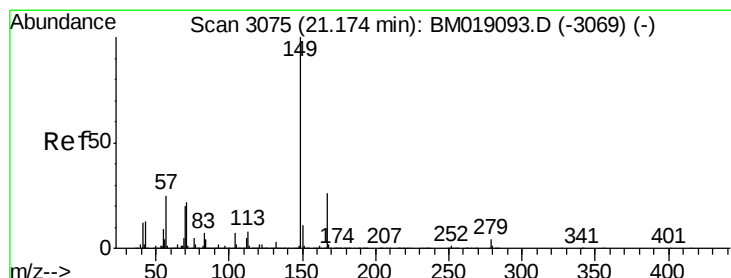
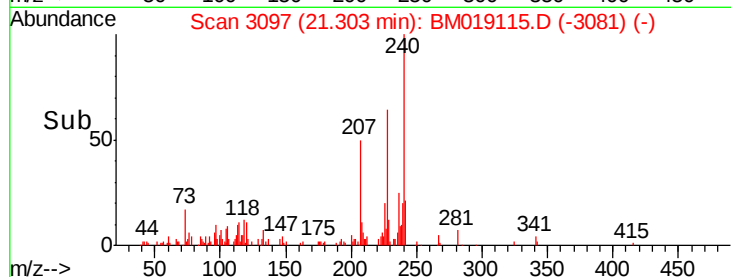
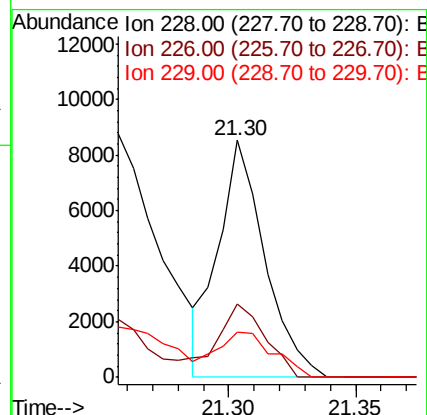
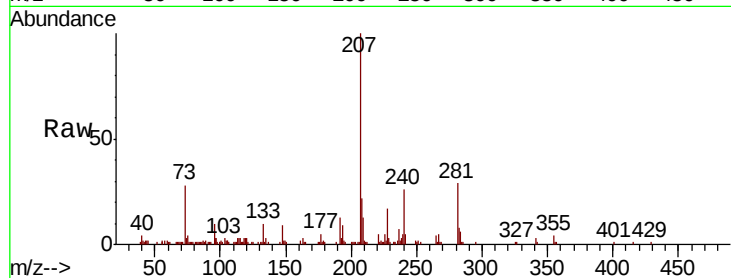
Tot Ion:228 Resp: 10876

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.8

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.034 ng

RT: 21.17 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

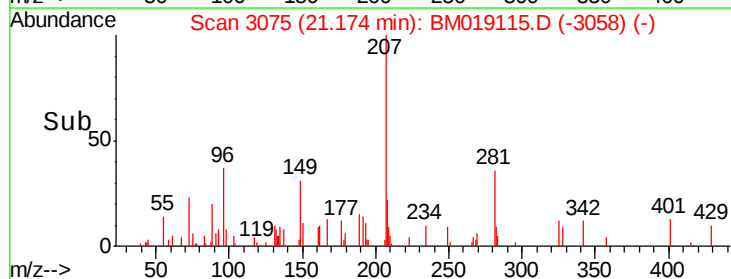
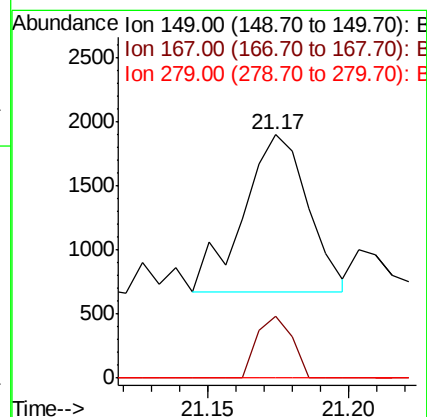
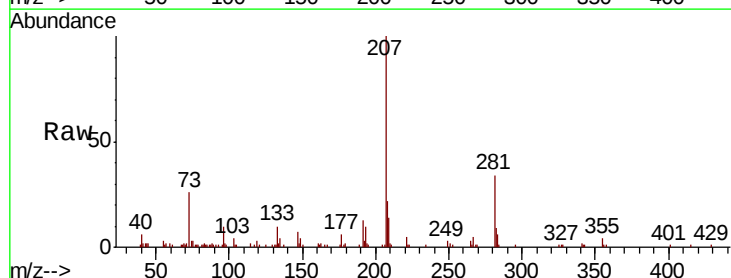
Tgt Ion:149 Resp: 1965

