

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
 Data File : BM021687.D
 Acq On : 27 Jul 2019 13:44
 Operator : HP/JU
 Sample : K3893-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 29 04:49:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 26 18:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	177150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	702339	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	402313	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	720814	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	691029	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	847341	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	14920	4.05	ng/uL	0.00
5) Phenol-d5	6.86	99	309351	23.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	198251	25.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	285721	25.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	249711	22.33	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	146901	27.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	161945	27.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	306240	24.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	276463	23.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	872671	28.11	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1011130	27.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	53722	11.40	ng/ul	0.00
57) Fluorene-d10	15.33	176	719244	26.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	17300	3.86	ng/ul	0.00
70) Anthracene-d10	17.18	188	988458	27.25	ng/ul	0.00
78) Pyrene-d10	19.48	212	1037519	26.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1218299	27.17	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.25	88	96	0.026	ng/uL# 2
4) Benzaldehyde	6.85	77	1006	0.153	ng/ul# 62
6) Phenol	6.89	94	6995	0.492	ng/ul 89
8) Bis(2-Chloroethyl)ether	7.22	93	243	0.023	ng/ul# 1
12) 2,2'-oxybis(1-Chloropropan	8.20	45	223	0.016	ng/ul# 1
14) Acetophenone	8.52	105	14762	0.793	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.39	70	6598	0.723	ng/ul# 1
16) 4-Methylphenol	8.45	108	1207	0.100	ng/ul# 73
20) Nitrobenzene	8.91	77	236	0.017	ng/ul# 42
21) Isophorone	9.56	82	14343	0.569	ng/ul# 72
28) Naphthalene	10.51	128	4815	0.124	ng/ul# 83
30) 4-Chloroaniline	10.65	127	24556	1.955	ng/ul 97
34) 2-Methylnaphthalene	12.13	142	2933	0.102	ng/ul 96
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	327	0.021	ng/ul# 25
40) 1,1'-Biphenyl	13.16	154	891	0.026	ng/ul# 42
44) Dimethylphthalate	13.79	163	158826	4.928	ng/ul 99
45) 2,6-Dinitrotoluene	13.87	165	367	0.068	ng/ul# 1
47) Acenaphthylene	14.05	152	13685	0.346	ng/ul 95
48) 3-Nitroaniline	14.26	138	129	0.030	ng/ul# 37
49) Acenaphthene	14.39	153	7118	0.258	ng/ul 88
52) 4-Nitrophenol	14.59	109	907	0.213	ng/ul# 6
53) Dibenzofuran	14.73	168	5148	0.127	ng/ul 95
54) 2,4-Dinitrotoluene	14.73	165	957	0.114	ng/ul# 88

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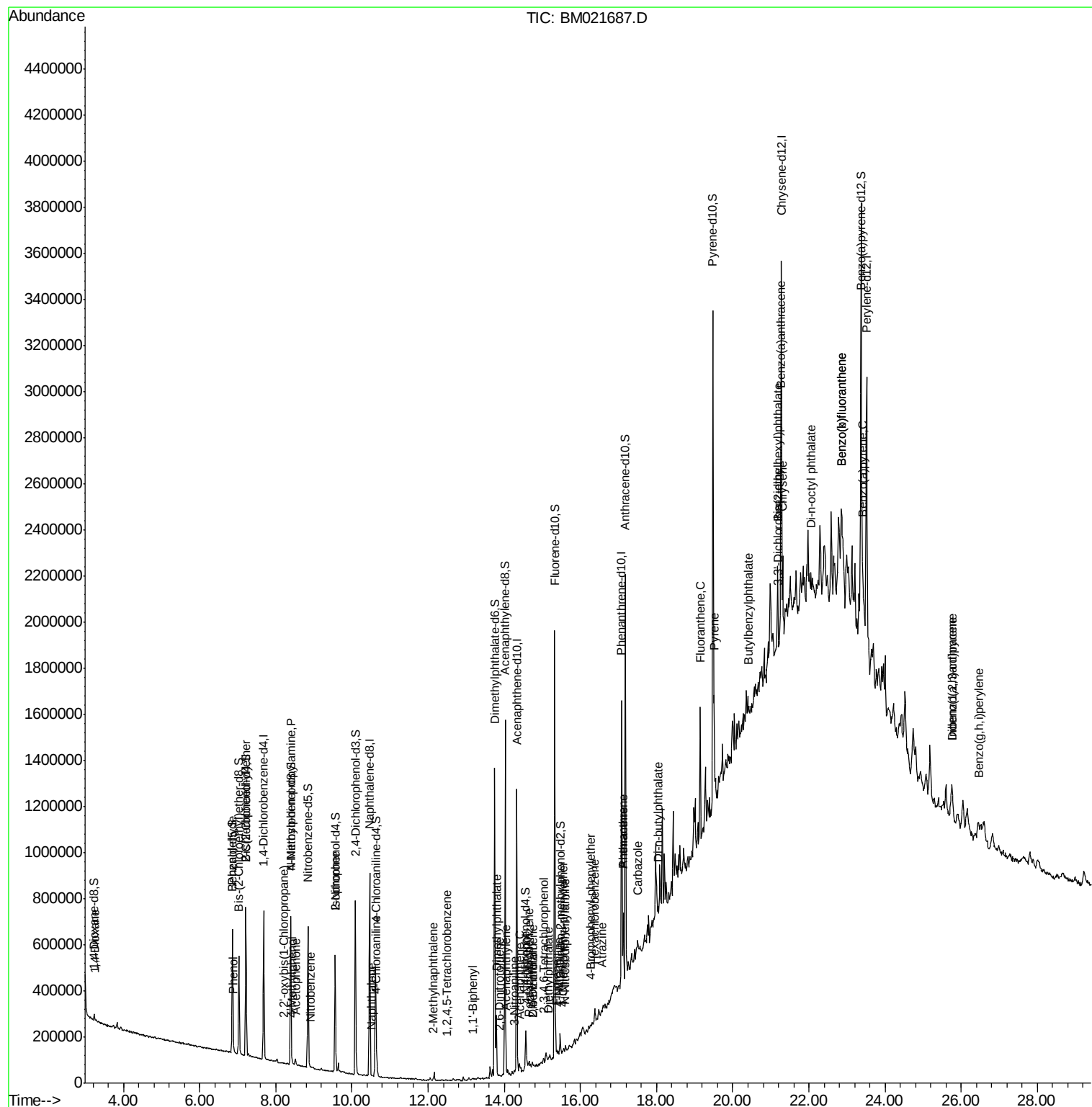
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 2,3,4,6-Tetrachlorophenol	15.03	232	368	0.042	ng/ul#	14
56) Diethylphthalate	15.16	149	3429	0.112	ng/ul#	66
58) Fluorene	15.38	166	9740	0.301	ng/ul	88
59) 4-Chlorophenyl-phenylether	15.54	204	414	0.023	ng/ul	95
60) 4-Nitroaniline	15.43	138	536	0.121	ng/ul#	1
64) N-Nitrosodiphenylamine	15.59	169	1089	0.046	ng/ul#	36
65) 4-Bromophenyl-phenylether	16.27	248	492	0.050	ng/ul#	1
66) Hexachlorobenzene	16.38	284	8773	0.770	ng/ul#	86
67) Atrazine	16.57	200	391	0.047	ng/ul#	1
69) Phenanthrene	17.12	178	168333	3.877	ng/ul	100
71) Anthracene	17.12	178	169317	3.807	ng/ul	98
73) Pentachlorobenzene	14.64	250	4355	0.317	ng/uL	96
74) Carbazole	17.50	167	18822	0.511	ng/ul#	82
75) Di-n-butylphthalate	18.05	149	13134	0.323	ng/ul#	75
76) Fluoranthene	19.14	202	344496	6.802	ng/ul	99
79) Pyrene	19.51	202	289968	5.624	ng/ul	100
80) Butylbenzylphthalate	20.41	149	9172	0.577	ng/ul#	56
81) 3,3'-Dichlorobenzidine	21.20	252	782	0.062	ng/ul#	66
82) Benzo(a)anthracene	21.26	228	166515	3.309	ng/ul#	94
83) Bis(2-ethylhexyl)phthalate	21.18	149	53445	2.334	ng/ul#	92
84) Chrysene	21.31	228	168131	3.544	ng/ul#	94
86) Di-n-octyl phthalate	22.05	149	2166	0.043	ng/ul	100
87) Benzo(b)fluoranthene	22.84	252	252556	4.381	ng/ul#	86
88) Benzo(k)fluoranthene	22.84	252	252556	4.481	ng/ul#	86
90) Benzo(a)pyrene	23.41	252	154519	2.863	ng/ul#	87
91) Indeno(1,2,3-cd)pyrene	25.76	276	122811	1.962	ng/ul	98
92) Dibenzo(a,h)anthracene	25.76	278	32481	0.624	ng/ul#	70
93) Benzo(a,h,i)perylene	26.45	276	107094	2.058	ng/ul#	92

