

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111218\
 Data File : BM017619.D
 Acq On : 12 Nov 2018 18:56
 Operator : MJ/SJ
 Sample : J5863-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263

Quant Time: Nov 13 03:29:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	250337	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1030754	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	597224	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1353796	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1339415	20.00	ng	0.00
87) Perylene-d12	23.41	264	1176760	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	1479994	99.77	ng	0.00
7) Phenol-d6	6.80	99	2056941	99.29	ng	0.00
23) Nitrobenzene-d5	8.77	82	1271162	63.67	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	803790	93.67	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2920844	63.45	ng	0.00
79) Terphenyl-d14	19.66	244	4334103	73.34	ng	0.00

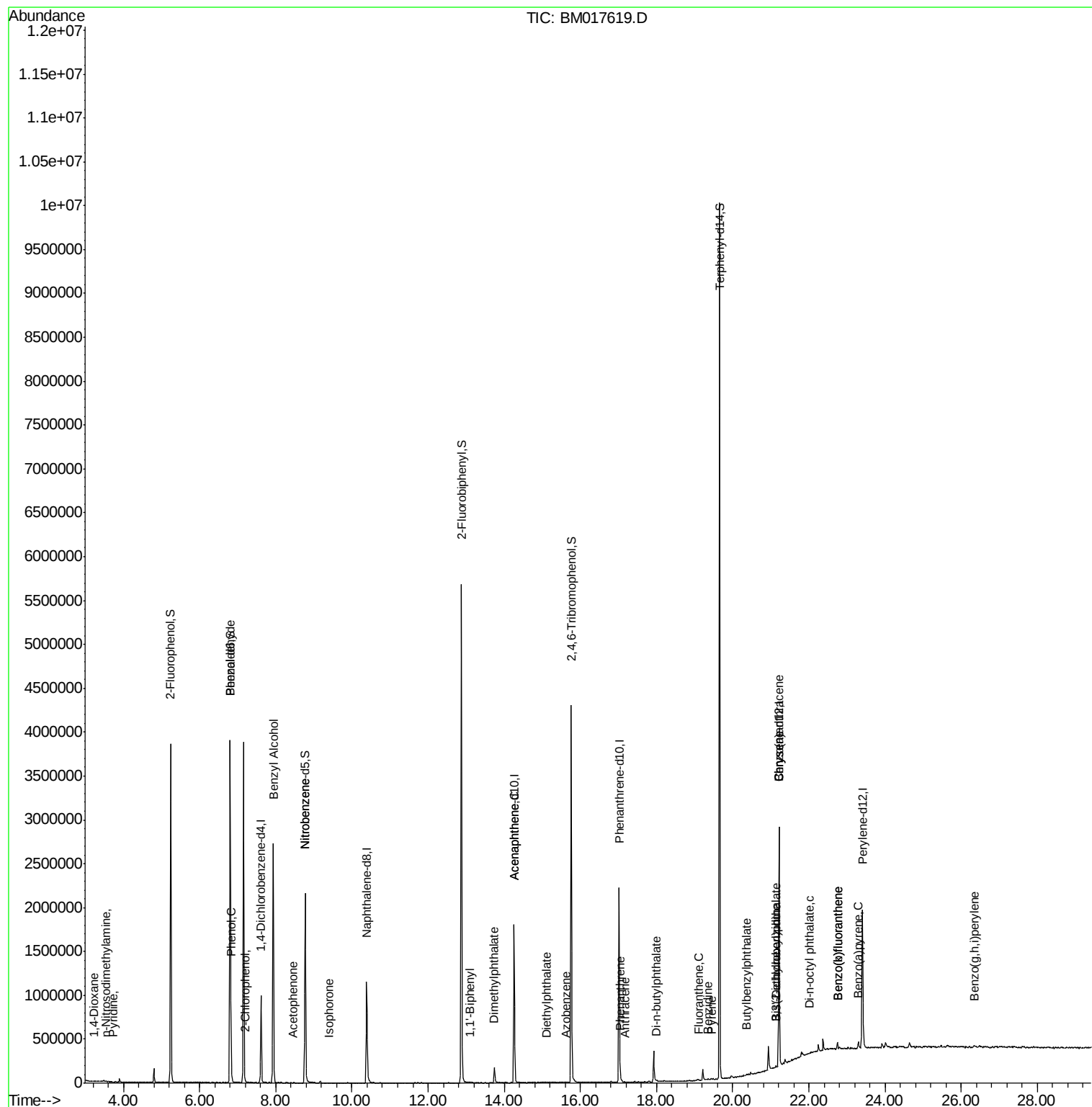
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	264	0.043	ng	# 1
3) Pyridine	3.73	79	107	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.54	42	473	0.059	ng	# 1
8) 2-Chlorophenol	7.19	128	127	0.007	ng	# 1
9) Benzaldehyde	6.80	77	5953	0.394	ng	# 4
10) Phenol	6.83	94	115358	5.305	ng	95
15) Benzyl Alcohol	7.93	79	18053	1.094	ng	# 43
22) Acetophenone	8.45	105	114	0.004	ng	# 1
24) Nitrobenzene	8.77	77	5886	0.291	ng	# 38
25) Isophorone	9.39	82	110	0.004	ng	# 66
46) 1,1'-Biphenyl	13.10	154	4385	0.082	ng	89
50) Dimethylphthalate	13.74	163	137939	2.841	ng	99
52) Acenaphthene	14.26	154	2024	0.055	ng	# 5
60) Diethylphthalate	15.11	149	283	0.005	ng	# 59
63) Azobenzene	15.62	77	123	0.003	ng	# 48
71) Phenanthrene	17.06	178	1416	0.019	ng	# 65
72) Anthracene	17.18	178	115	0.002	ng	# 61
74) Di-n-butylphthalate	18.00	149	2561	0.032	ng	# 78
75) Fluoranthene	19.10	202	1544	0.019	ng	# 51
77) Benzidine	19.33	184	999	0.023	ng	# 67
78) Pyrene	19.46	202	2219	0.027	ng	# 81
80) Butylbenzylphthalate	20.37	149	627	0.019	ng	# 74
81) Benzo(a)anthracene	21.21	228	5297	0.069	ng	# 64
82) 3,3'-Dichlorobenzidine	21.14	252	149	0.005	ng	# 25
83) Chrysene	21.21	228	5297	0.071	ng	# 61
84) Bis(2-ethylhexyl)phthalate	21.14	149	4777	0.096	ng	# 83
85) Di-n-octyl phthalate	22.01	149	1877	0.024	ng	# 16
88) Benzo(b)fluoranthene	22.76	252	2648	0.038	ng	# 1
89) Benzo(k)fluoranthene	22.76	252	2648	0.038	ng	# 1
90) Benzo(a)pyrene	23.31	252	845	0.013	ng	# 1
92) Benzo(g,h,i)perylene	26.33	276	156	0.003	ng	# 54

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

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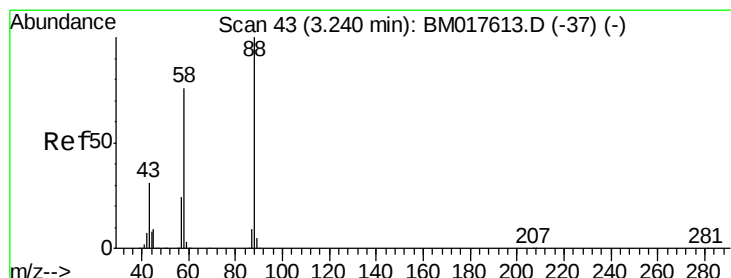
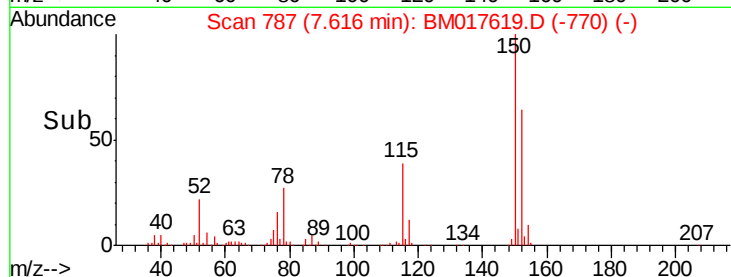
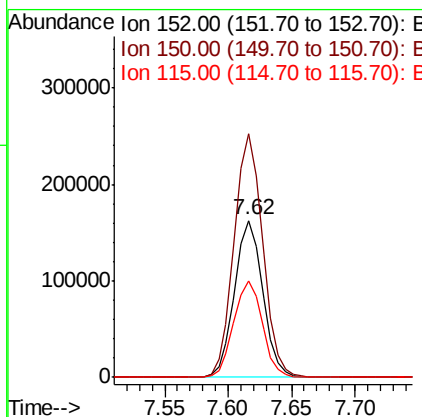
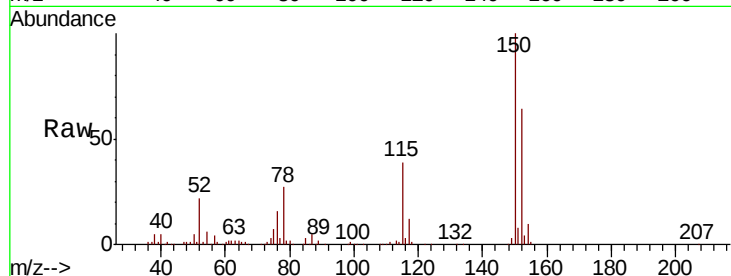


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Instrument :
BNA_M
ClientSampleId :
RT-3263

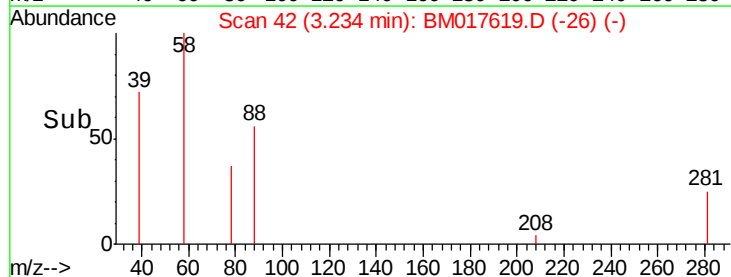
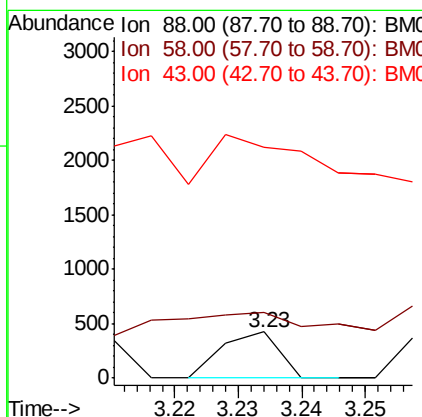
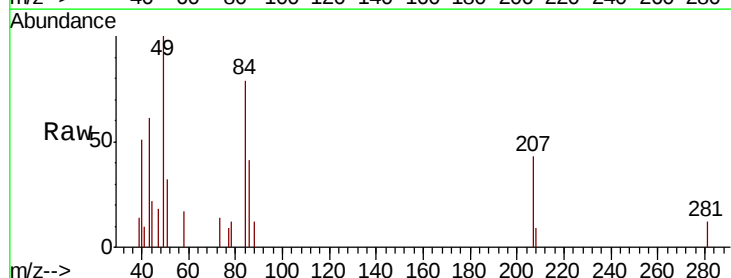
Tgt Ion:152 Resp: 250337
Ion Ratio Lower Upper
152 100
150 155.2 126.4 189.6
115 61.2 49.4 74.0

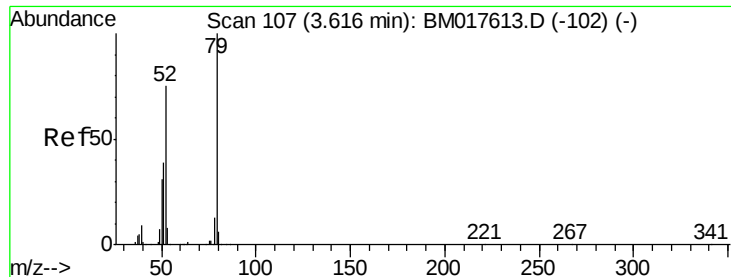


#2

1,4-Dioxane
Concen: 0.043 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion: 88 Resp: 264
Ion Ratio Lower Upper
88 100
58 123.1 62.0 93.0#
43 517.4 26.8 40.2#





#3

Pyridine

Concen: 0.006 ng

RT: 3.73 min Scan# 127

Delta R.T. 0.12 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

Instrument :

BNA_M

ClientSampleId :

RT-3263

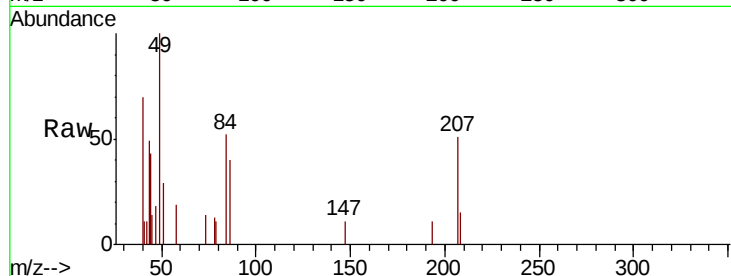
Tgt Ion: 79 Resp: 107

Ion Ratio Lower Upper

79 100

52 0.0 60.1 90.1#

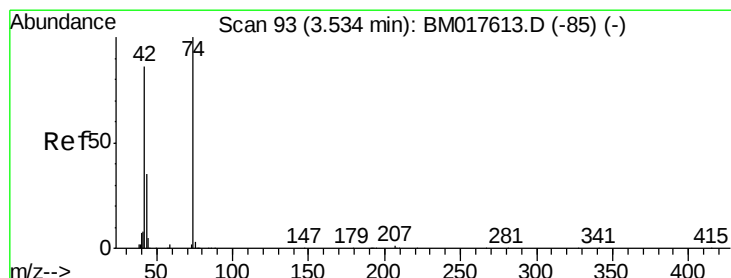
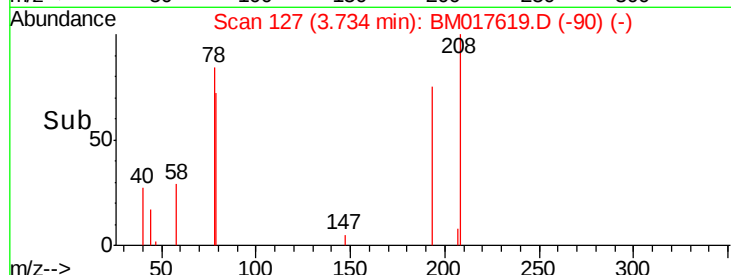
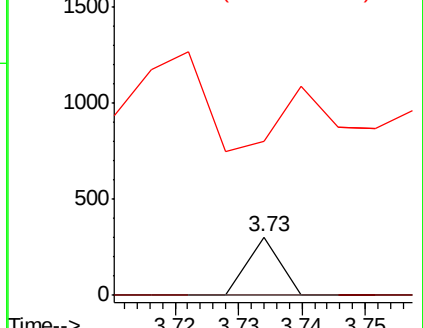
51 265.6 31.1 46.7#



Abundance Ion 79.00 (78.70 to 79.70): BM017619.D (-90) (-)

Ion 52.00 (51.70 to 52.70): BM017619.D (-90) (-)

Ion 51.00 (50.70 to 51.70): BM017619.D (-90) (-)