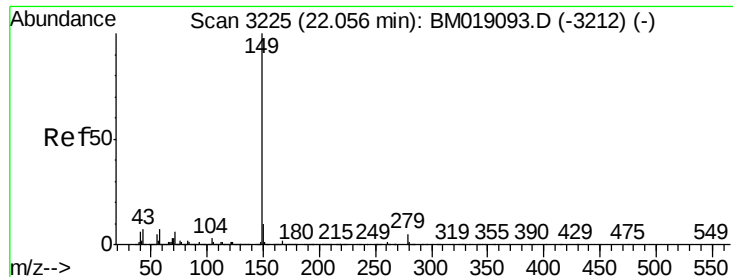
Ion Ratio Lower Upper

149 100

167 25.5 21.1 31.7

279 0.0 3.2 4.8#

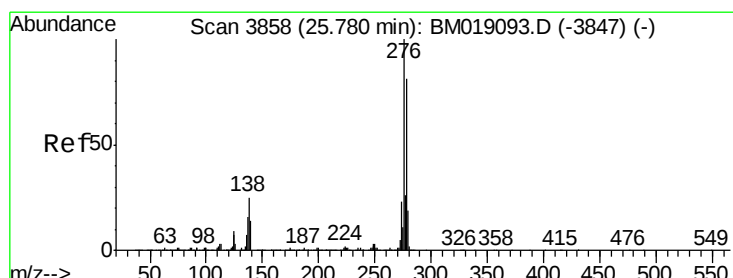
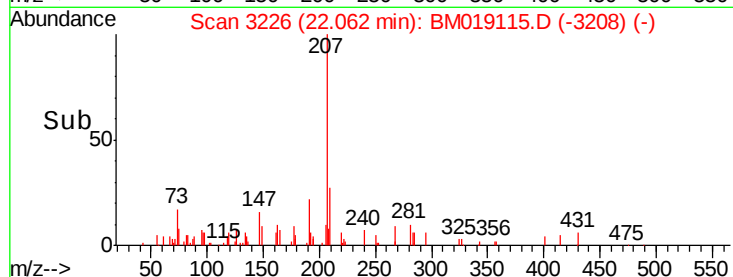
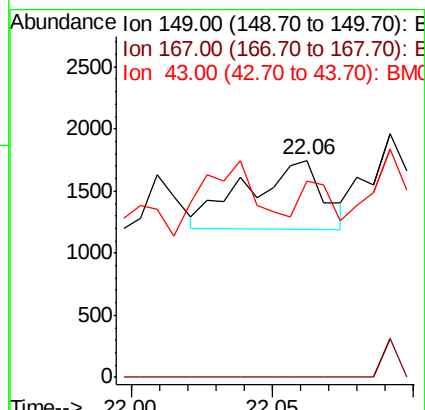
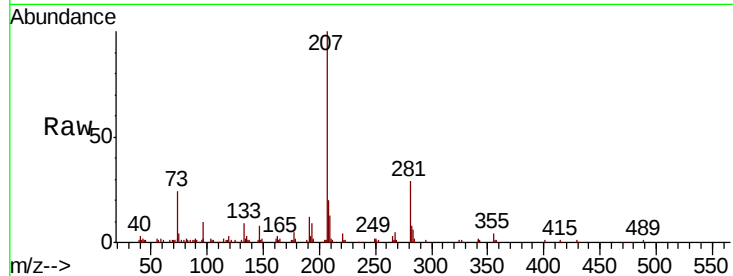




#85
Di-n-octyl phthalate
Concen: 0.011 ng
RT: 22.06 min Scan# 3226
Delta R.T. 0.01 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