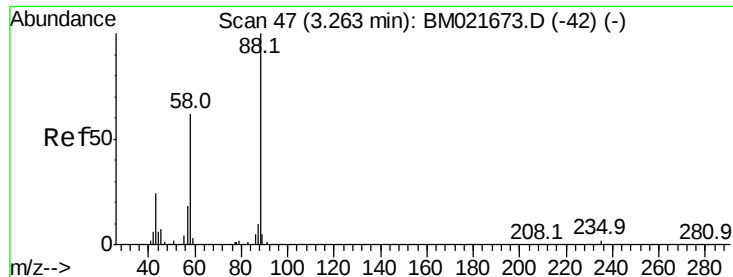
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.026 ng/uL

RT: 3.25 min Scan# 45

Delta R.T. -0.01 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

ClientSampled :

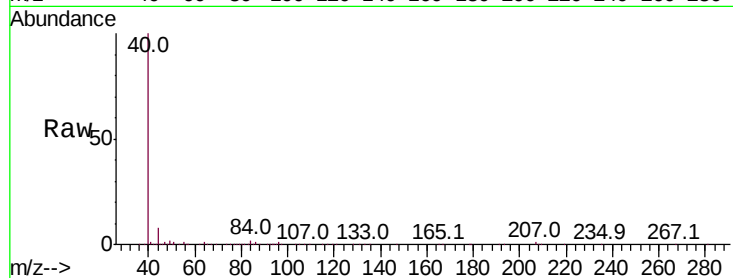
Tot Ion: 88 Resp: 96

Ion Ratio Lower Upper

88 100

43 110.5 28.2 42.2#

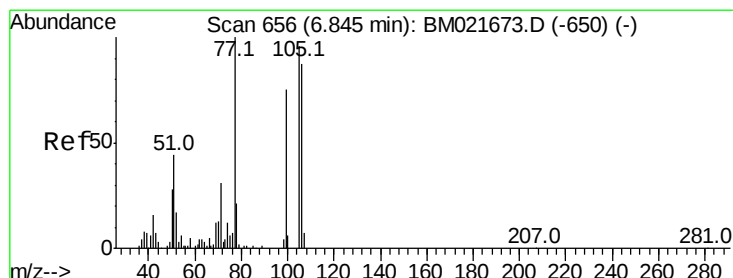
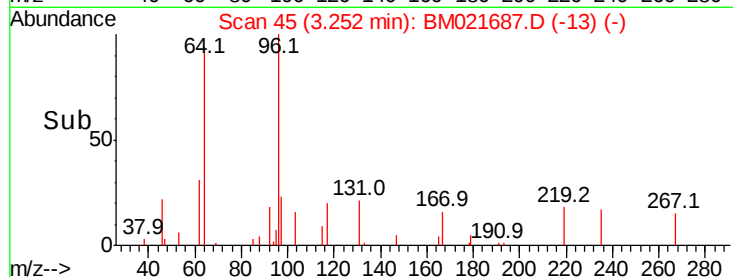
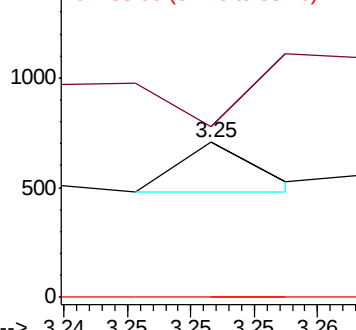
58 0.0 49.9 74.9#



Abundance Ion 88.00 (87.70 to 88.70): BM021673.D (-42) (-)

Ion 43.00 (42.70 to 43.70): BM021673.D (-42) (-)

Ion 58.00 (57.70 to 58.70): BM021673.D (-42) (-)



#4

Benzaldehyde

Concen: 0.153 ng/uL

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

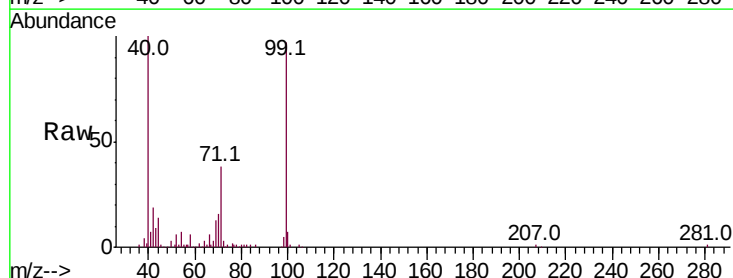
Tgt Ion: 77 Resp: 1006

Ion Ratio Lower Upper

77 100

105 68.2 76.6 115.0#

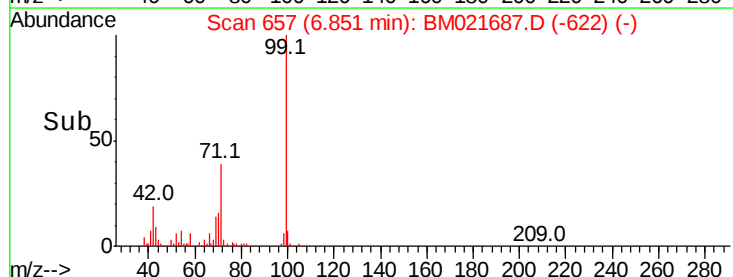
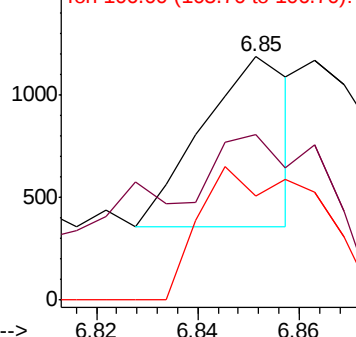
106 42.7 69.9 104.9#

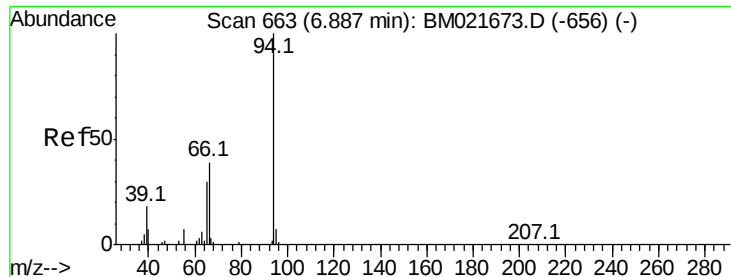


Abundance Ion 77.00 (76.70 to 77.70): BM021673.D (-650) (-)

Ion 105.00 (104.70 to 105.70): BM021673.D (-650) (-)

Ion 106.00 (105.70 to 106.70): BM021673.D (-650) (-)





#6

Phenol

Concen: 0.492 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. 0.01 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

ClientSampleId :

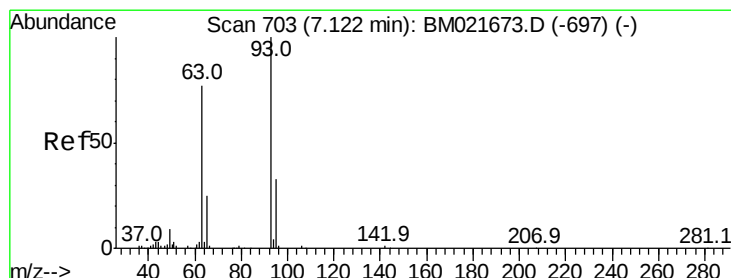
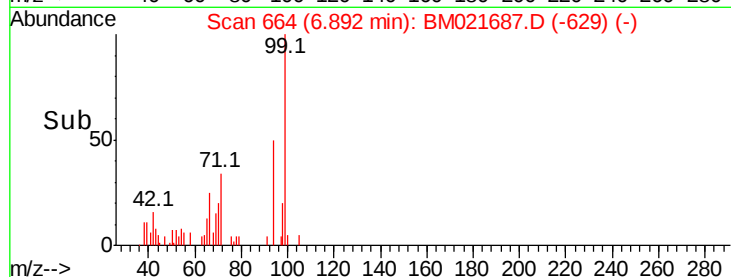
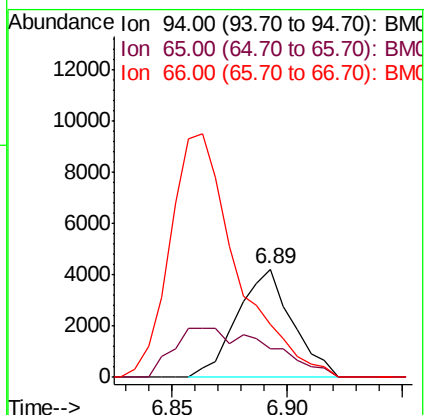
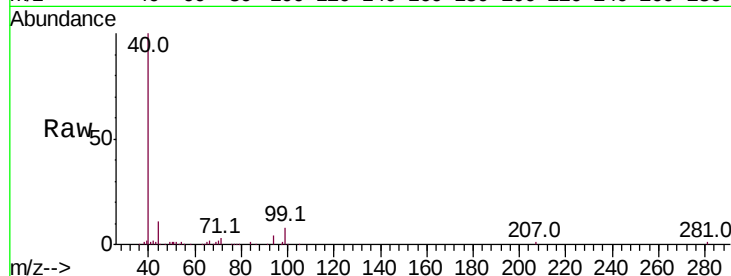
Tot Ion: 94 Resp: 6995