#4

n-Nitrosodimethylamine

Concen: 0.059 ng

RT: 3.54 min Scan# 94

Delta R.T. 0.01 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

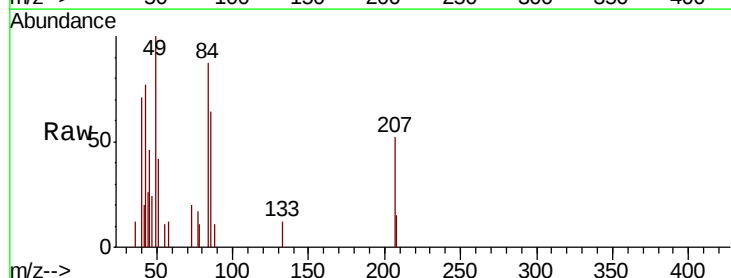
Tgt Ion: 42 Resp: 473

Ion Ratio Lower Upper

42 100

74 0.0 93.1 139.7#

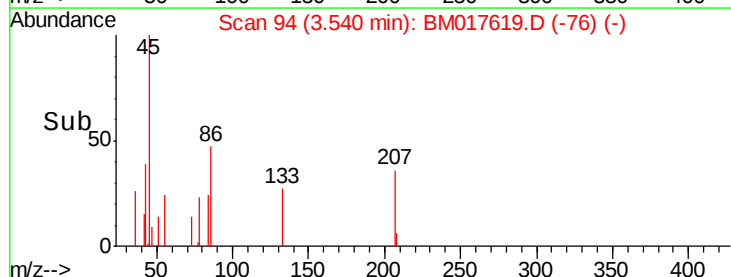
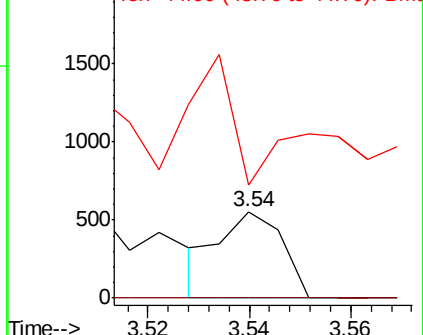
44 131.5 5.0 7.6#

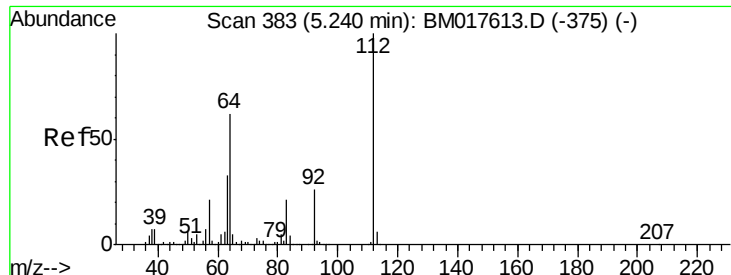


Abundance Ion 42.00 (41.70 to 42.70): BM017619.D (-76) (-)

Ion 74.00 (73.70 to 74.70): BM017619.D (-76) (-)

Ion 44.00 (43.70 to 44.70): BM017619.D (-76) (-)





#5

2-Fluorophenol

Concen: 99.774 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

Instrument :

BNA_M

ClientSampleId :

RT-3263

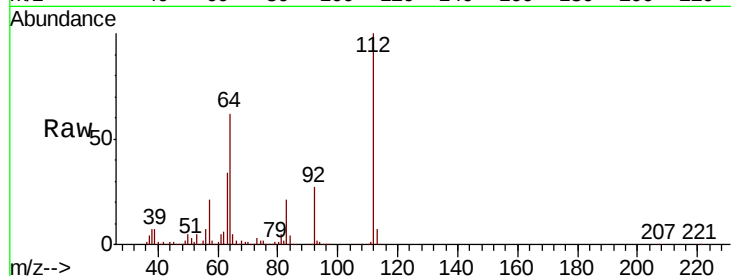
Tgt Ion:112 Resp: 1479994

Ion Ratio Lower Upper

112 100

64 62.2 49.3 73.9

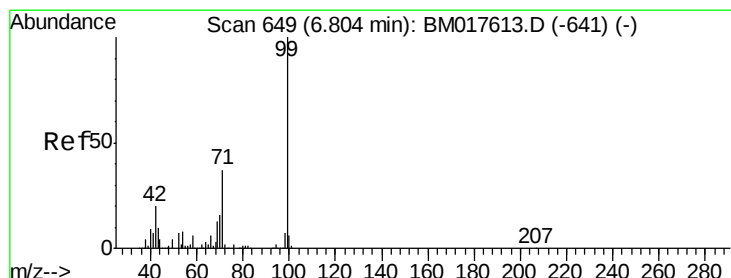
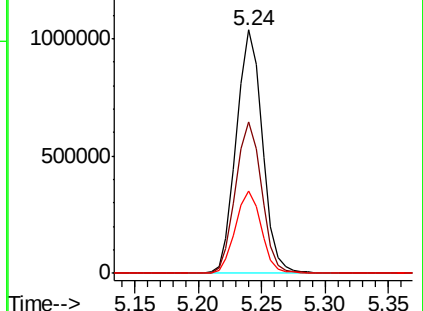
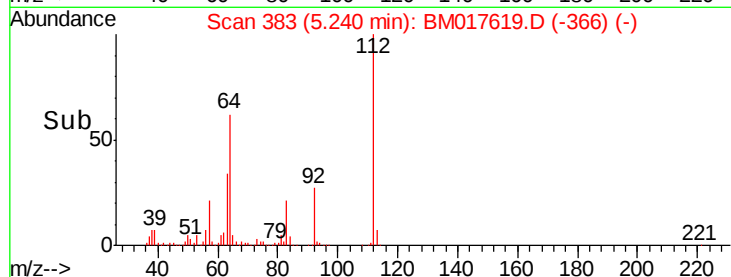
63 33.7 26.2 39.4



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: 99.287 ng

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

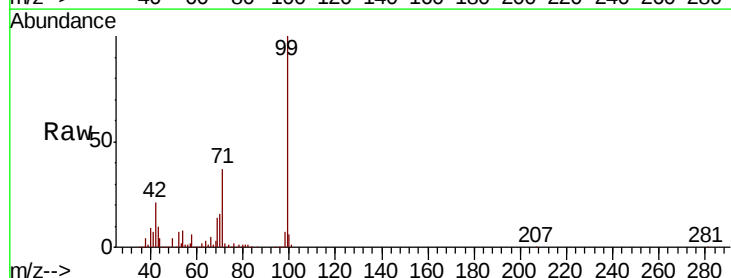
Tgt Ion: 99 Resp: 2056941

Ion Ratio Lower Upper

99 100

42 20.6 16.3 24.5

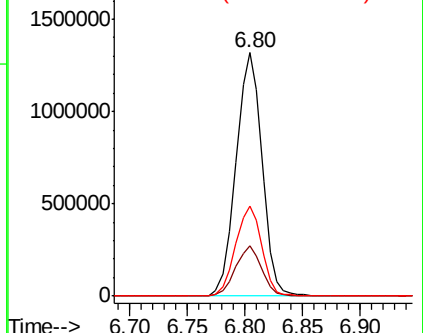
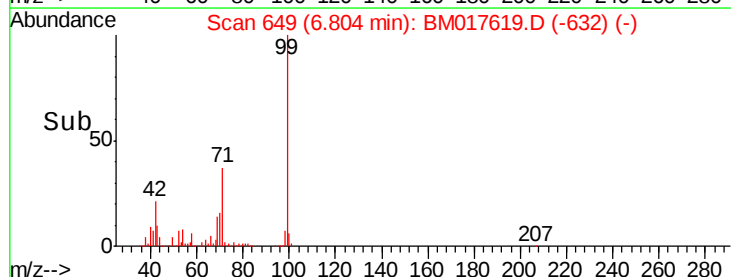
71 37.2 29.8 44.8

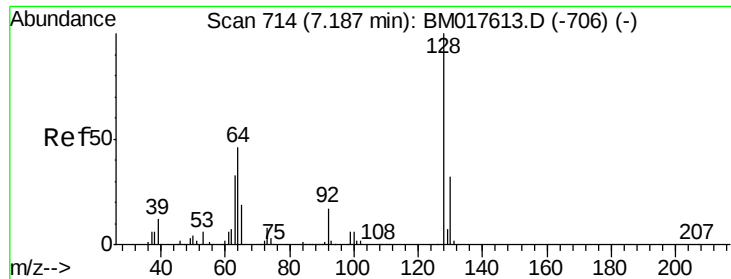


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 0.007 ng

RT: 7.19 min Scan# 715

Delta R.T. 0.01 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

Instrument :

BNA_M

ClientSampleId :

RT-3263

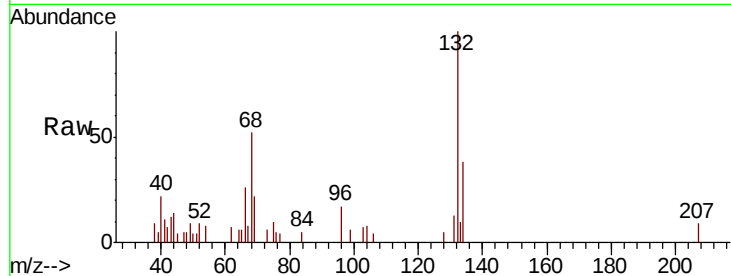
Tgt Ion:128 Resp: 127

Ion Ratio Lower Upper

128 100

130 0.0 12.4 52.4#

64 139.3 30.0 70.0#

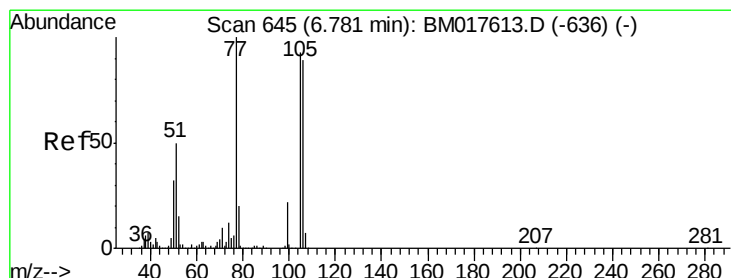
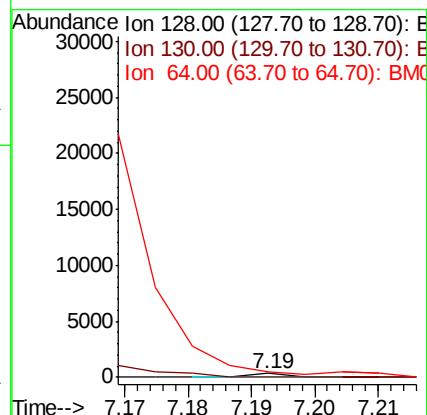
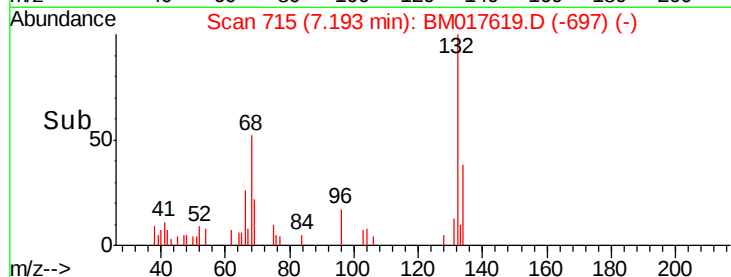


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: 0.394 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.02 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

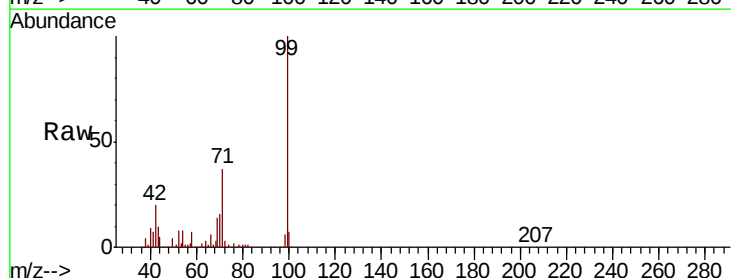
Tgt Ion: 77 Resp: 5953

Ion Ratio Lower Upper

77 100

105 0.0 72.7 112.7#

106 0.0 68.9 108.9#

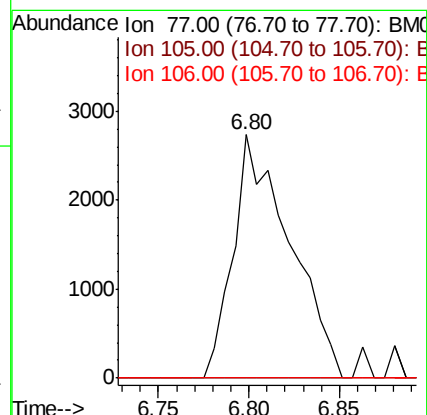
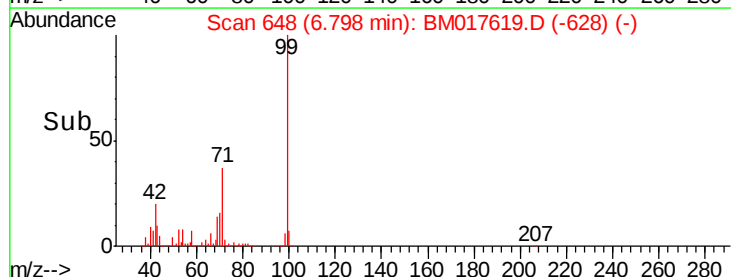


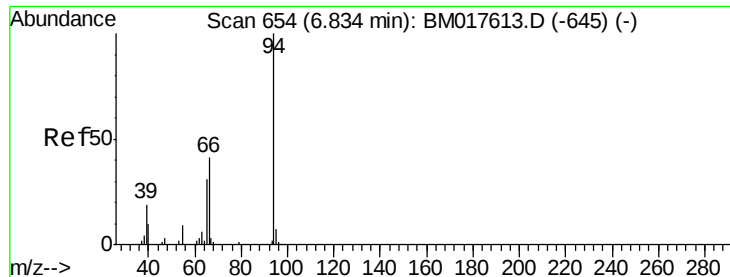
Abundance

Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 5.305 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017619.D

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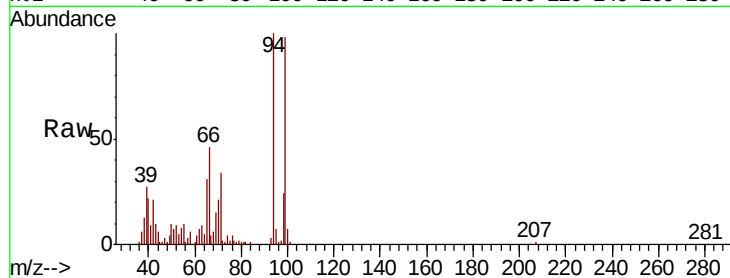
Tgt Ion: 94 Resp: 115358

Ion Ratio Lower Upper

94 100

65 31.5 11.4 51.4

66 46.4 21.4 61.4



Abundance

Ion 94.00 (93.70 to 94.70): BM017613.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017613.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017613.D (-645) (-)

100000

80000

60000

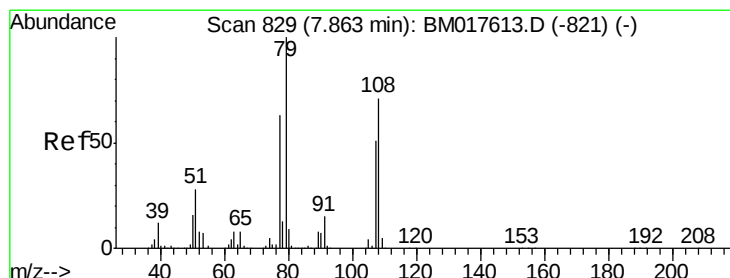
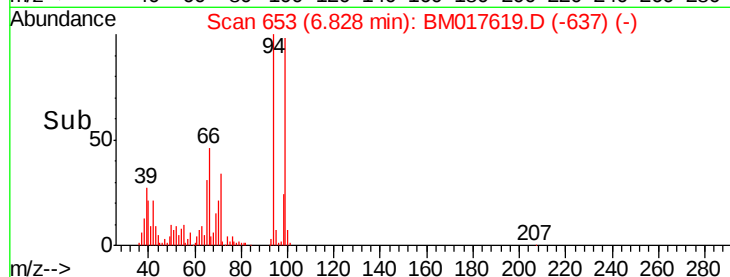
40000