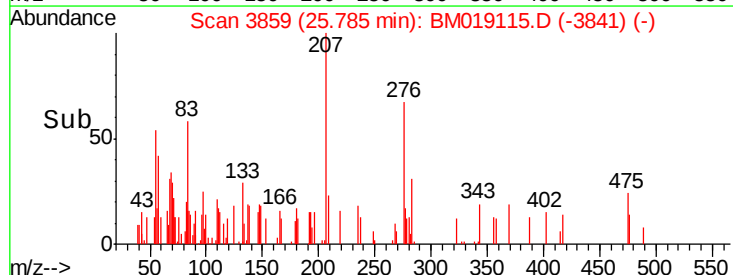
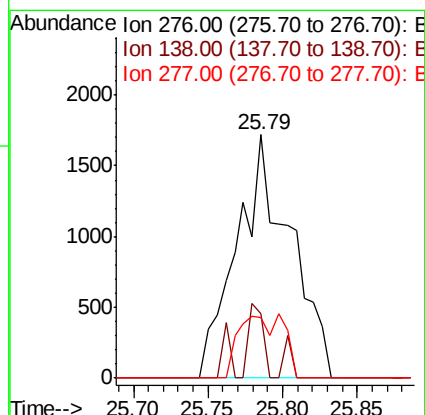
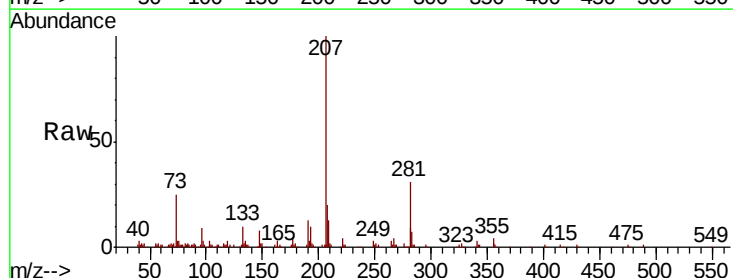
Instrument :
BNA_M
ClientSampleId :
PST-028-B007-1-030619

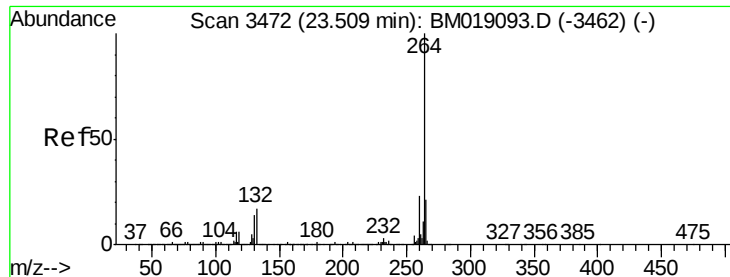
Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	21.1	6.1	9.1#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng
RT: 25.79 min Scan# 3859
Delta R.T. 0.01 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.1	19.8	29.8#
277	0.0	20.3	30.5#



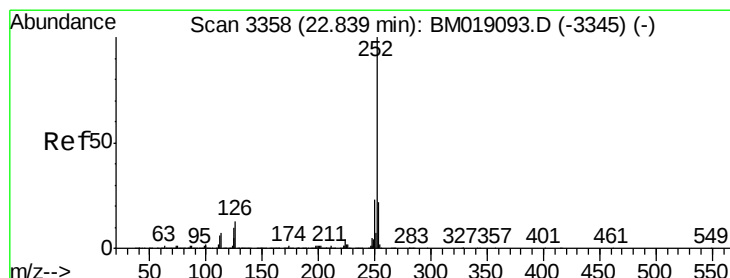
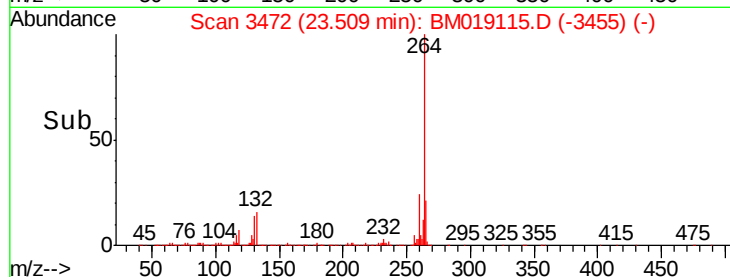
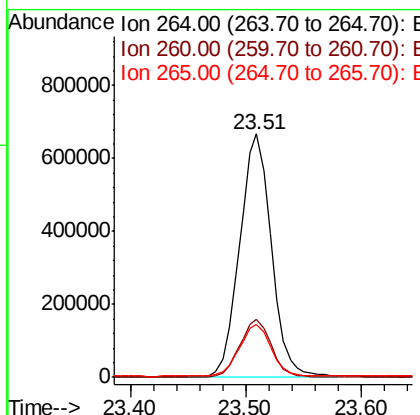
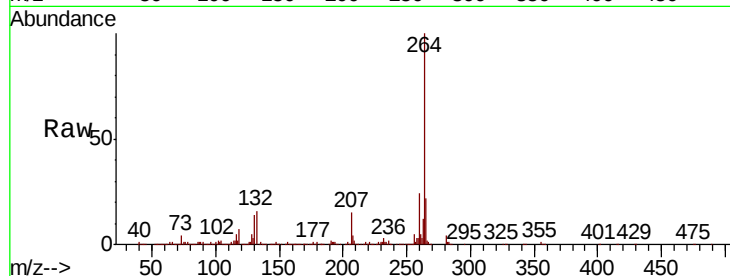