Ion Ratio Lower Upper

94 100

65 26.3 24.8 37.2

66 49.1 33.0 49.4



#8

Bis(2-Chloroethyl)ether

Concen: 0.023 ng/ul

RT: 7.22 min Scan# 720

Delta R.T. 0.10 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

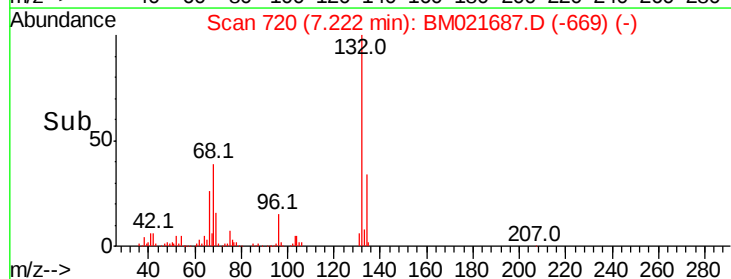
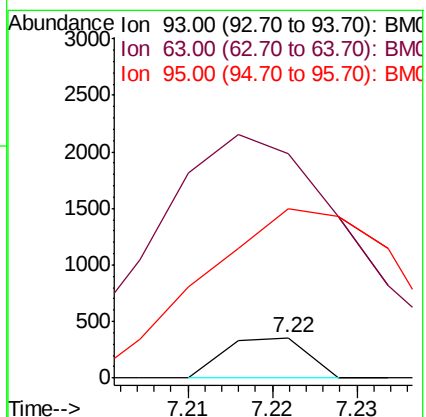
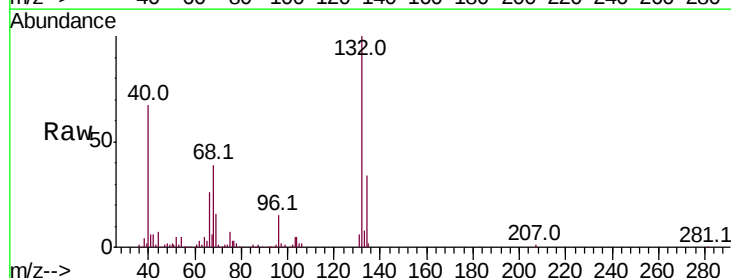
Tgt Ion: 93 Resp: 243

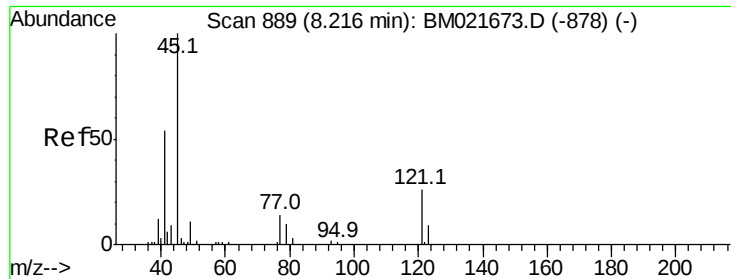
Ion Ratio Lower Upper

93 100

63 559.9 61.2 91.8#

95 422.6 26.2 39.4#

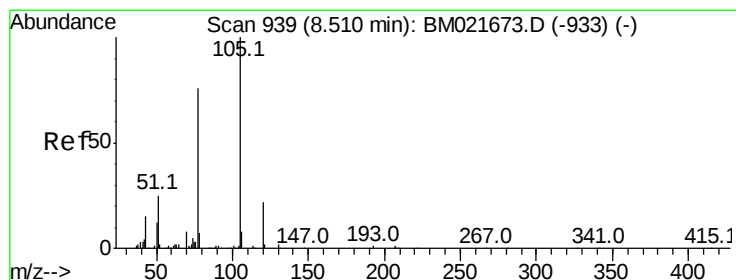
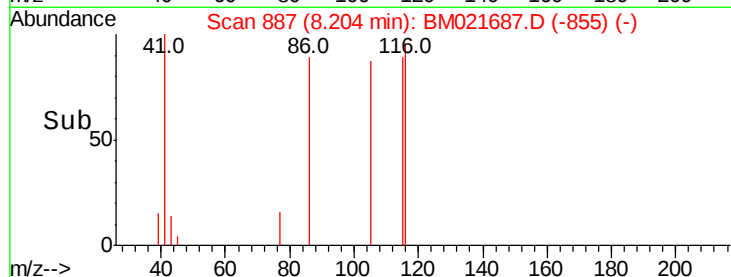
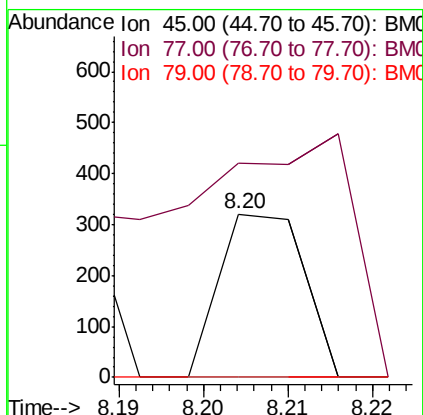
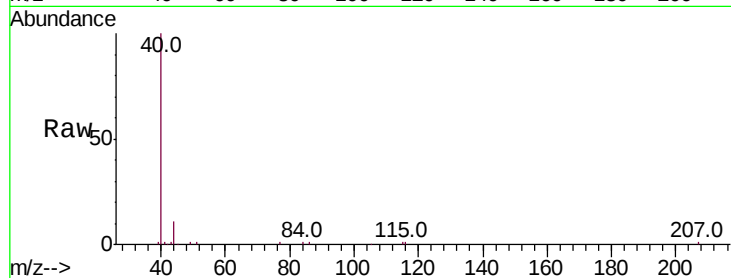




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 0.016 ng/ul
RT: 8.20 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

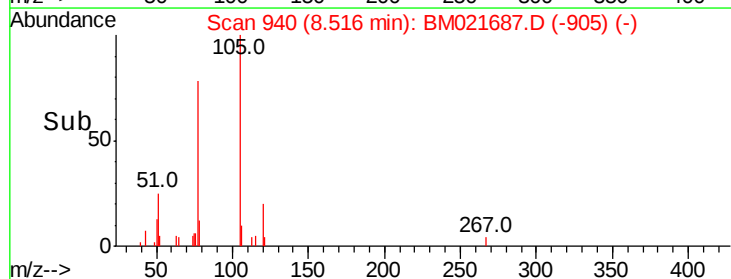
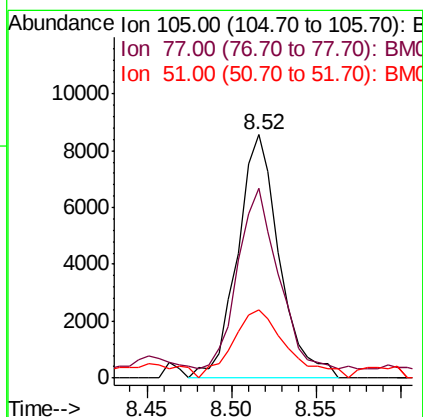
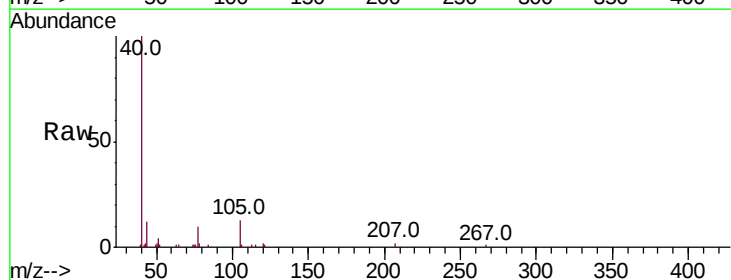
Instrument :
BNA_M
ClientSampleId :

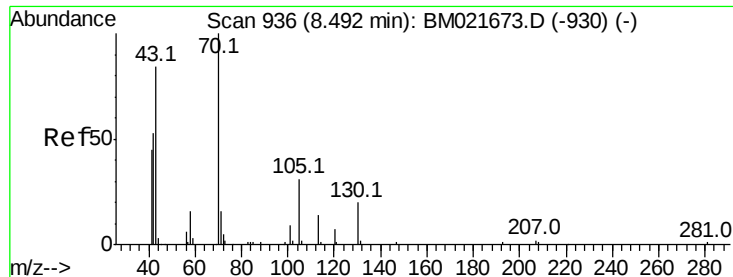
Tot Ion: 45 Resp: 223
Ion Ratio Lower Upper
45 100
77 131.6 13.8 20.8#
79 0.0 10.8 16.2#