20000

0

6.75 6.80 6.85 6.90

Time-->



#15

Benzyl Alcohol

Concen: 1.094 ng

RT: 7.93 min Scan# 840

Delta R.T. 0.06 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

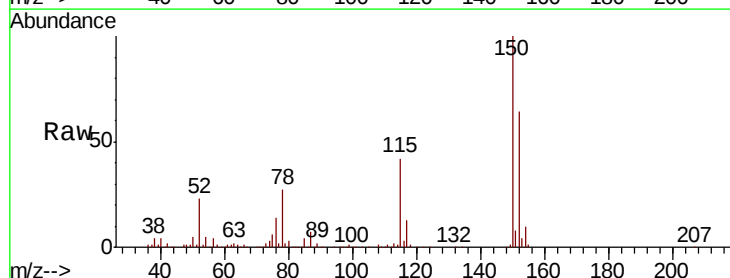
Tgt Ion: 79 Resp: 18053

Ion Ratio Lower Upper

79 100

108 35.8 57.1 85.7#

77 119.0 50.4 75.6#



Abundance

Ion 79.00 (78.70 to 79.70): BM017613.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM017613.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM017613.D (-821) (-)

20000

15000

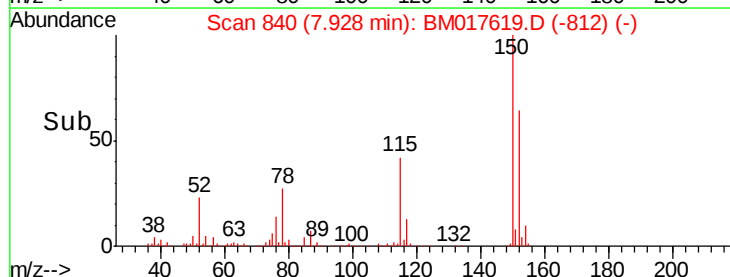
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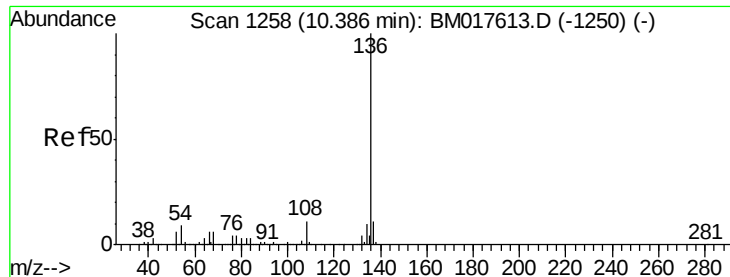
5000

0

7.85 7.90 7.95

Time-->

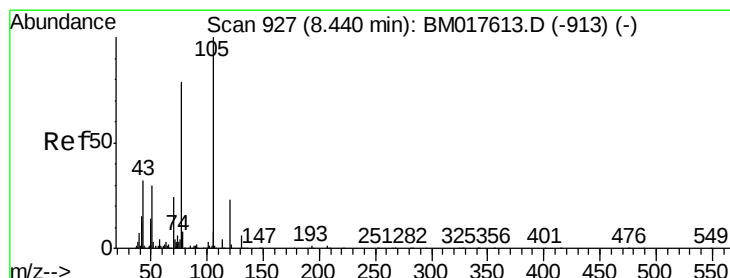
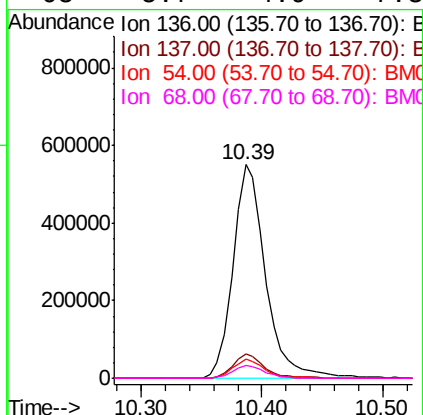
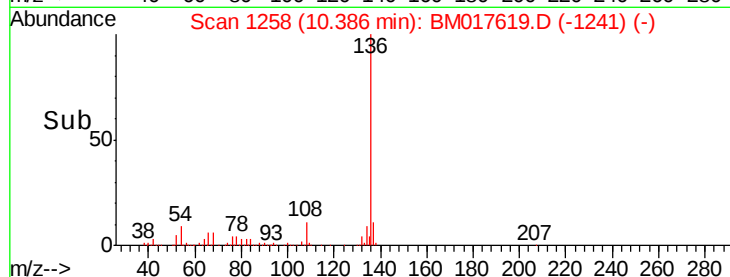
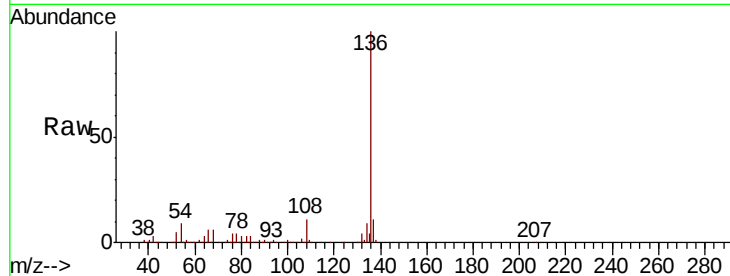




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

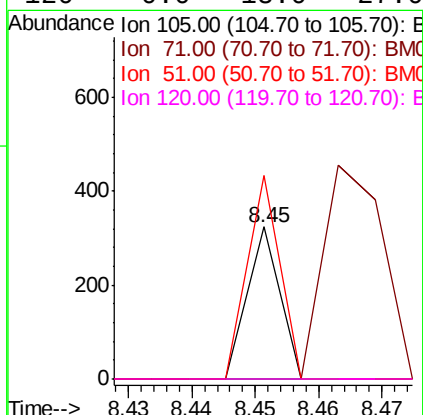
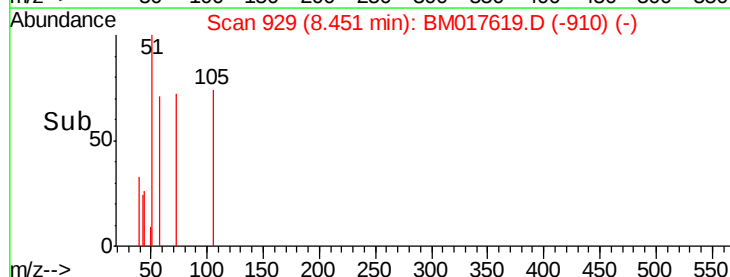
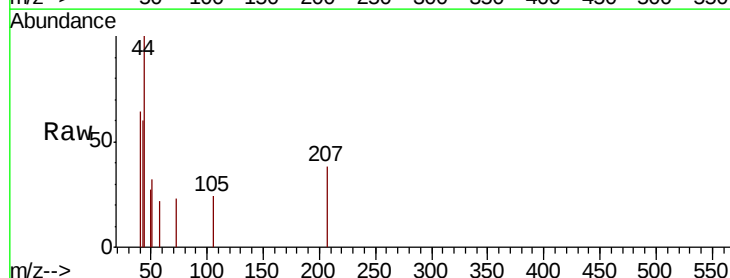
Instrument :
BNA_M
ClientSampleId :
RT-3263

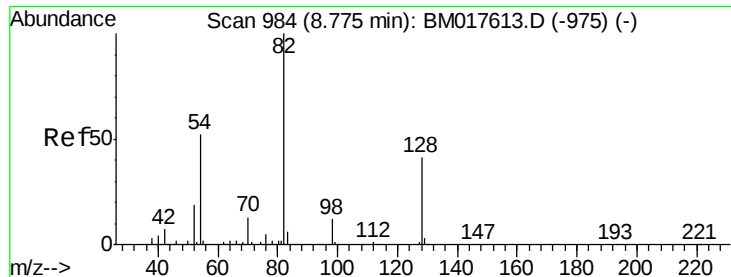
Tgt Ion:136 Resp: 1030754
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 8.8 7.0 10.6
68 5.7 4.9 7.3



#22
Acetophenone
Concen: 0.004 ng
RT: 8.45 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion:105 Resp: 114
Ion Ratio Lower Upper
105 100
71 0.0 3.1 4.7#
51 134.4 23.8 35.8#
120 0.0 18.0 27.0#

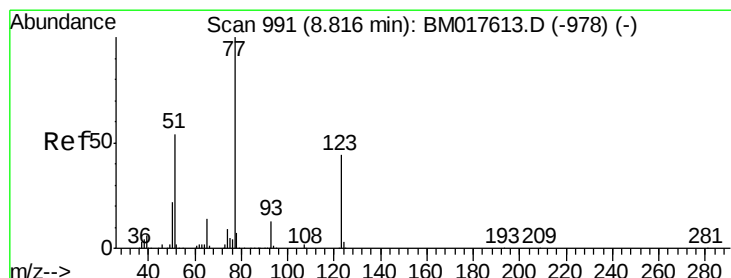
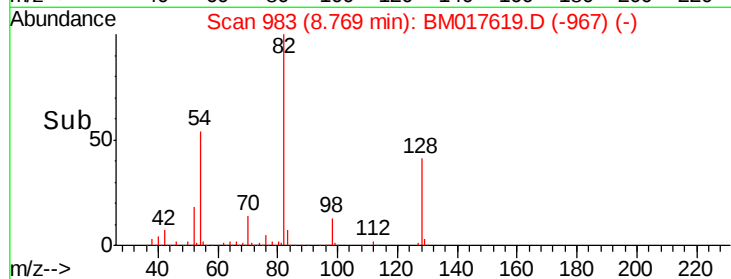
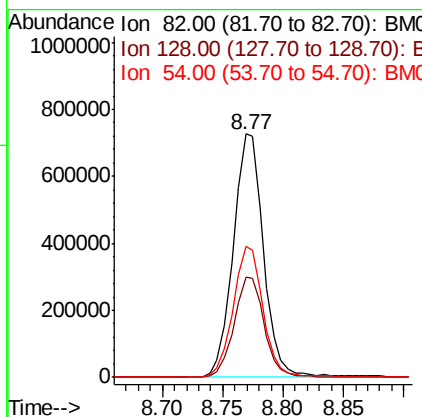
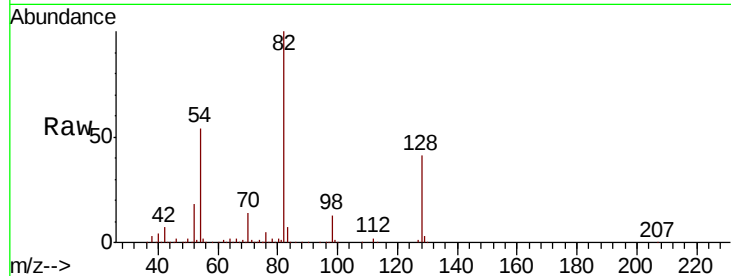




#23
 Nitrobenzene-d5
 Concen: 63.666 ng
 RT: 8.77 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BM017619.D
 Acq: 12 Nov 2018 18:56

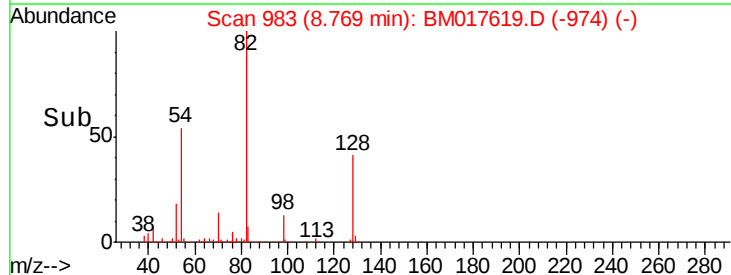
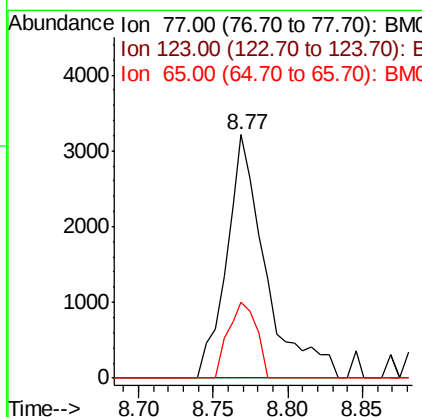
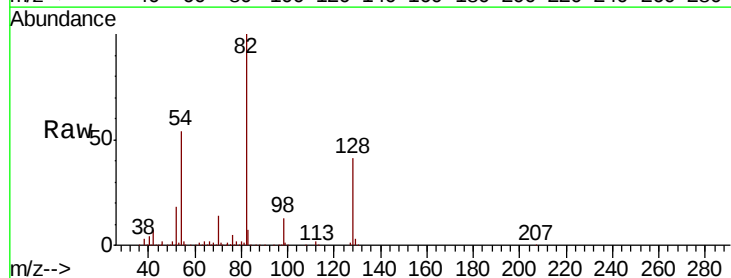
Instrument :
 BNA_M
 ClientSampleID :
 RT-3263

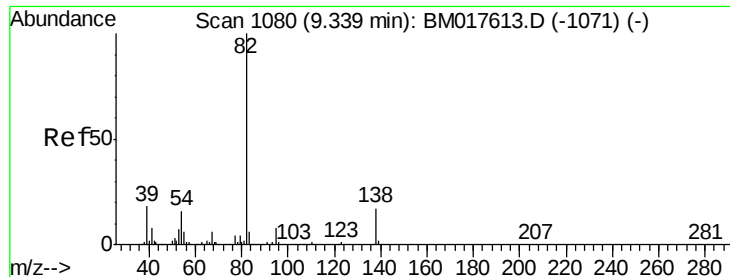
Tgt Ion: 82 Resp: 1271162
 Ion Ratio Lower Upper
 82 100
 128 41.3 33.0 49.4
 54 54.0 41.4 62.2



#24
 Nitrobenzene
 Concen: 0.291 ng
 RT: 8.77 min Scan# 983
 Delta R.T. -0.05 min
 Lab File: BM017619.D
 Acq: 12 Nov 2018 18:56

Tgt Ion: 77 Resp: 5886
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.1 52.7#
 65 31.1 11.0 16.6#





#25

Isophorone

Concen: 0.004 ng

RT: 9.39 min Scan# 1088

Delta R.T. 0.05 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

Instrument :

BNA_M

ClientSampleId :