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3472
Delta R.T. 0.00 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

Instrument :
BNA_M
ClientSampleId :
PST-028-B007-1-030619

Tot Ion:264 Resp: 1277071

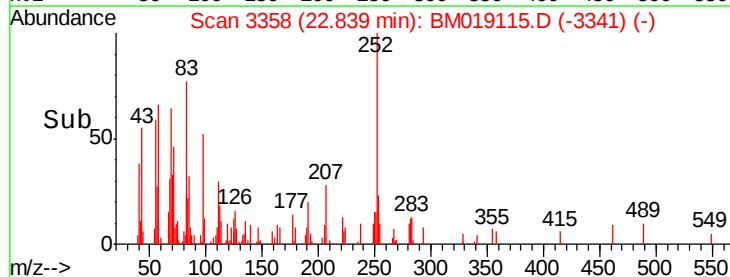
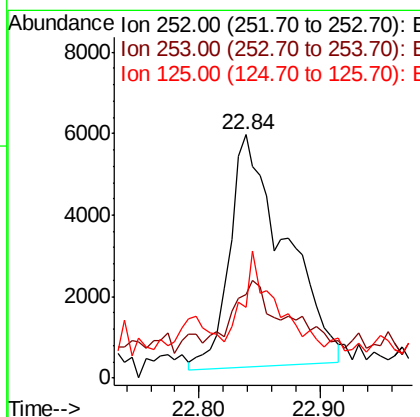
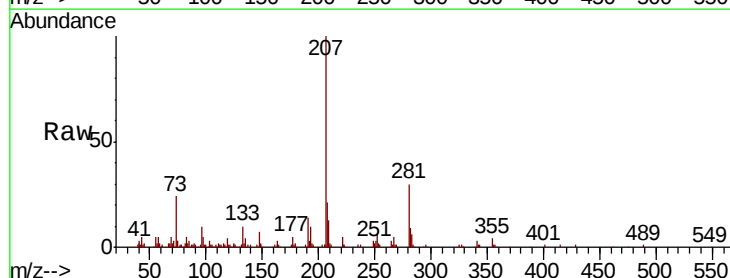
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.7	17.3	25.9

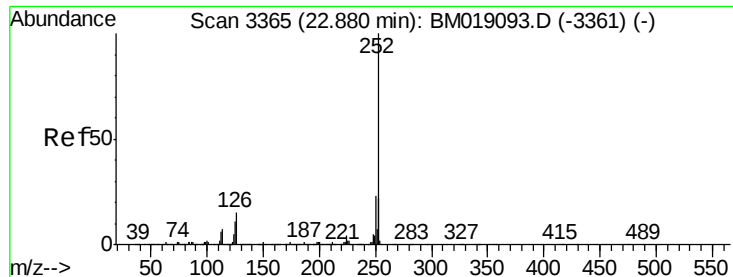


#88
Benzo(b)fluoranthene
Concen: 0.220 ng
RT: 22.84 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BM019115.D
Acq: 12 Mar 2019 17:05

Tgt Ion:252 Resp: 18165

Ion	Ratio	Lower	Upper
252	100		
253	34.6	17.6	26.4#
125	29.1	8.1	12.1#





#89

Benzo(k)fluoranthene

Concen: 0.231 ng

RT: 22.84 min Scan# 3358

Delta R.T. -0.04 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

Instrument :

BNA_M

ClientSampleId :