#14
Acetophenone
Concen: 0.793 ng/ul
RT: 8.52 min Scan# 940
Delta R.T. 0.01 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion: 105 Resp: 14762
Ion Ratio Lower Upper
105 100
77 77.8 65.1 97.7
51 28.2 21.3 31.9





#15

N-Nitroso-di-n-propylamine

Concen: 0.723 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. -0.10 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 6598

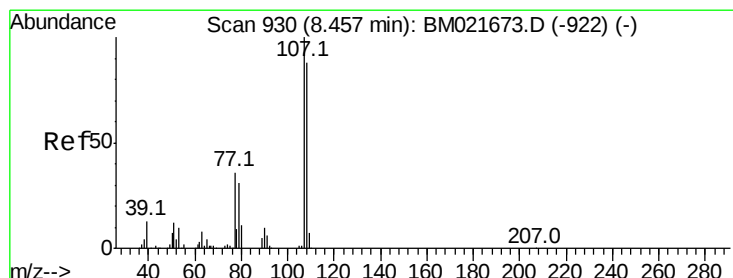
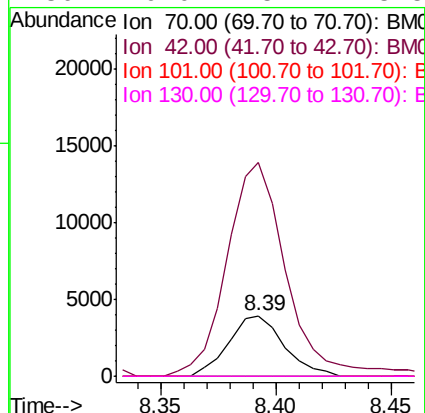
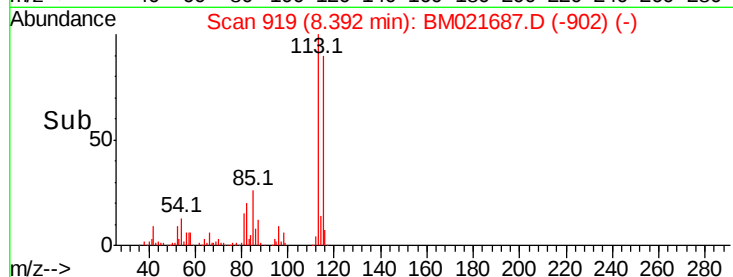
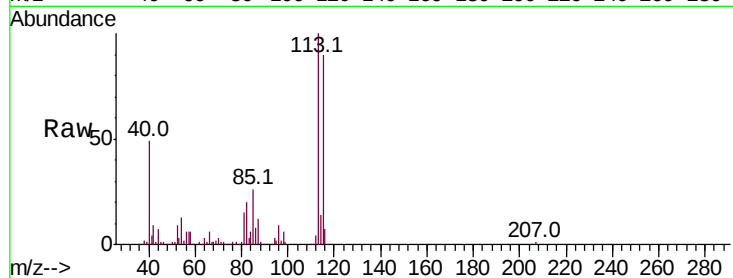
Ion Ratio Lower Upper

70 100

42 352.0 43.2 64.8#

101 0.0 7.0 10.6#

130 0.0 15.7 23.5#



#16

4-Methylphenol

Concen: 0.100 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM021687.D

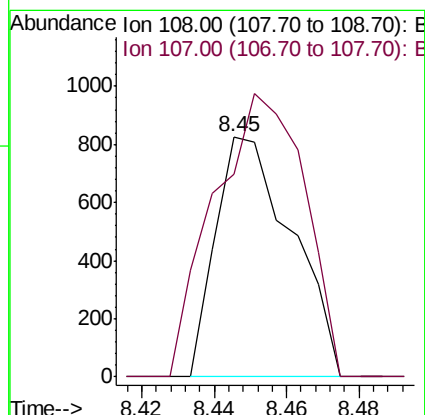
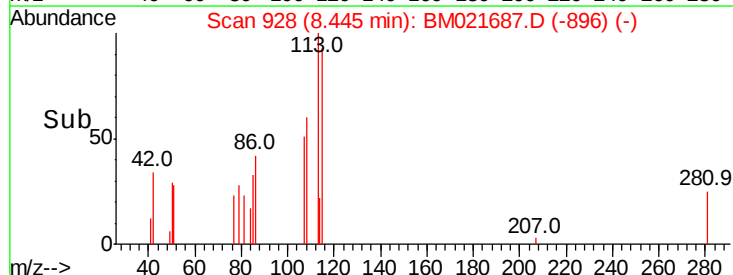
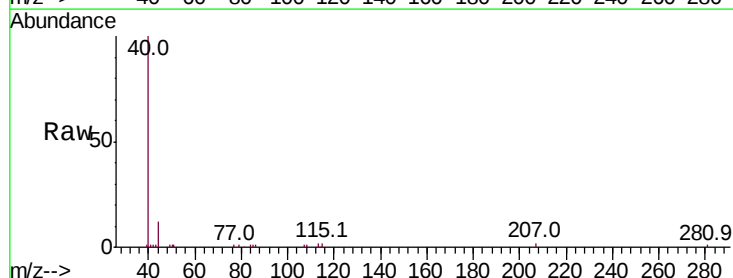
Acq: 27 Jul 2019 13:44

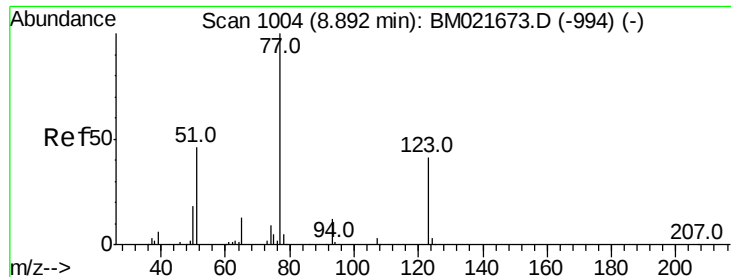
Tgt Ion: 108 Resp: 1207

Ion Ratio Lower Upper

108 100

107 84.4 91.2 136.8#

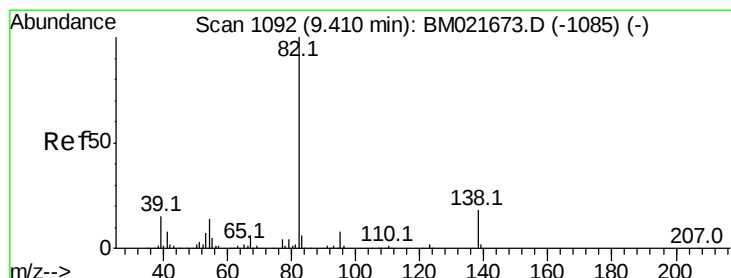
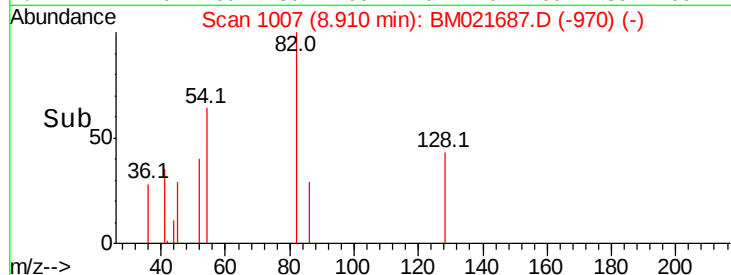
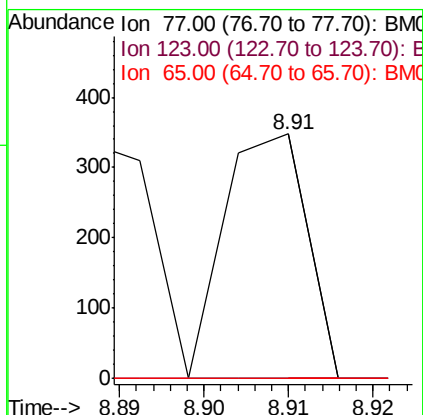
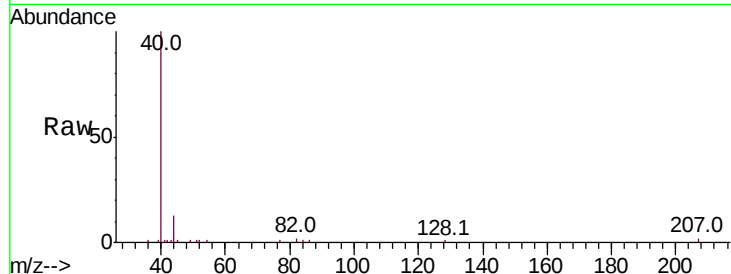