RT-3263

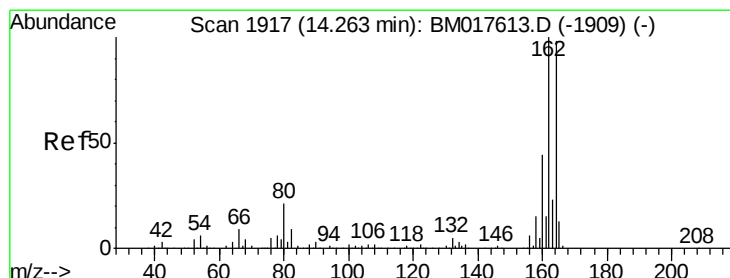
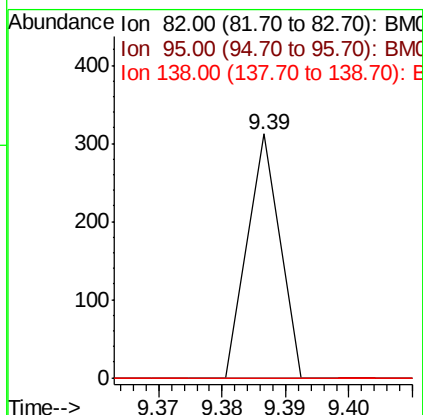
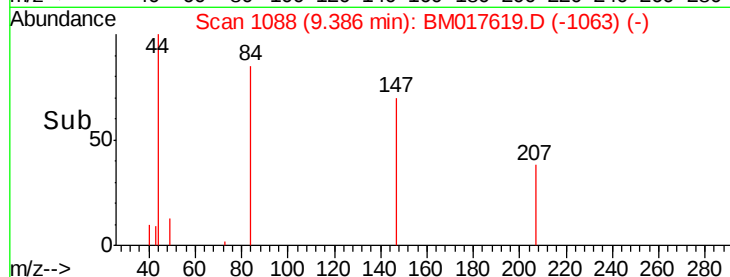
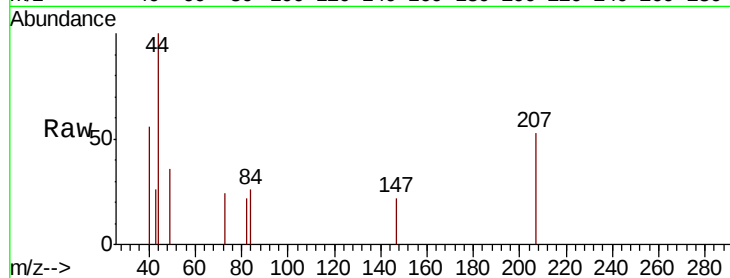
Tgt Ion: 82 Resp: 110

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 13.9 20.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

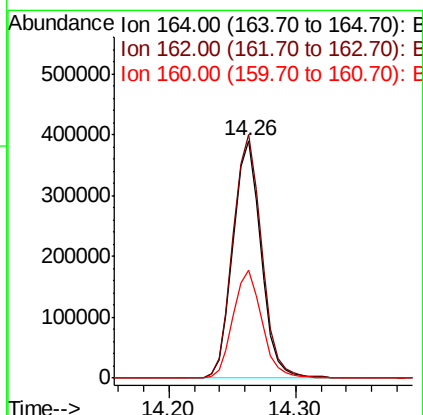
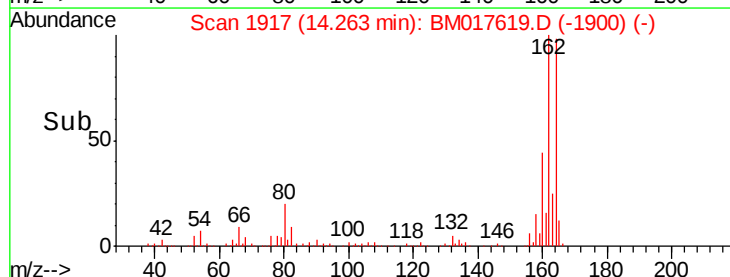
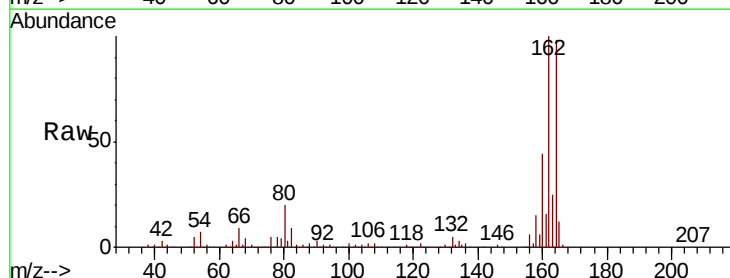
Tgt Ion: 164 Resp: 597224

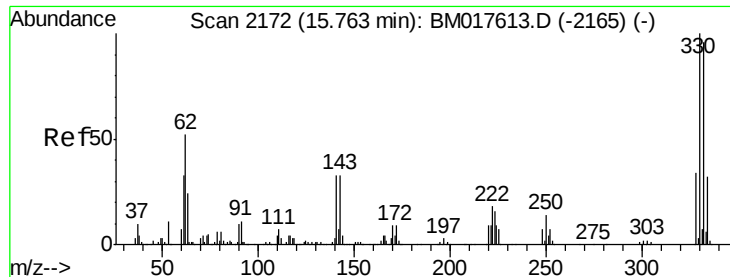
Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

160 45.5 35.6 53.4

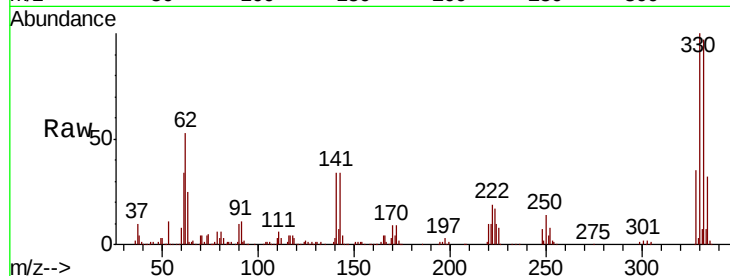




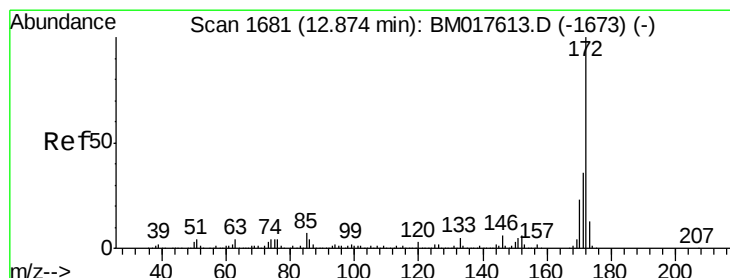
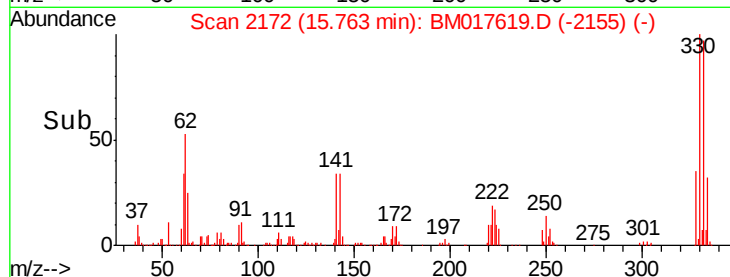
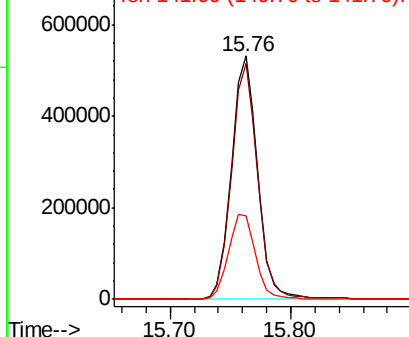
#42
 2,4,6-Tribromophenol
 Concen: 93.668 ng
 RT: 15.76 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BM017619.D
 Acq: 12 Nov 2018 18:56

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263

Tgt Ion:330 Resp: 803790
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.9 116.9
 141 36.4 27.5 41.3

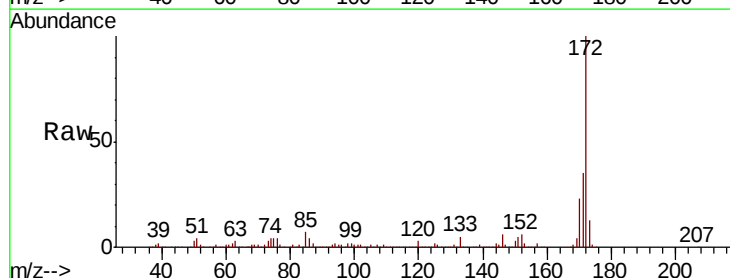


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

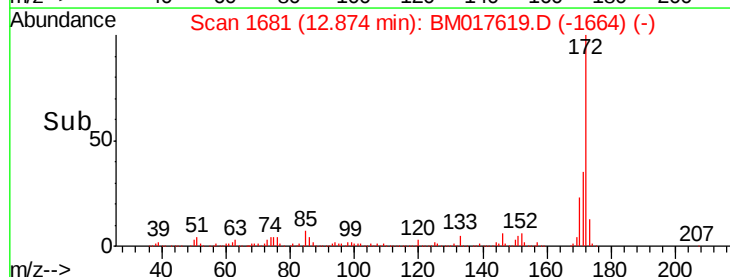
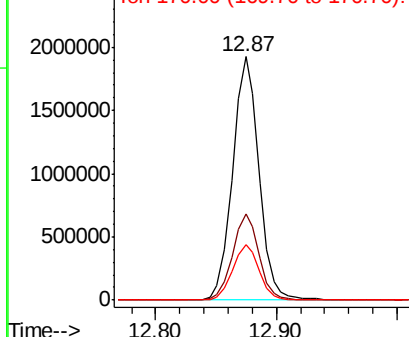


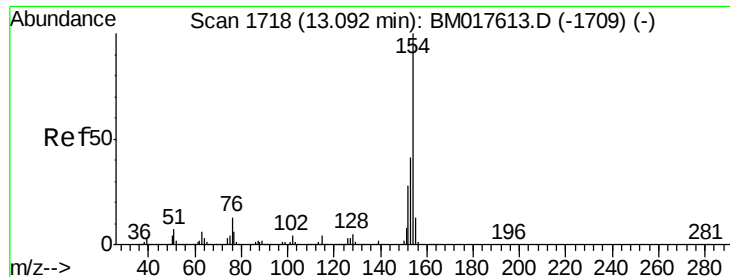
#45
 2-Fluorobiphenyl
 Concen: 63.449 ng
 RT: 12.87 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BM017619.D
 Acq: 12 Nov 2018 18:56

Tgt Ion:172 Resp: 2920844
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.7 43.1
 170 22.8 18.3 27.5



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

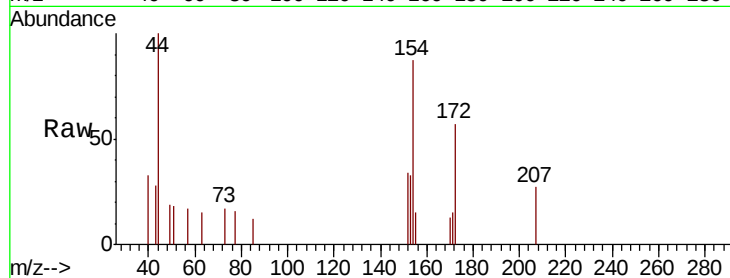




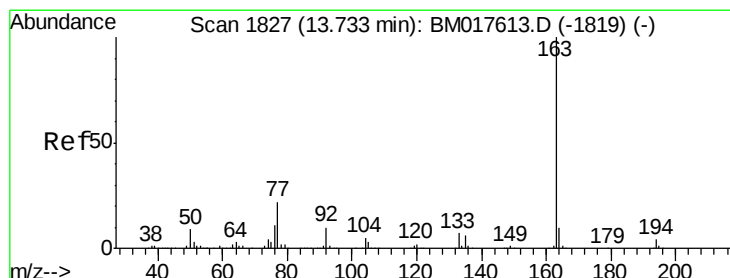
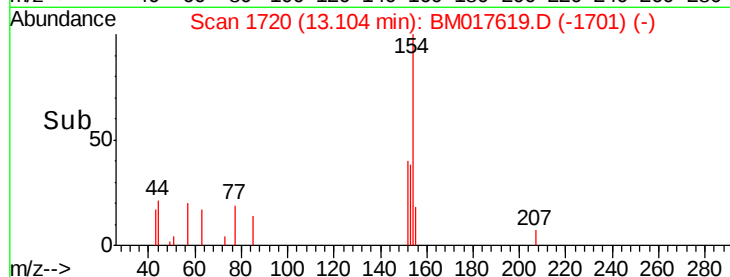
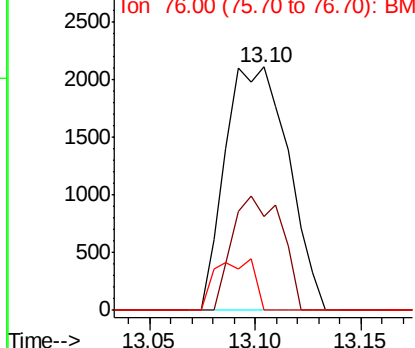
#46
 1,1'-Biphenyl
 Concen: 0.082 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BM017619.D
 Acq: 12 Nov 2018 18:56

Instrument :
 BNA_M
 ClientSampled :
 RT-3263

Tgt Ion:154 Resp: 4385
 Ion Ratio Lower Upper
 154 100
 153 38.4 20.8 60.8
 76 0.0 0.0 32.8

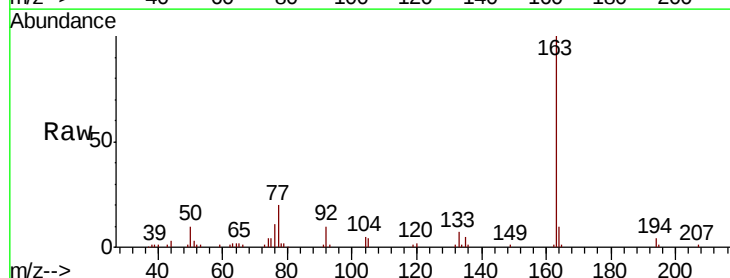


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

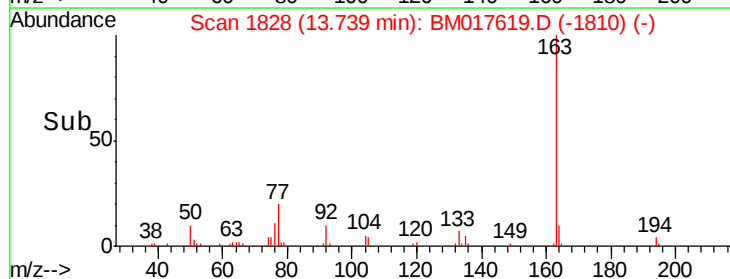
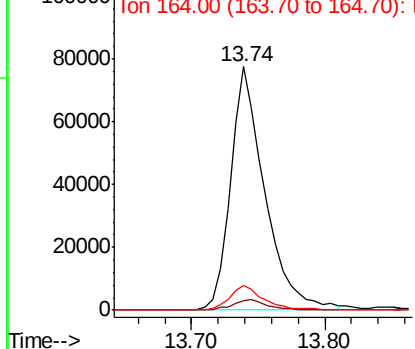


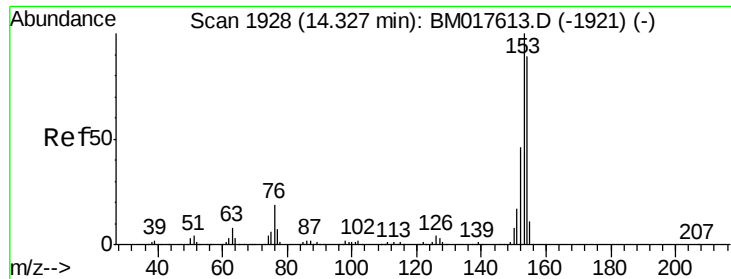
#50
 Dimethylphthalate
 Concen: 2.841 ng
 RT: 13.74 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BM017619.D
 Acq: 12 Nov 2018 18:56

Tgt Ion:163 Resp: 137939
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.1 4.7
 164 9.9 8.2 12.4



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: 0.055 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.06 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

Instrument :

BNA_M

ClientSampleId :