PST-028-B007-1-030619

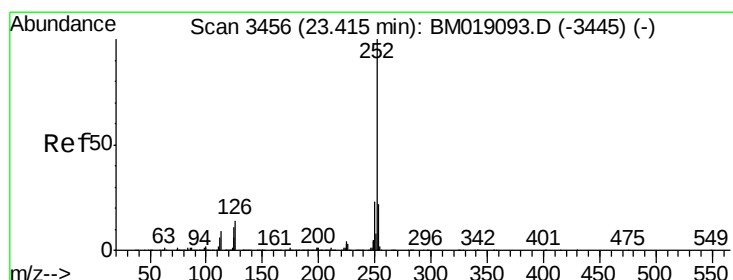
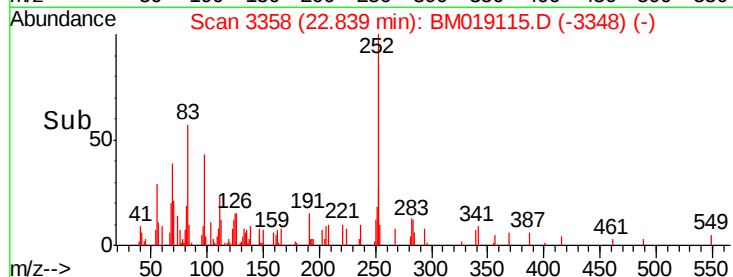
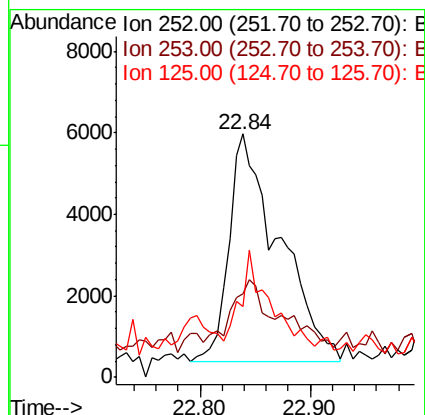
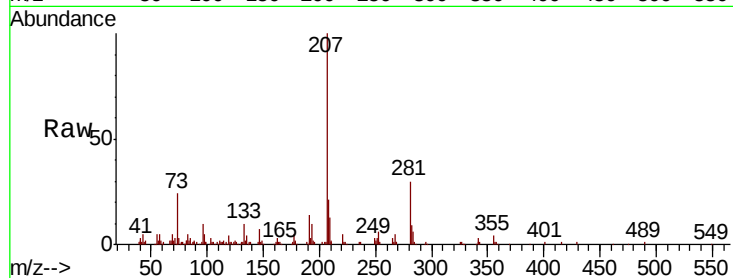
Tot Ion:252 Resp: 17603

Ion Ratio Lower Upper

252 100

253 34.6 17.6 26.4#

125 29.1 8.8 13.2#



#90

Benzo(a)pyrene

Concen: 0.112 ng

RT: 23.42 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

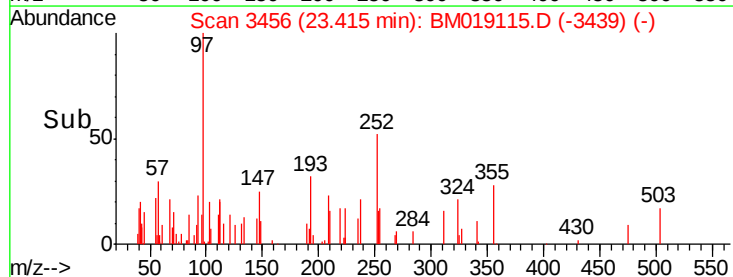
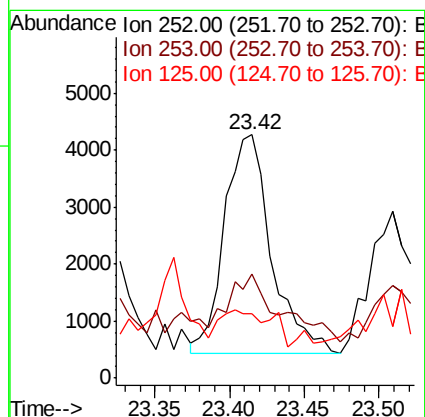
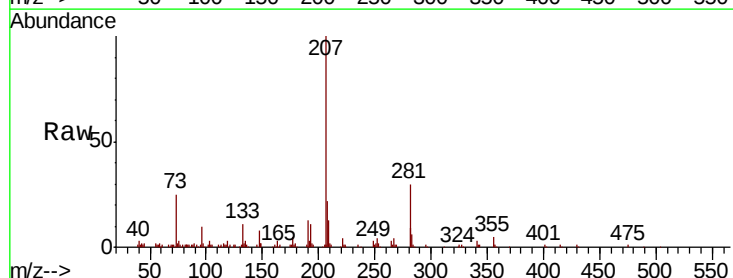
Tgt Ion:252 Resp: 8366