#20
Nitrobenzene
Concen: 0.017 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

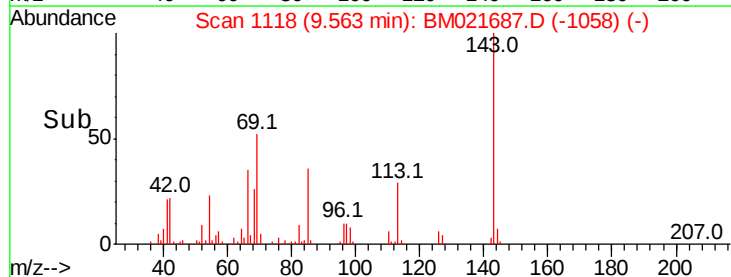
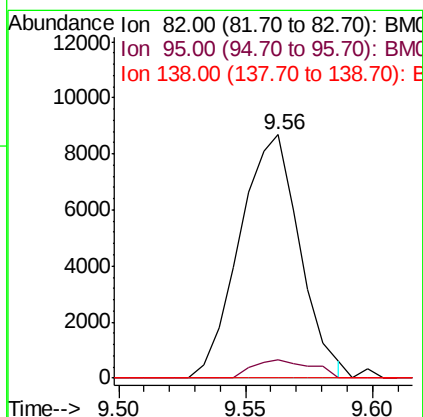
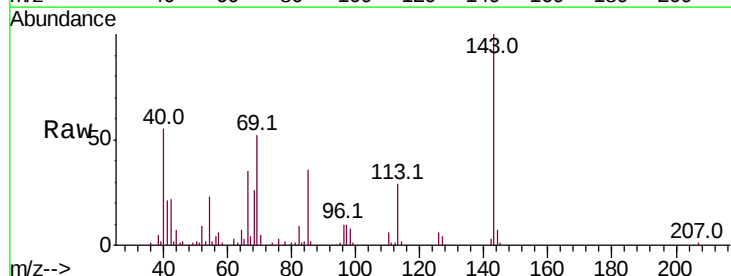
Instrument :
BNA_M
ClientSampleId :

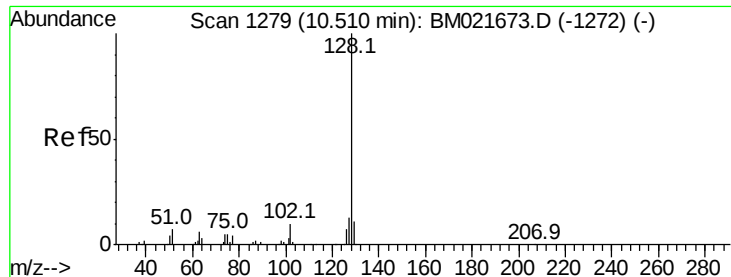
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	0.0	10.6	15.8#



#21
Isophorone
Concen: 0.569 ng/ul
RT: 9.56 min Scan# 1118
Delta R.T. 0.15 min
Lab File: BM021687.D
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Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.2	9.2
138	0.0	14.1	21.1#

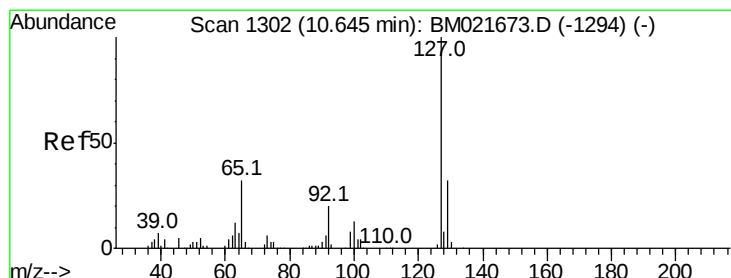
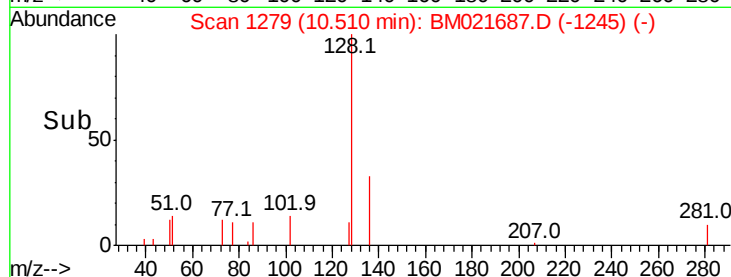
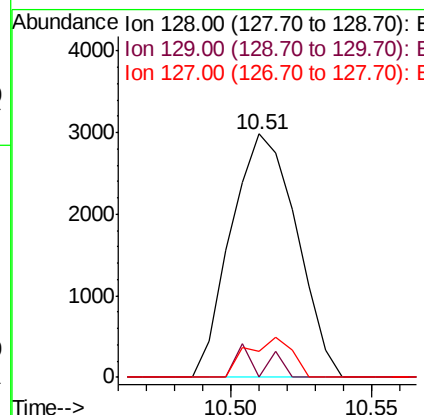
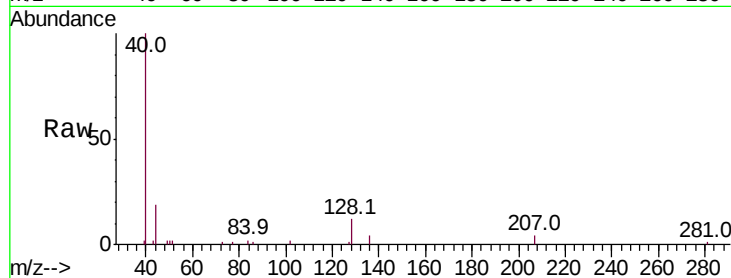




#28
Naphthalene
Concen: 0.124 ng/ul
RT: 10.51 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

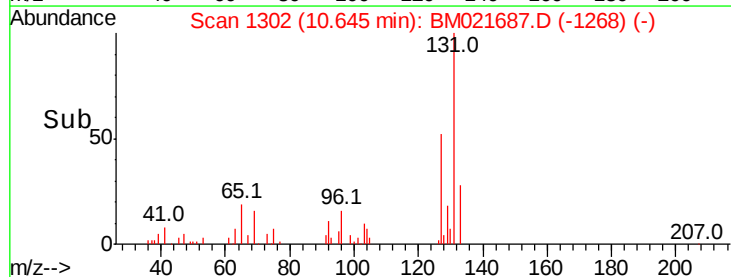
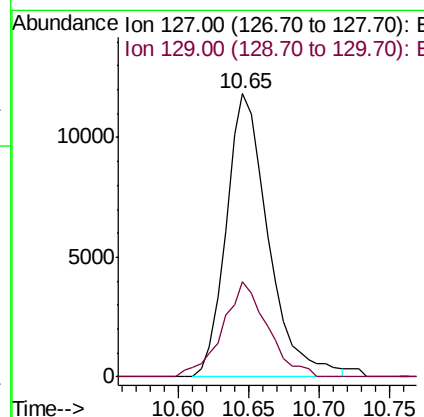
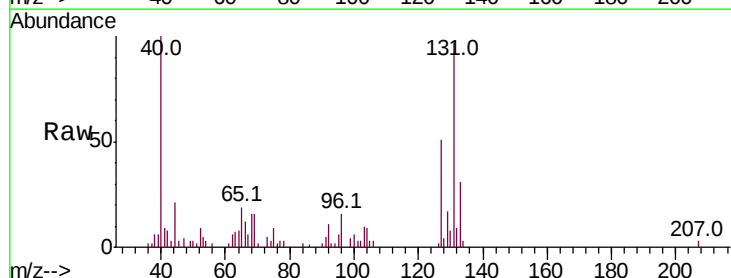
Instrument :
BNA_M
ClientSampleId :

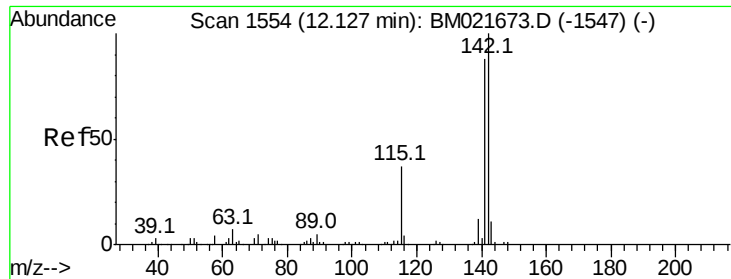
Tot Ion:128 Resp: 4815
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 10.6 10.5 15.7



#30
4-Chloroaniline
Concen: 1.955 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion:127 Resp: 24556
Ion Ratio Lower Upper
127 100
129 33.7 25.5 38.3