RT-3263

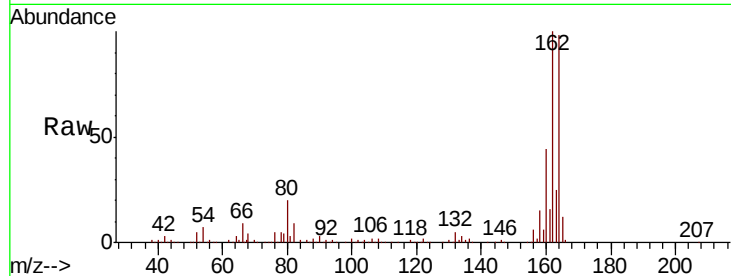
Tgt Ion:154 Resp: 2024

Ion Ratio Lower Upper

154 100

153 0.0 90.2 135.4#

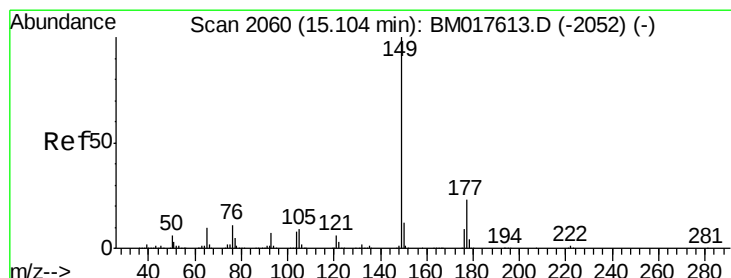
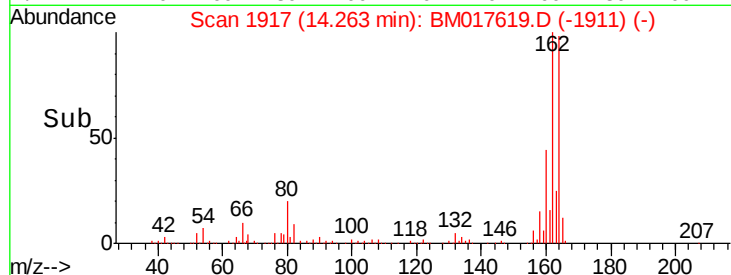
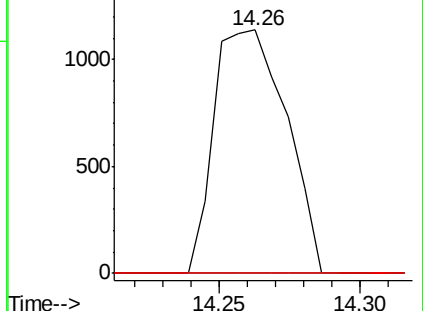
152 0.0 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#60

Diethylphthalate

Concen: 0.005 ng

RT: 15.11 min Scan# 2061

Delta R.T. 0.01 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

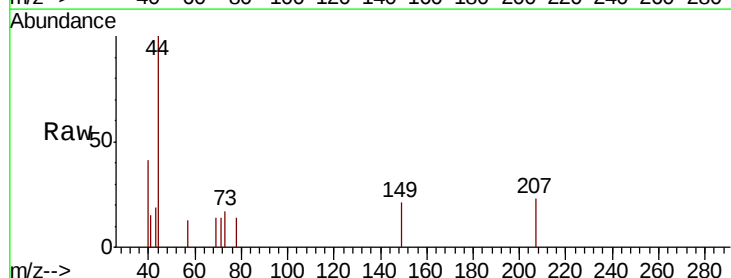
Tgt Ion:149 Resp: 283

Ion Ratio Lower Upper

149 100

177 0.0 18.1 27.1#

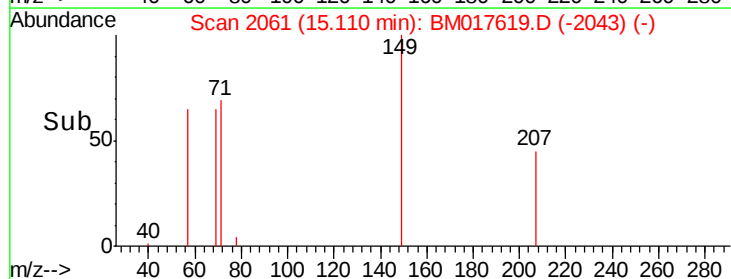
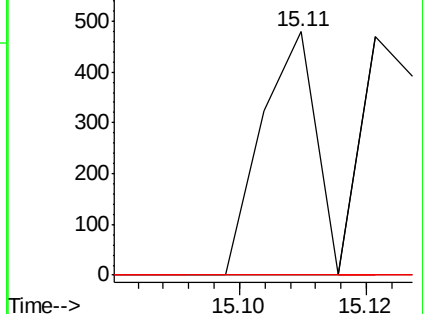
150 0.0 9.9 14.9#

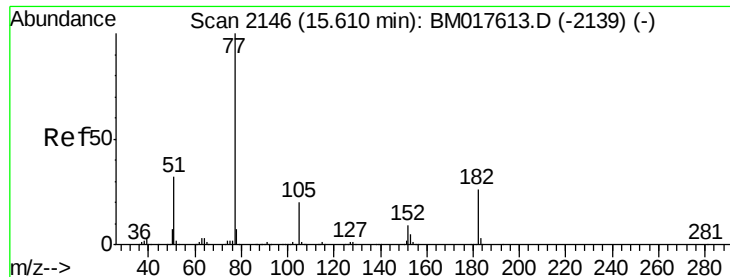


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

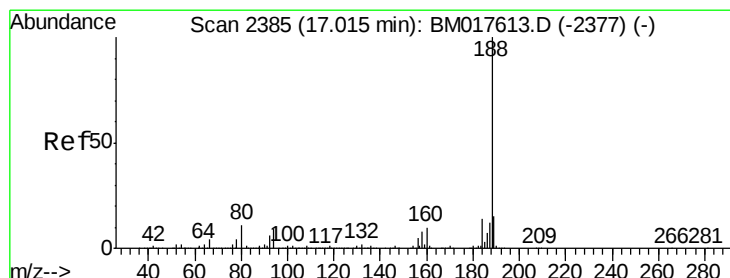
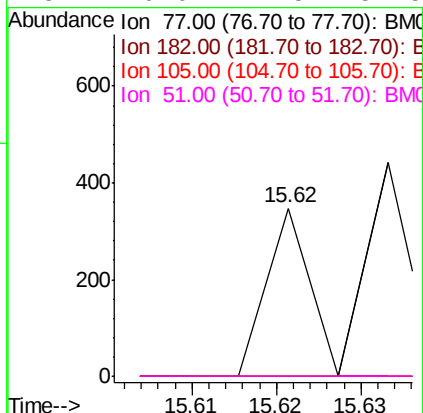
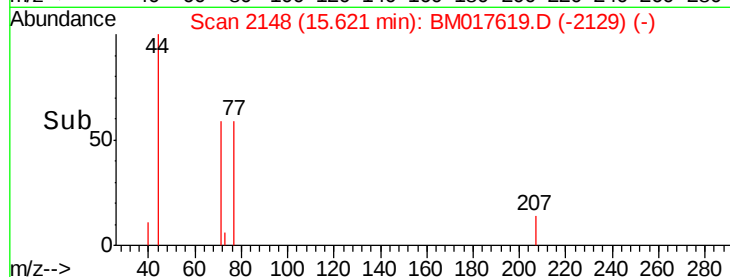
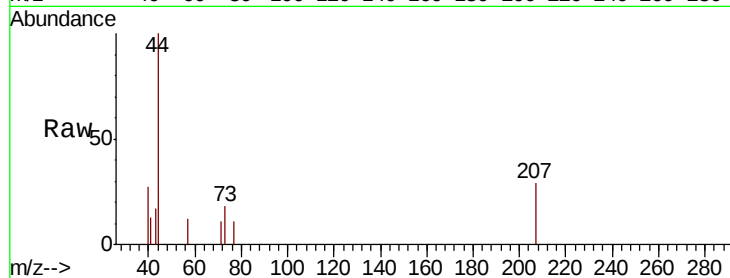




#63
Azobenzene
Concen: 0.003 ng
RT: 15.62 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

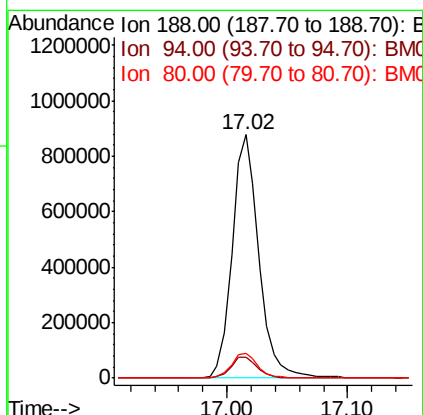
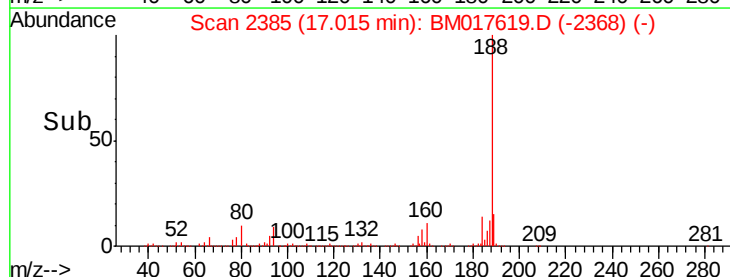
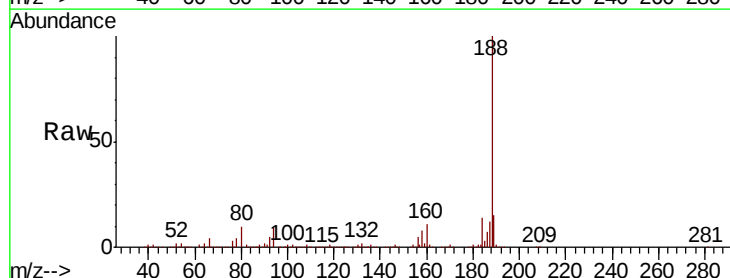
Instrument :
BNA_M
ClientSampleId :
RT-3263

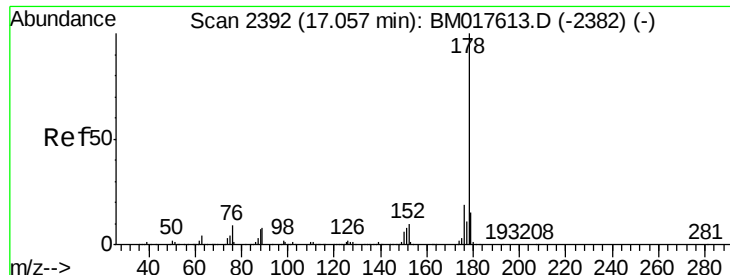
Tgt Ion: 77 Resp: 123
Ion Ratio Lower Upper
77 100
182 0.0 5.8 45.8#
105 0.0 0.0 40.0
51 0.0 12.5 52.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion: 188 Resp: 1353796
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 10.3 8.6 13.0

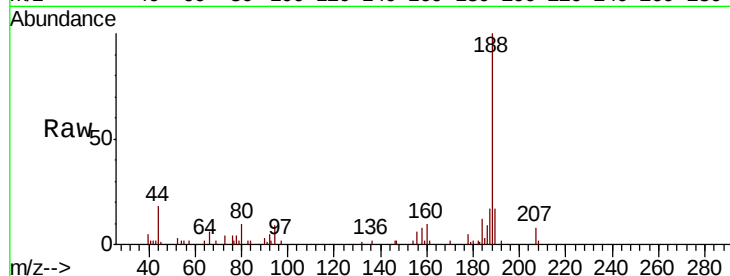




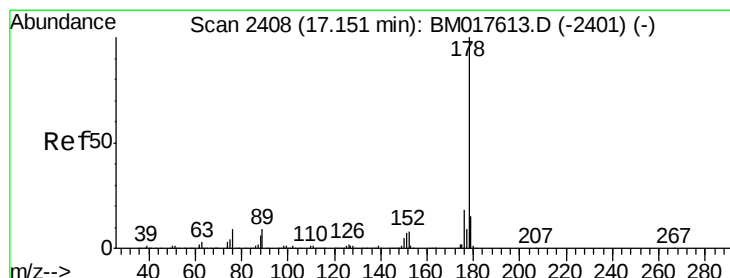
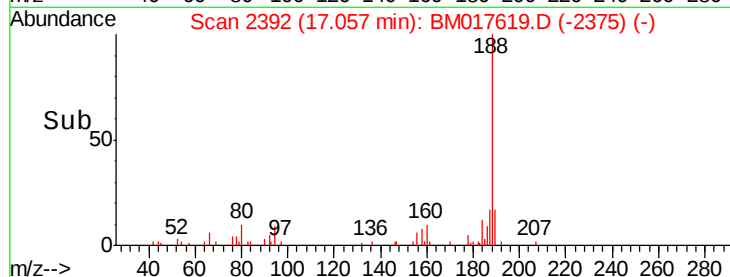
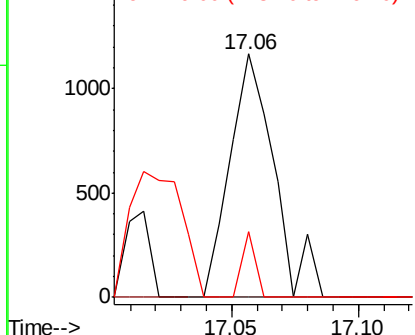
#71
Phenanthrene
Concen: 0.019 ng
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Instrument :
BNA_M
ClientSampleId :
RT-3263

Tgt Ion:178 Resp: 1416
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.4#
179 27.0 12.4 18.6#

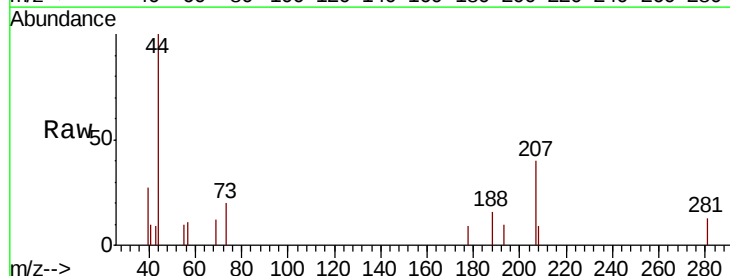


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

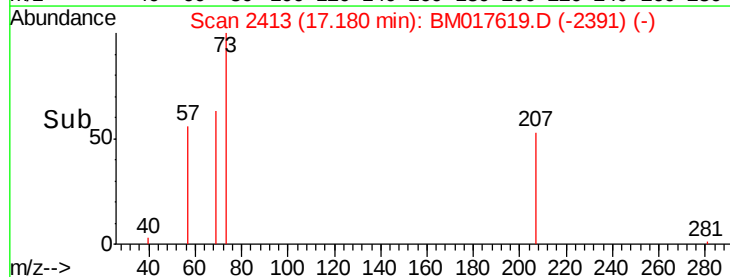
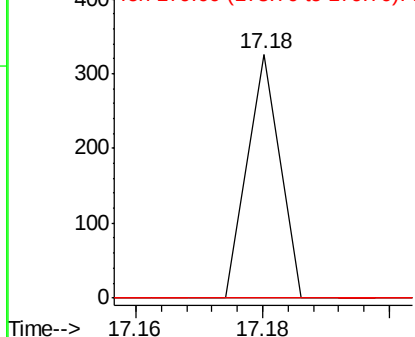