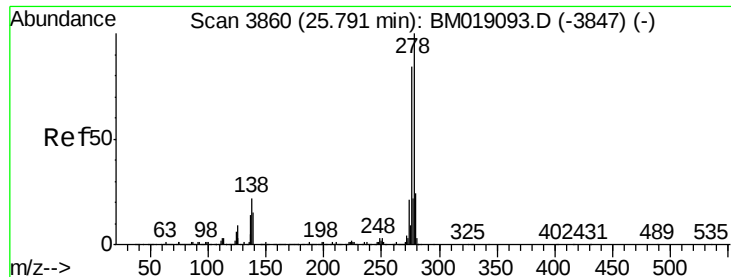
Ion Ratio Lower Upper

252 100

253 42.5 17.4 26.2#

125 26.5 9.2 13.8#





#91

Dibenzo(a,h)anthracene

Concen: 0.018 ng

RT: 25.79 min Scan# 3860

Delta R.T. 0.00 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

Instrument :

BNA_M

ClientSampleId :

PST-028-B007-1-030619

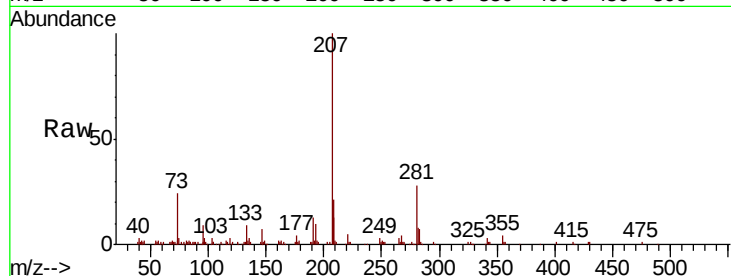
Tot Ion:278 Resp: 1300

Ion Ratio Lower Upper

278 100

139 0.0 12.3 18.5#

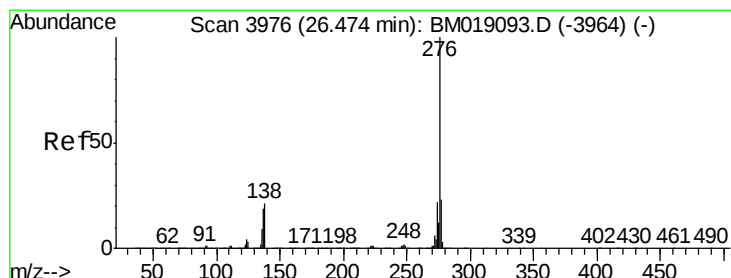
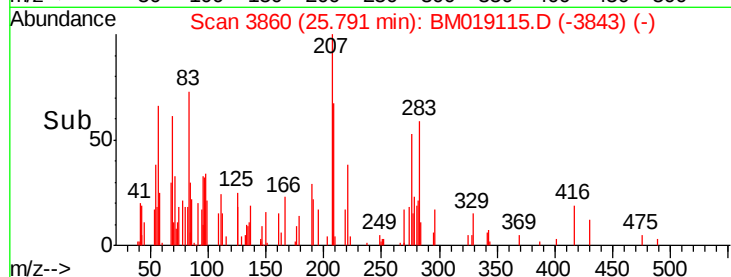
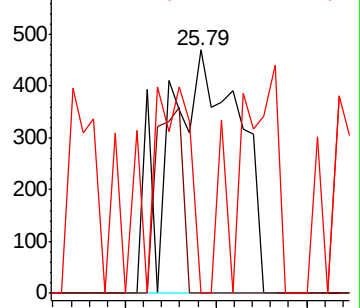
279 0.0 18.9 28.3#



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: 0.064 ng

RT: 26.49 min Scan# 3979

Delta R.T. 0.02 min

Lab File: BM019115.D

Acq: 12 Mar 2019 17:05

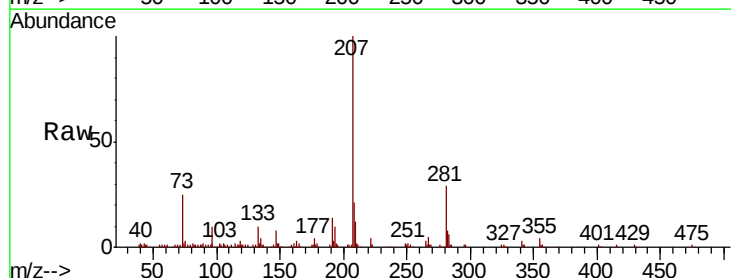
Tgt Ion:276 Resp: 4182

Ion Ratio Lower Upper

276 100

277 22.3 18.8 28.2

138 23.6 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