#34

2-Methylnaphthalene

Concen: 0.102 ng/ul

RT: 12.13 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

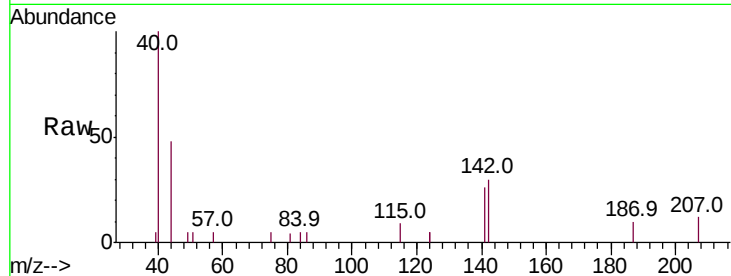
ClientSampleId :

Tot Ion:142 Resp: 2933

Ion Ratio Lower Upper

142 100

141 84.1 70.4 105.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.13

2500

2000

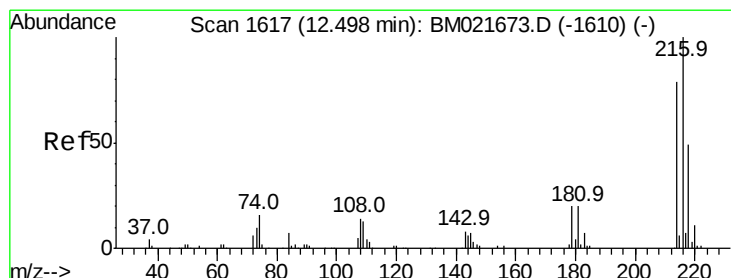
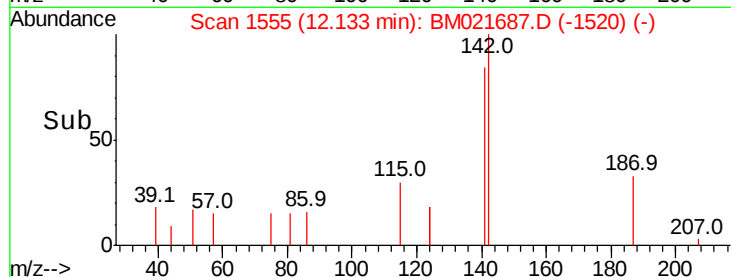
1500

1000

500

0

Time--> 12.10 12.15



#36

1,2,4,5-Tetrachlorobenzene

Concen: 0.021 ng/ul

RT: 12.50 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Tgt Ion:216 Resp: 327

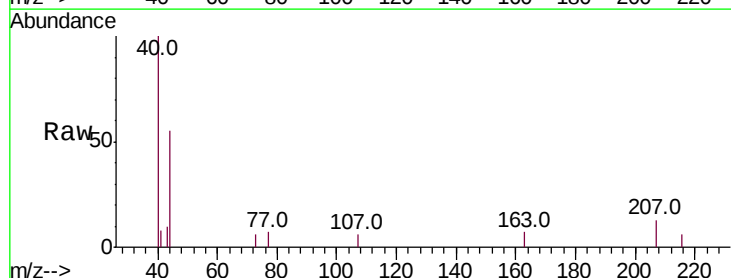
Ion Ratio Lower Upper

216 100

214 0.0 63.4 95.0#

179 0.0 16.3 24.5#

108 0.0 11.9 17.9#



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

800

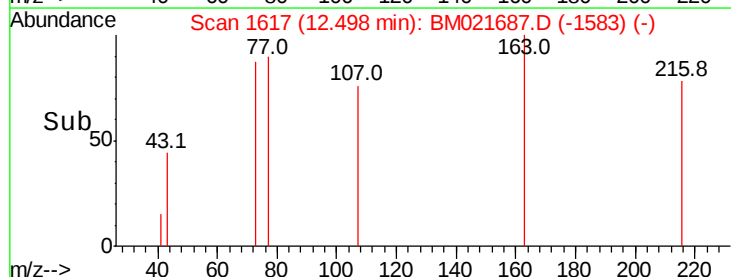
600

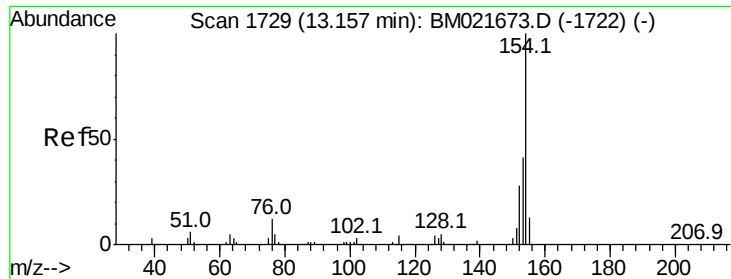
400

200

0

Time--> 12.48 12.50 12.52





#40

1,1'-Biphenyl

Concen: 0.026 ng/ul

RT: 13.16 min Scan# 1730

Delta R.T. 0.01 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

ClientSampleId :

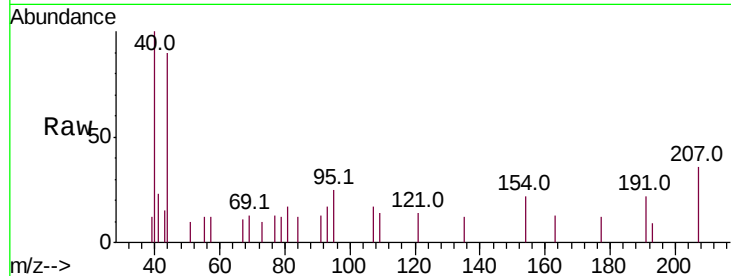
Tot Ion:154 Resp: 891

Ion Ratio Lower Upper

154 100

153 0.0 32.6 49.0#

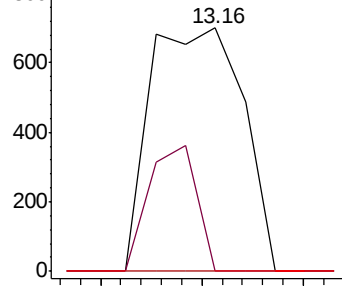
76 0.0 9.4 14.2#



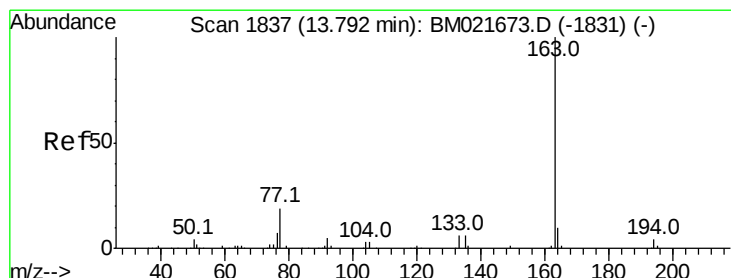
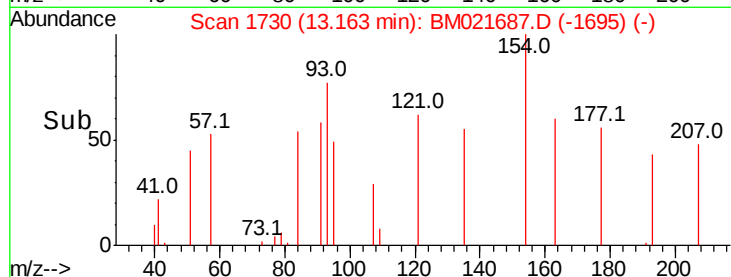
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BMO



Time-->



#44

Dimethylphthalate

Concen: 4.928 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

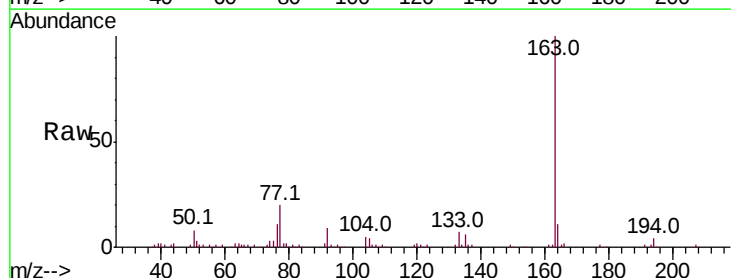
Tgt Ion:163 Resp: 158826

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

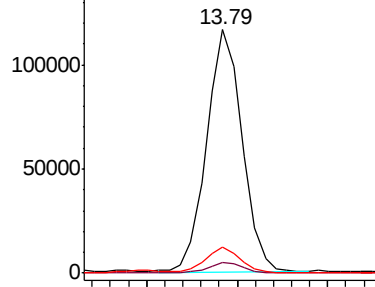
164 10.7 8.1 12.1



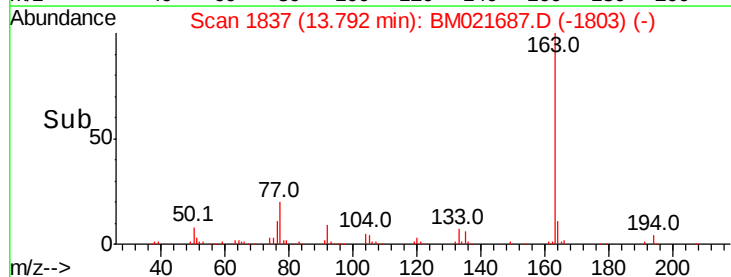
Abundance Ion 163.00 (162.70 to 163.70): E