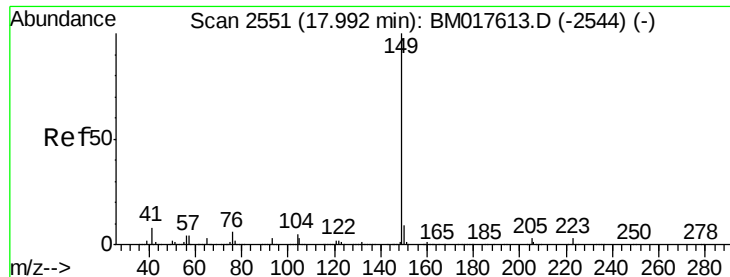
#72
Anthracene
Concen: 0.002 ng
RT: 17.18 min Scan# 2413
Delta R.T. 0.03 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion:178 Resp: 115
Ion Ratio Lower Upper
178 100
176 0.0 14.5 21.7#
179 0.0 12.3 18.5#



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





#74

Di-n-butylphthalate

Concen: 0.032 ng

RT: 18.00 min Scan# 2553

Delta R.T. 0.01 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

Instrument :

BNA_M

ClientSampleId :

RT-3263

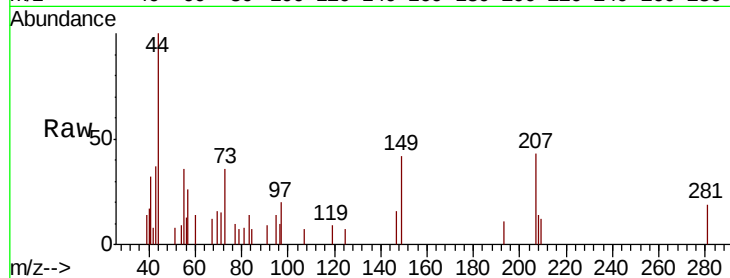
Tgt Ion:149 Resp: 2561

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

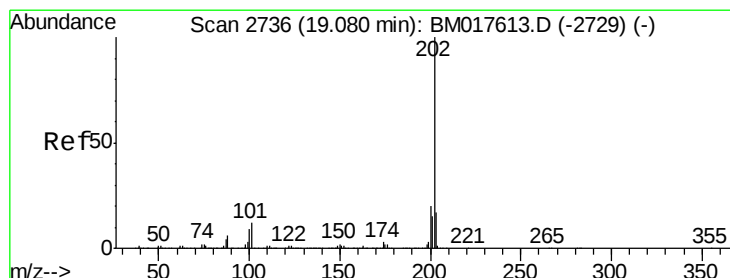
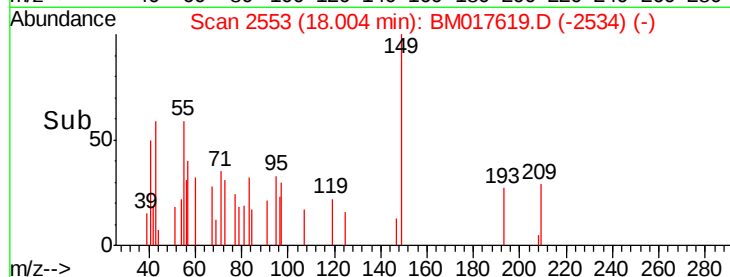
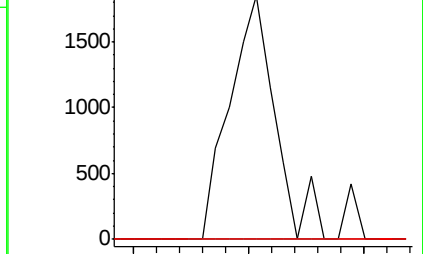
104 0.0 4.3 6.5#



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: 0.019 ng

RT: 19.10 min Scan# 2740

Delta R.T. 0.02 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

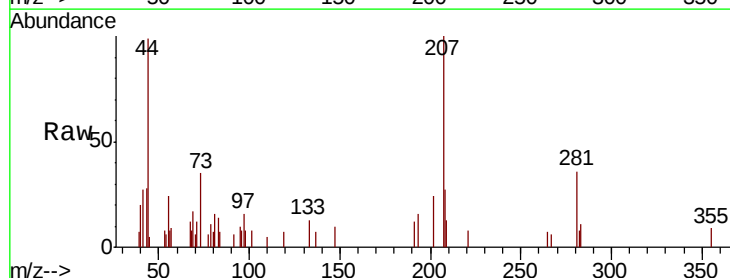
Tgt Ion:202 Resp: 1544

Ion Ratio Lower Upper

202 100

101 35.6 0.0 31.5#

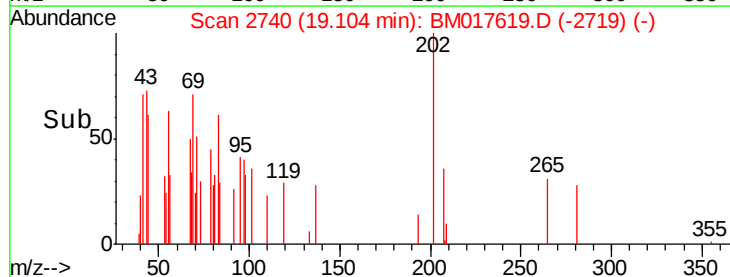
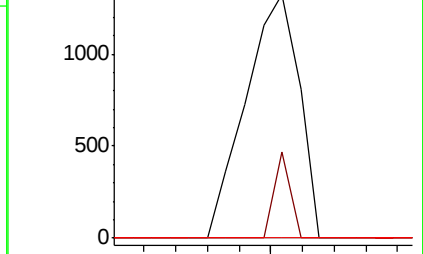
203 0.0 0.0 37.2

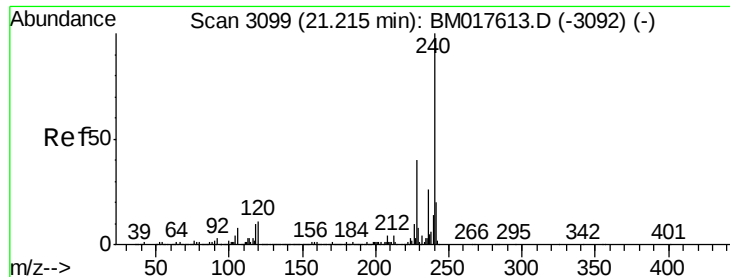


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

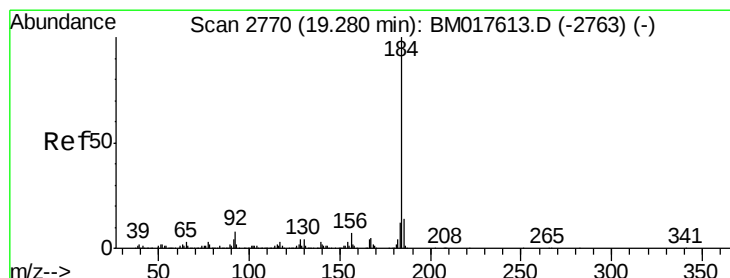
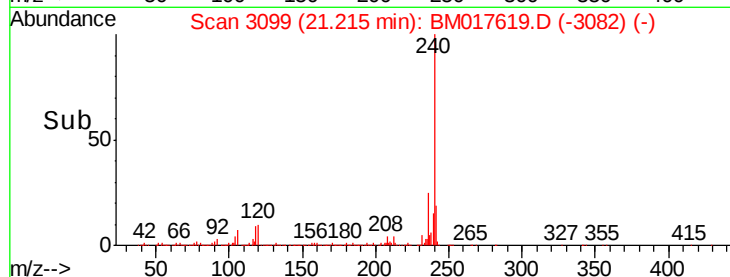
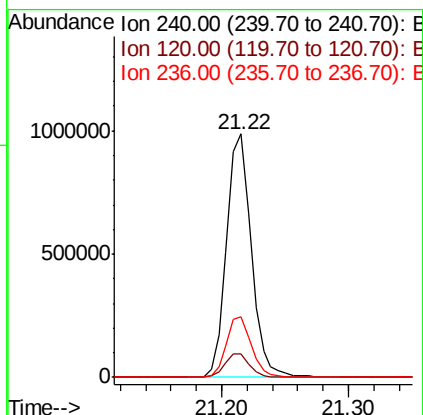
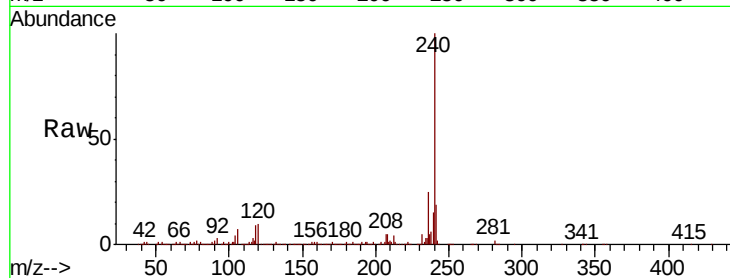




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

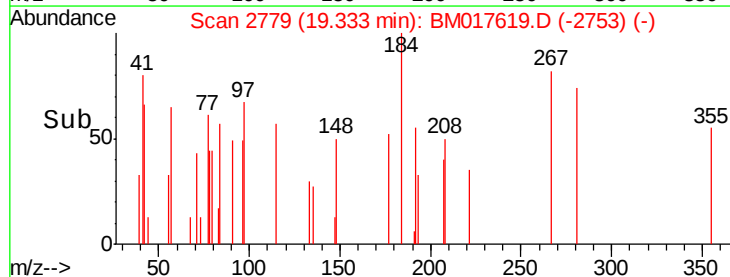
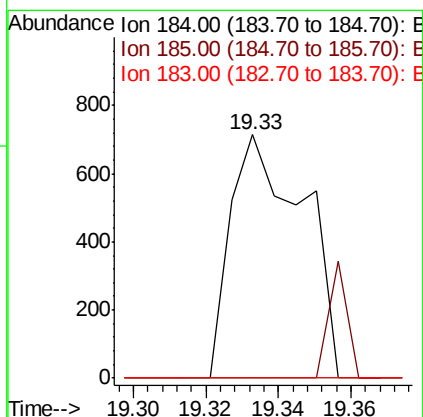
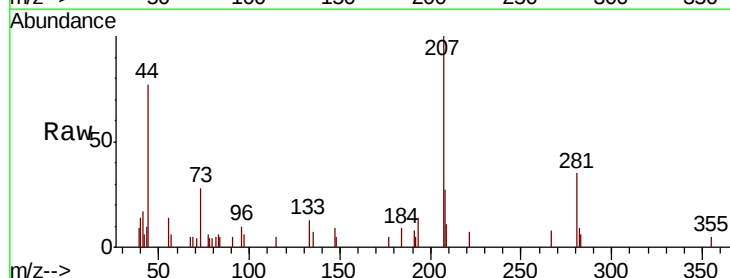
Instrument :
BNA_M
ClientSampled :
RT-3263

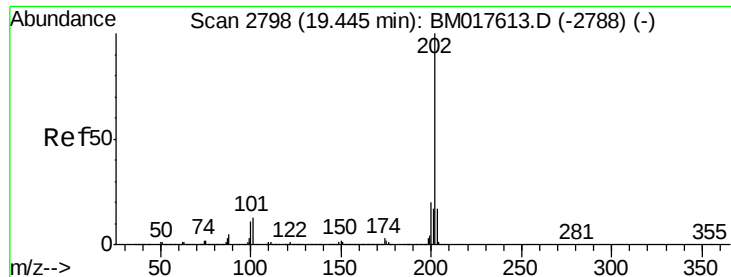
Tgt Ion:240 Resp: 1339415
Ion Ratio Lower Upper
240 100
120 9.8 8.5 12.7
236 24.8 20.4 30.6



#77
Benzidine
Concen: 0.023 ng
RT: 19.33 min Scan# 2779
Delta R.T. 0.05 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion:184 Resp: 999
Ion Ratio Lower Upper
184 100
185 0.0 11.2 16.8#
183 0.0 9.5 14.3#





#78

Pyrene

Concen: 0.027 ng

RT: 19.46 min Scan# 2800

Delta R.T. 0.01 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

Instrument :

BNA_M

ClientSampleId :

RT-3263

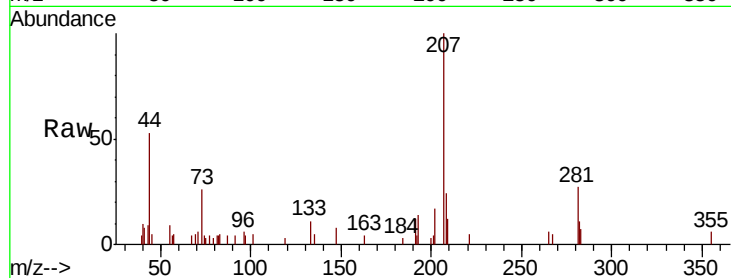
Tgt Ion:202 Resp: 2219

Ion Ratio Lower Upper

202 100

200 19.4 16.4 24.6

203 0.0 13.8 20.8#

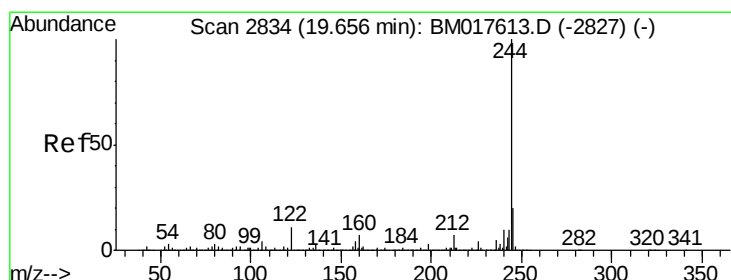
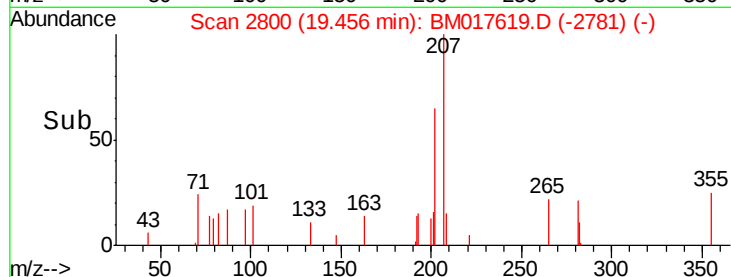
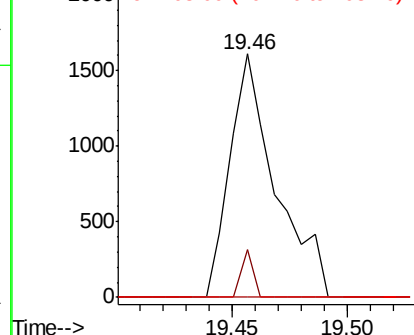


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 73.337 ng

RT: 19.66 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

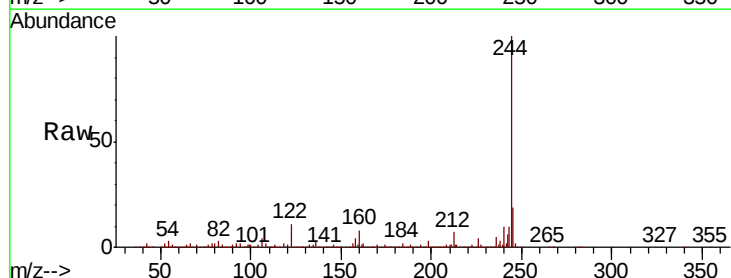
Tgt Ion:244 Resp: 4334103

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.7 9.0 13.6

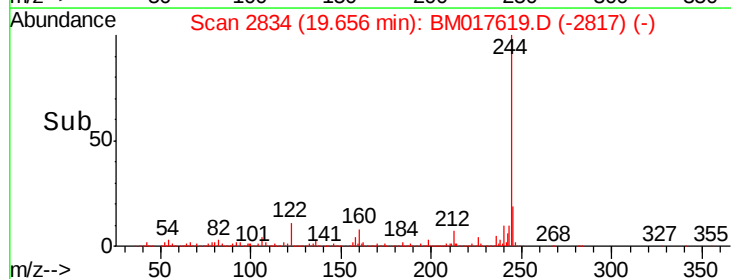
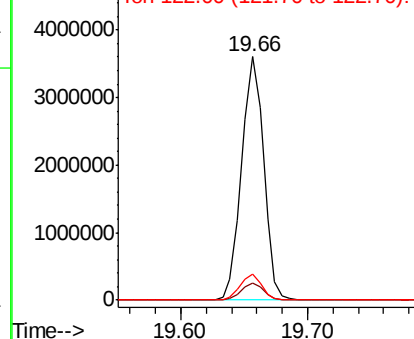