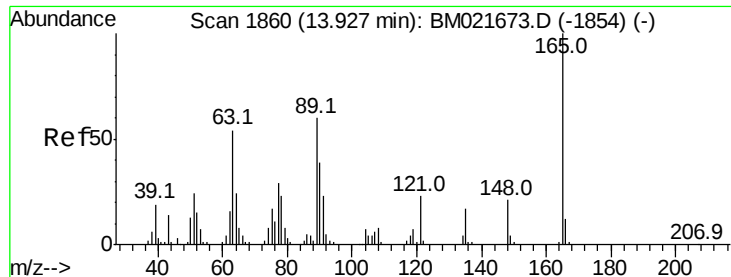
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

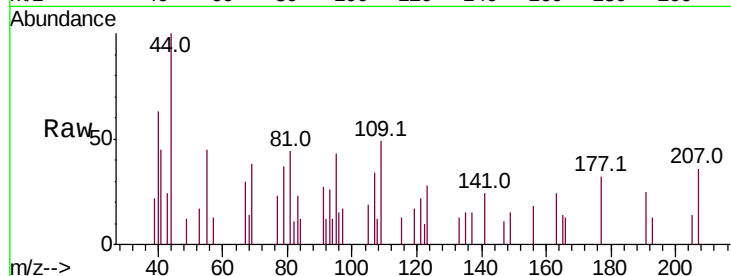




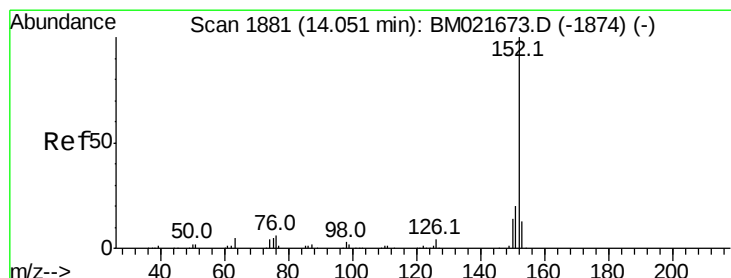
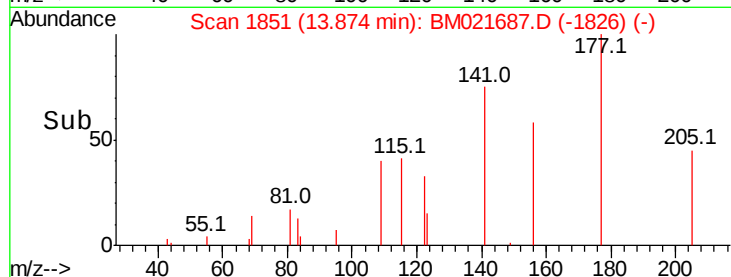
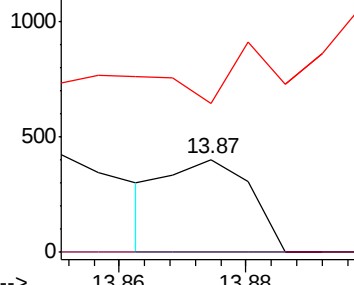
#45
2,6-Dinitrotoluene
Concen: 0.068 ng/ul
RT: 13.87 min Scan# 1851
Delta R.T. -0.05 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 367
Ion Ratio Lower Upper
165 100
89 0.0 48.3 72.5#
121 159.9 18.1 27.1#

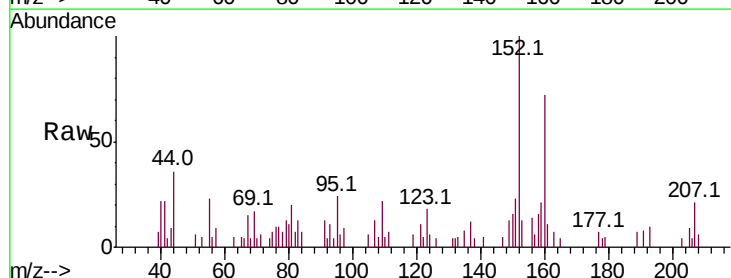


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E

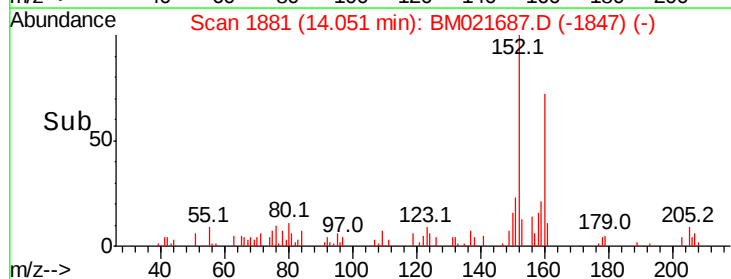
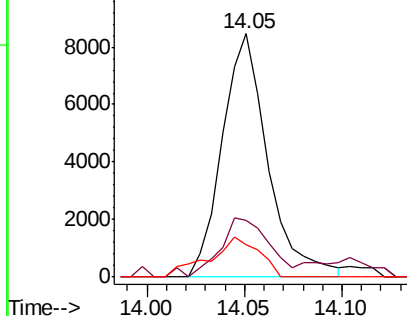


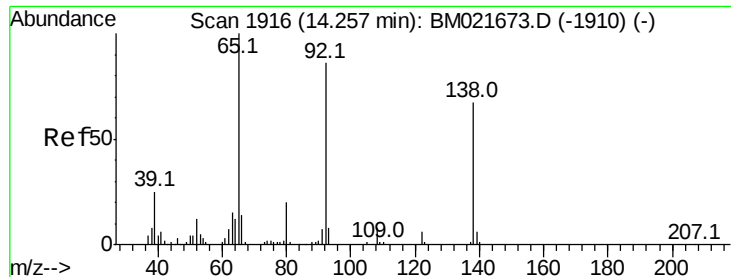
#47
Acenaphthylene
Concen: 0.346 ng/ul
RT: 14.05 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion:152 Resp: 13685
Ion Ratio Lower Upper
152 100
151 23.5 16.2 24.2
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#48

3-Nitroaniline

Concen: 0.030 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

ClientSampleId :

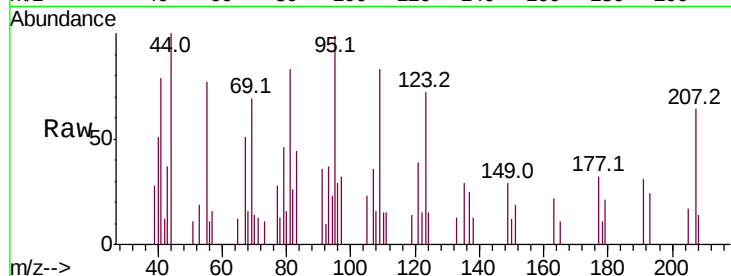
Tot Ion:138 Resp: 129

Ion Ratio Lower Upper

138 100

108 131.4 10.0 15.0#

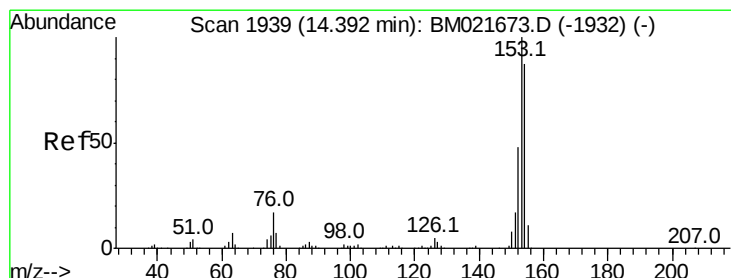
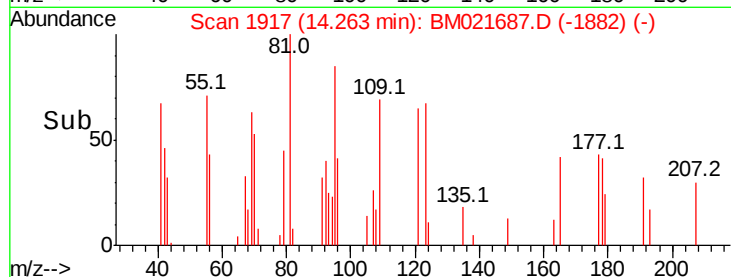
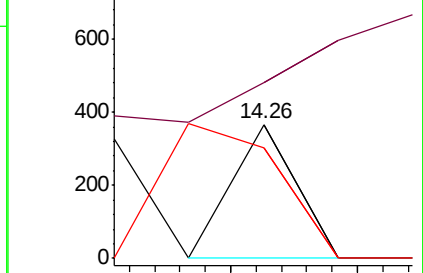
92 82.5 103.6 155.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#49