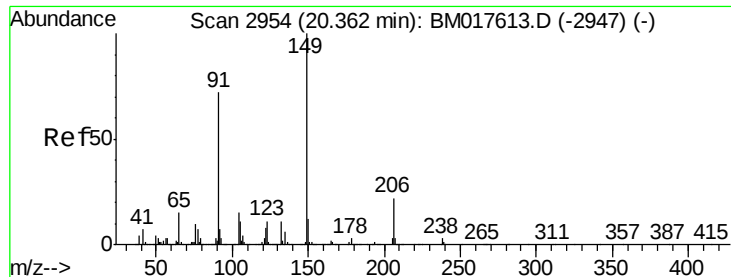
Abundance

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

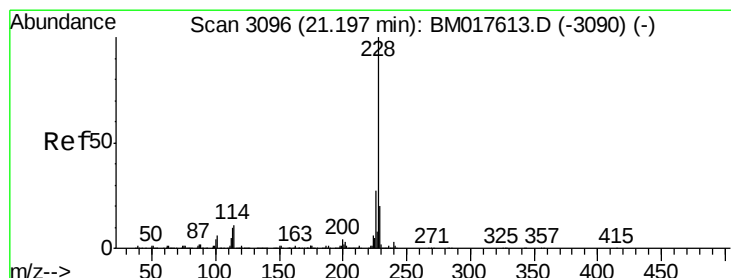
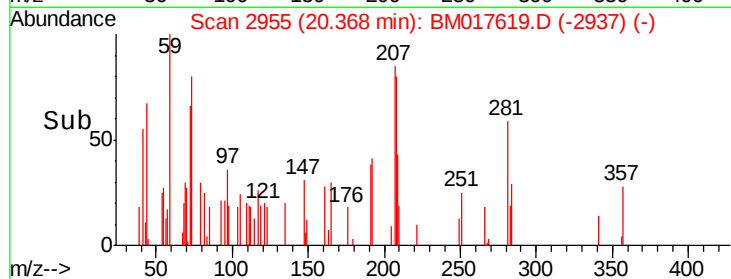
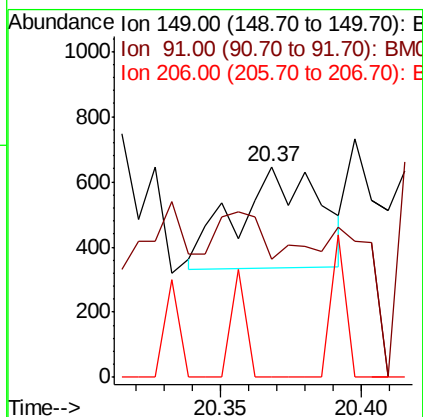
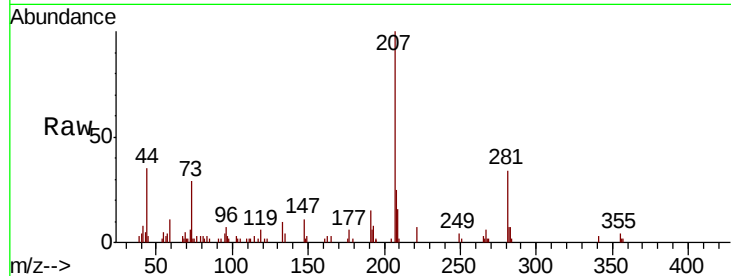




#80
Butylbenzylphthalate
Concen: 0.019 ng
RT: 20.37 min Scan# 2955
Delta R.T. 0.01 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

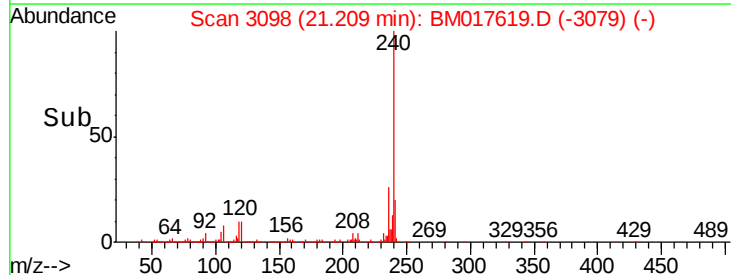
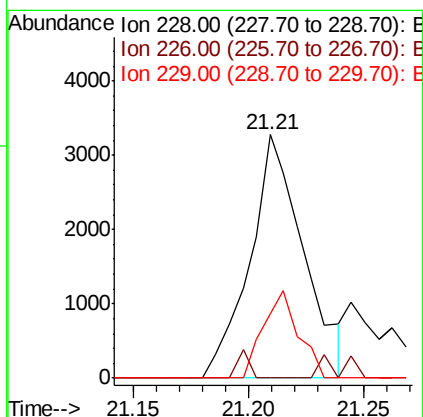
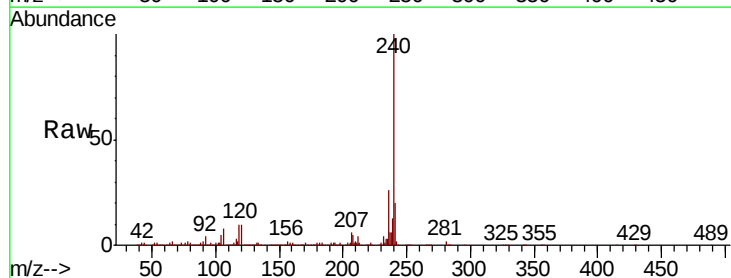
Instrument :
BNA_M
ClientSampleId :
RT-3263

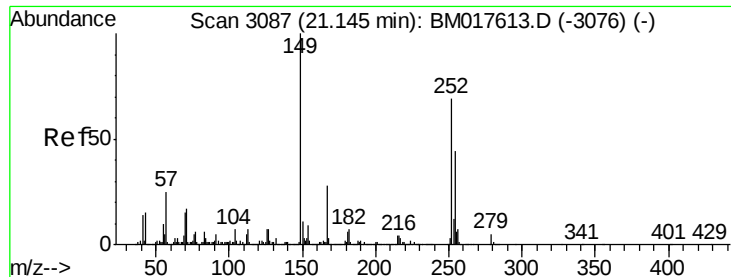
Tgt Ion: 149 Resp: 627
Ion Ratio Lower Upper
149 100
91 55.8 57.6 86.4#
206 0.0 17.4 26.0#



#81
Benzo(a)anthracene
Concen: 0.069 ng
RT: 21.21 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion: 228 Resp: 5297
Ion Ratio Lower Upper
228 100
226 0.0 21.3 31.9#
229 26.5 16.0 24.0#

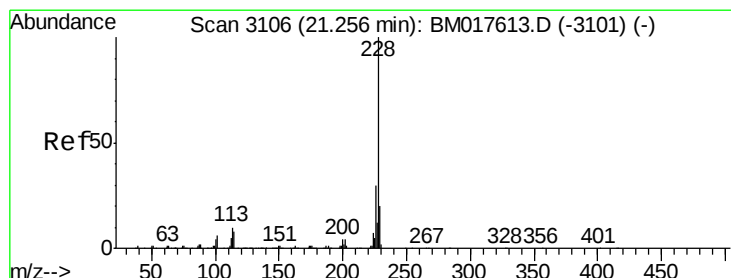
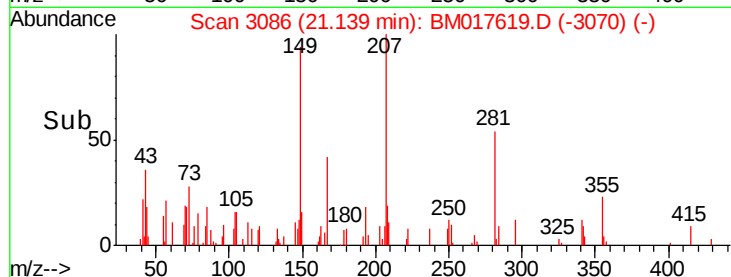
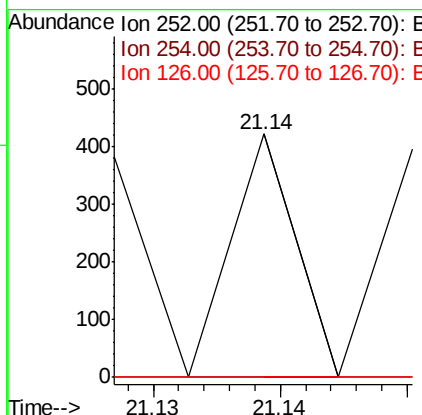
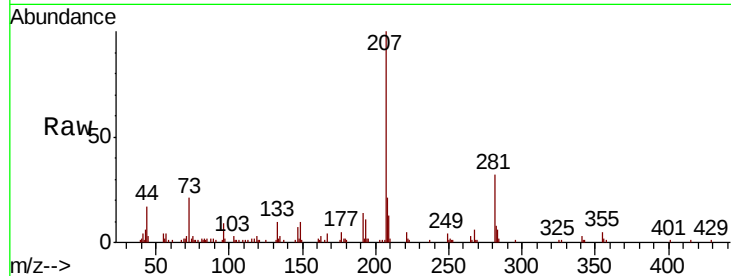




#82
 3,3'-Dichlorobenzidine
 Concen: 0.005 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.01 min
 Lab File: BM017619.D
 Acq: 12 Nov 2018 18:56

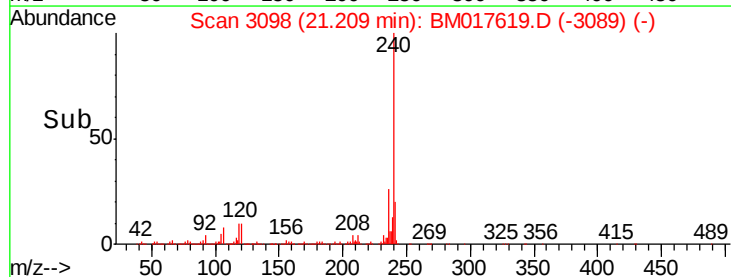
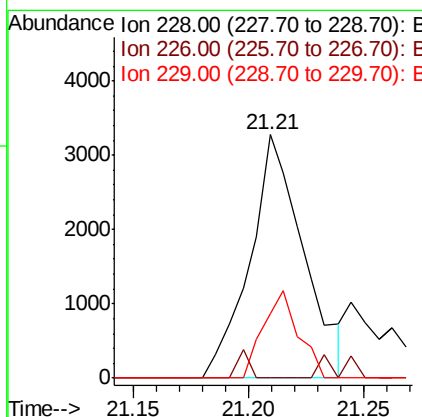
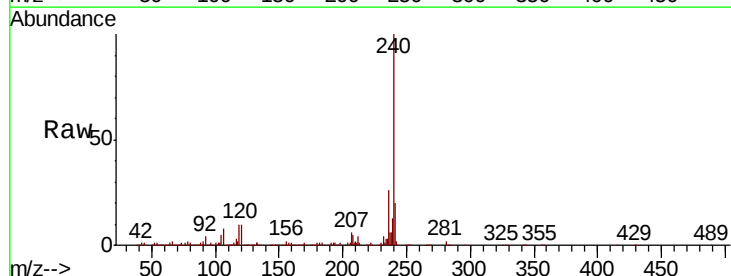
Instrument :
 BNA_M
 ClientSampled :
 RT-3263

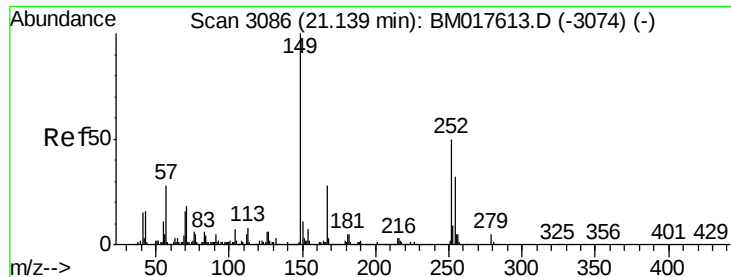
Tgt Ion: 252 Resp: 149
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.2#
 126 0.0 8.0 12.0#



#83
 Chrysene
 Concen: 0.071 ng
 RT: 21.21 min Scan# 3098
 Delta R.T. -0.05 min
 Lab File: BM017619.D
 Acq: 12 Nov 2018 18:56

Tgt Ion: 228 Resp: 5297
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.6 35.4#
 229 26.5 15.8 23.6#

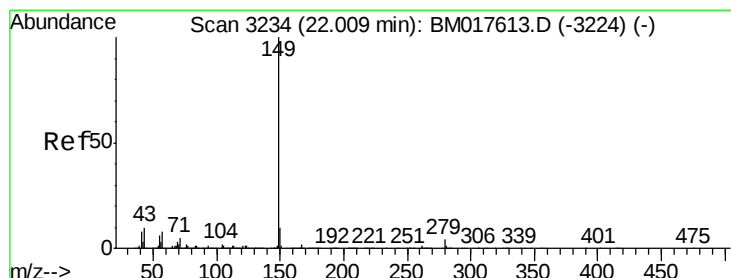
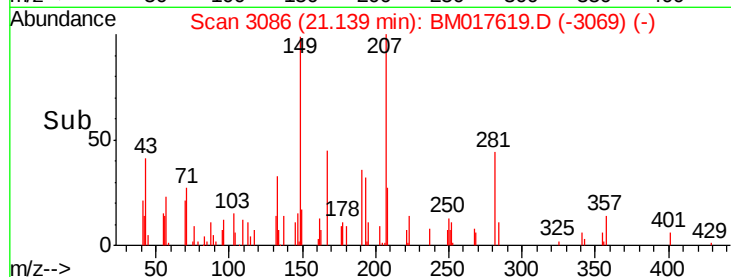
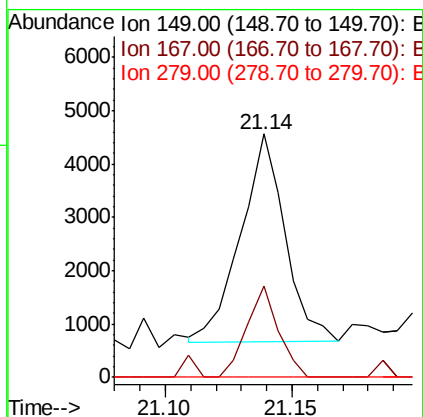
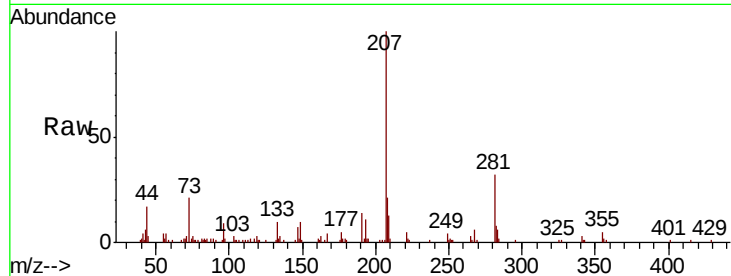




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.096 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: BM017619.D
 Acq: 12 Nov 2018 18:56

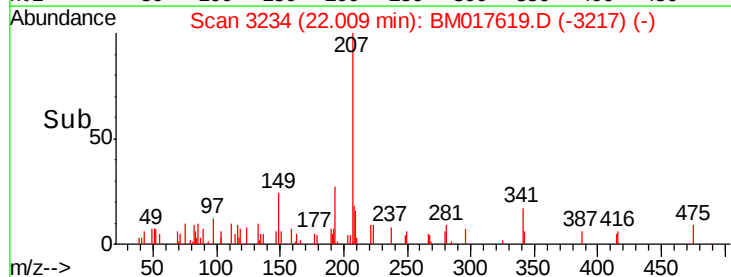
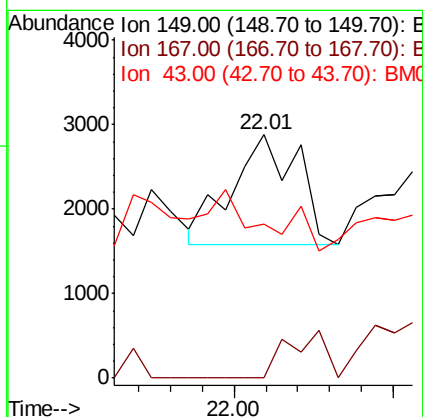
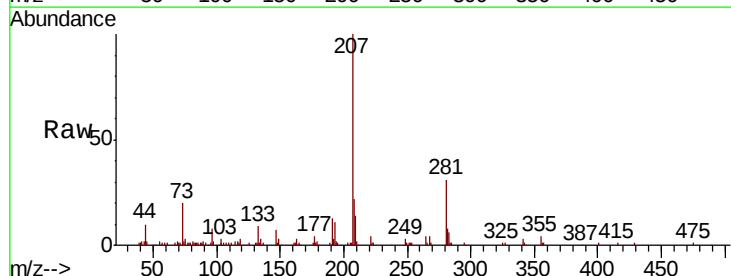
Instrument :
 BNA_M
 ClientSampleId :
 RT-3263

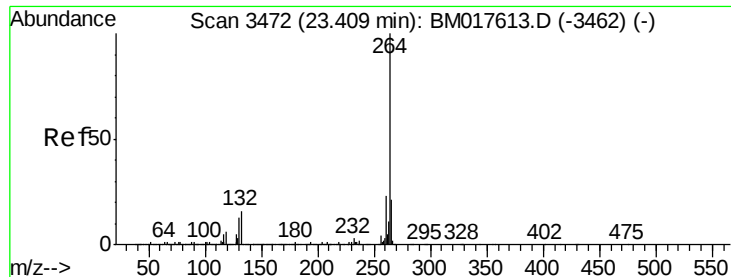
Tgt Ion:149 Resp: 4777
 Ion Ratio Lower Upper
 149 100
 167 37.3 22.2 33.4#
 279 0.0 3.7 5.5#



#85
 Di-n-octyl phthalate
 Concen: 0.024 ng
 RT: 22.01 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: BM017619.D
 Acq: 12 Nov 2018 18:56

Tgt Ion:149 Resp: 1877
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 46.4 8.3 12.5#





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

Instrument :

BNA_M

ClientSampleId :

RT-3263

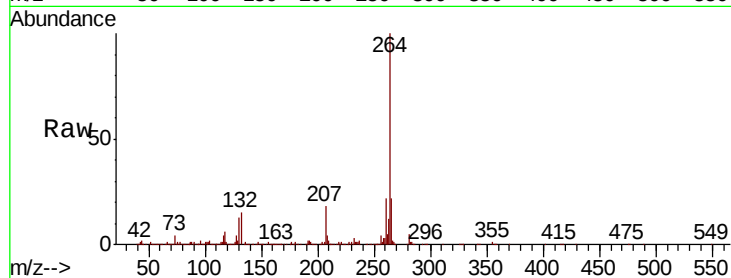
Tgt Ion:264 Resp: 1176760

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.2

265 22.3 17.5 26.3

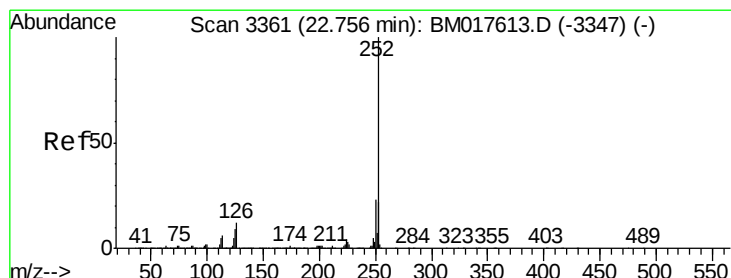
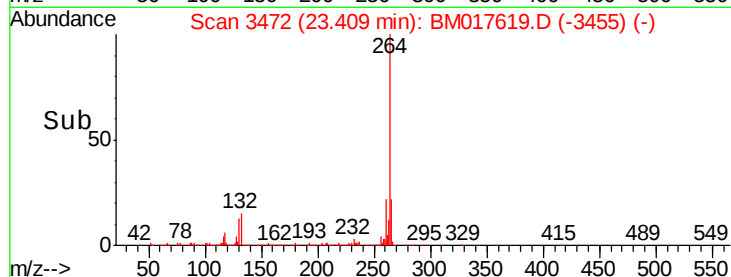
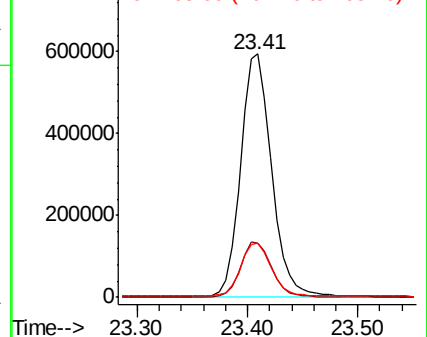


Abundance

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: 0.038 ng

RT: 22.76 min Scan# 3362

Delta R.T. 0.01 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

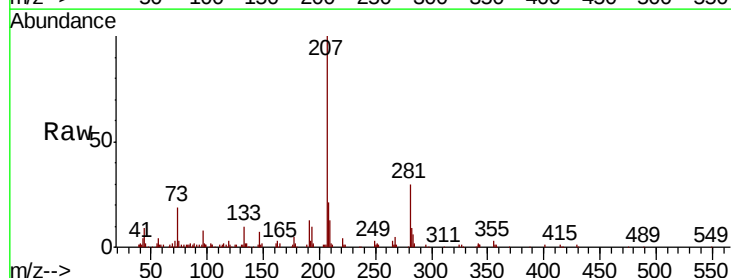
Tgt Ion:252 Resp: 2648

Ion Ratio Lower Upper

252 100

253 94.3 17.3 25.9#

125 70.8 7.6 11.4#

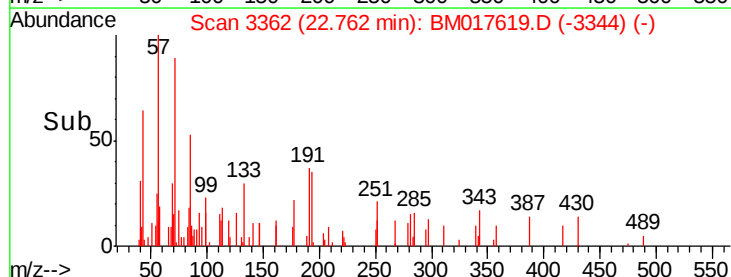
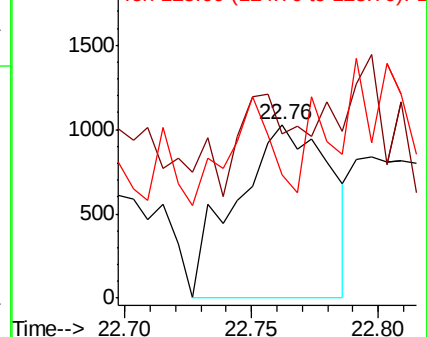


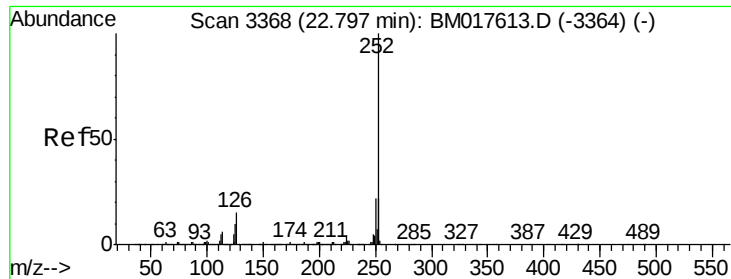
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 0.038 ng

RT: 22.76 min Scan# 3362

Delta R.T. -0.04 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

Instrument :

BNA_M

ClientSampleId :

RT-3263

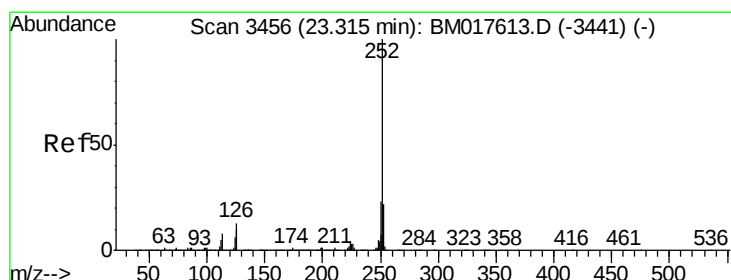
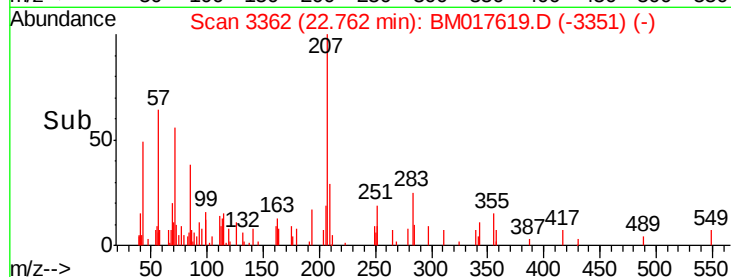
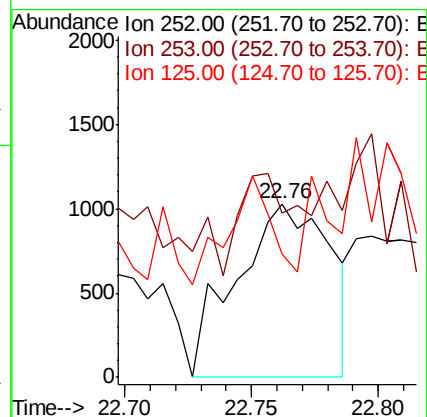
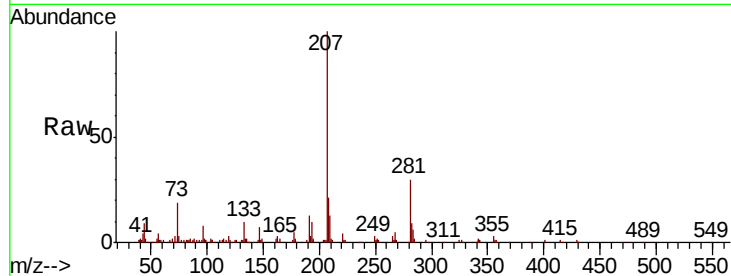
Tgt Ion:252 Resp: 2648

Ion Ratio Lower Upper

252 100

253 94.3 17.7 26.5#

125 70.8 7.9 11.9#



#90

Benzo(a)pyrene

Concen: 0.013 ng

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

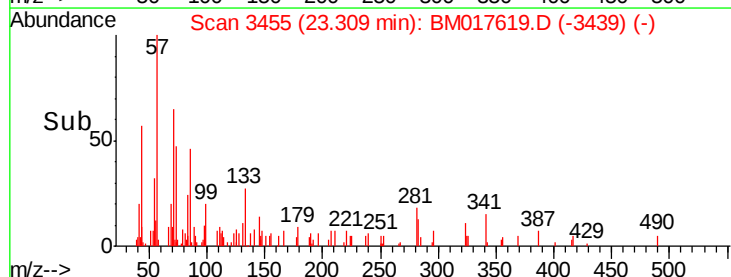
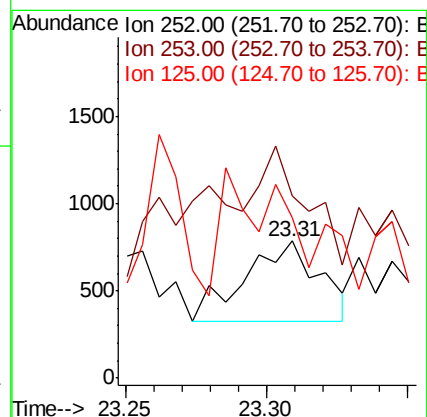
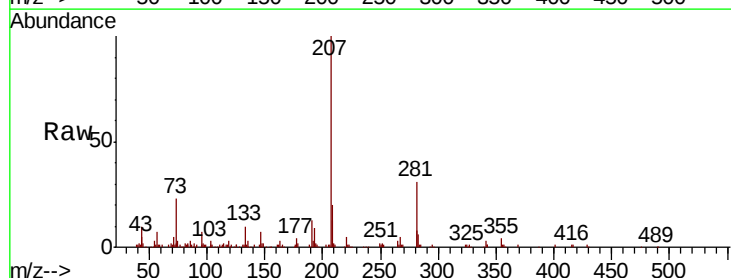
Tgt Ion:252 Resp: 845

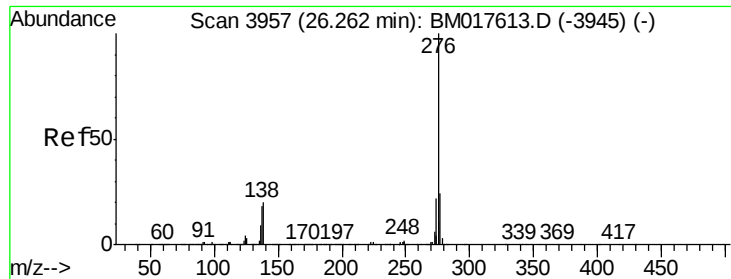
Ion Ratio Lower Upper

252 100

253 132.8 17.4 26.2#

125 184.0 8.2 12.2#





#92

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 26.33 min Scan# 3969

Delta R.T. 0.07 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

Instrument :

BNA_M

ClientSampleId :

RT-3263

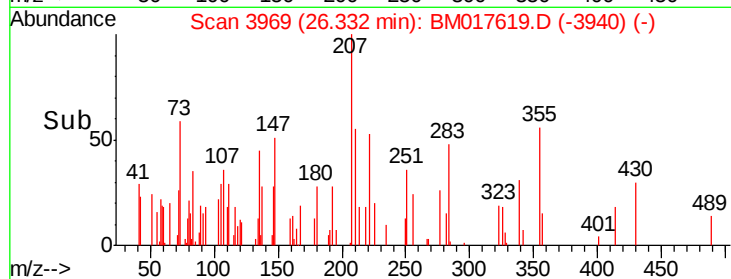
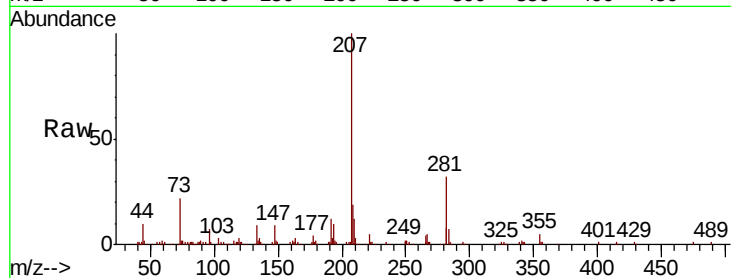
Tgt Ion: 276 Resp: 156

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 0.0 15.9 23.9#



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