Acenaphthene

Concen: 0.258 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

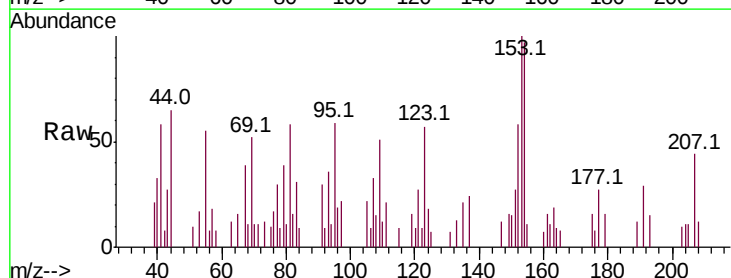
Tgt Ion:153 Resp: 7118

Ion Ratio Lower Upper

153 100

152 57.9 38.7 58.1

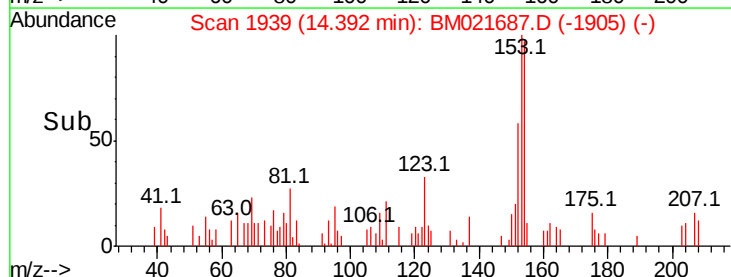
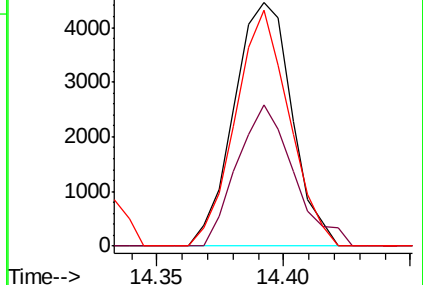
154 96.7 69.2 103.8

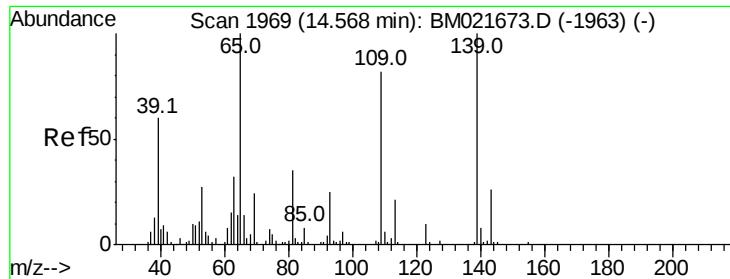


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

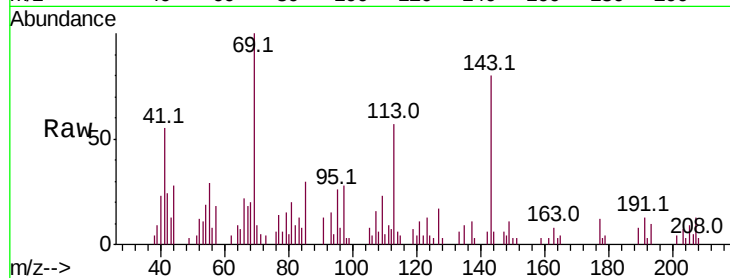




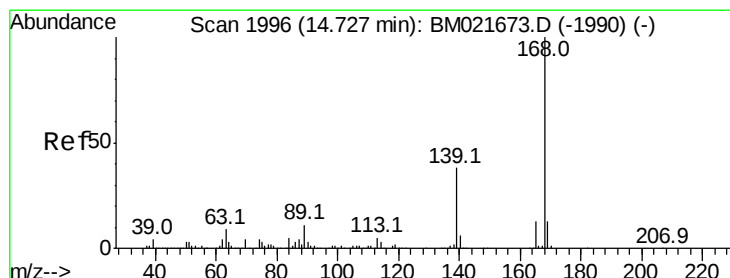
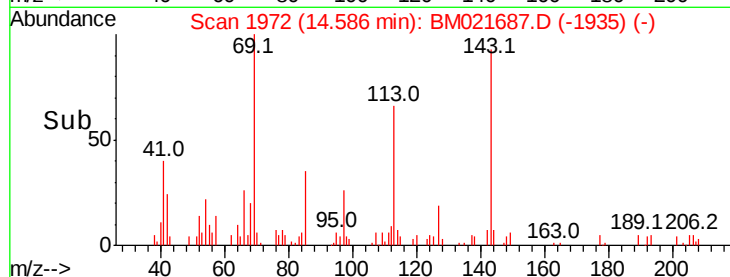
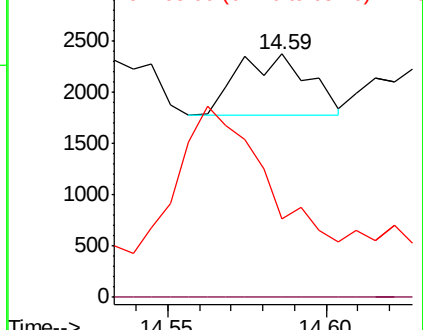
#52
4-Nitrophenol
Concen: 0.213 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.02 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:109 Resp: 907
Ion Ratio Lower Upper
109 100
139 0.0 96.6 144.8#
65 32.2 97.8 146.6#

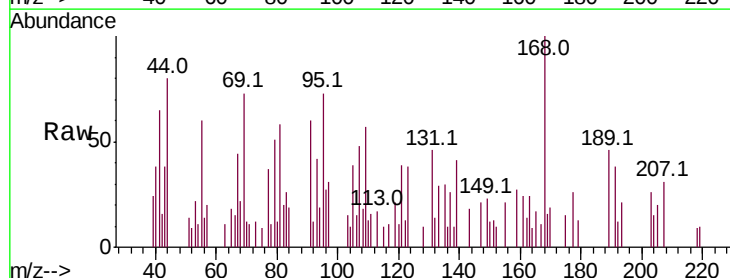


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

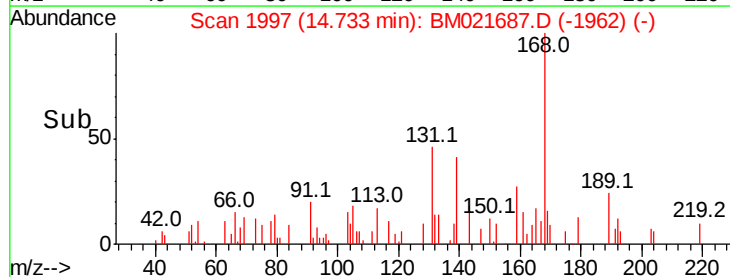
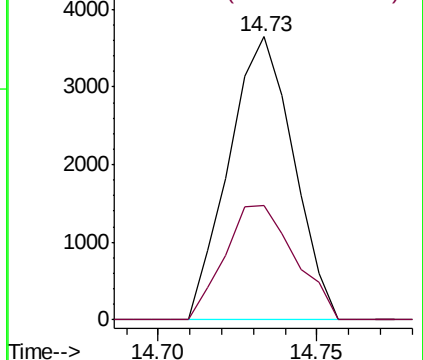


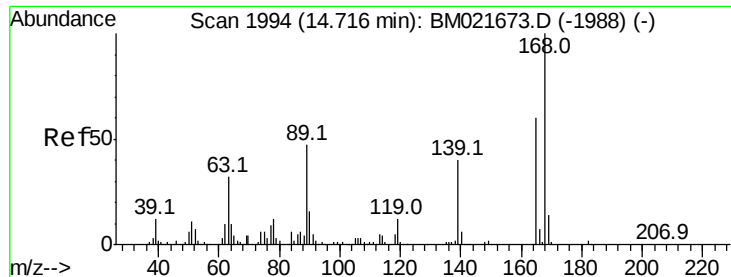
#53
Dibenzofuran
Concen: 0.127 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion:168 Resp: 5148
Ion Ratio Lower Upper
168 100
139 40.6 30.3 45.5



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





#54

2,4-Dinitrotoluene

Concen: 0.114 ng/uL

RT: 14.73 min Scan# 1997

Delta R.T. 0.02 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

ClientSampled :

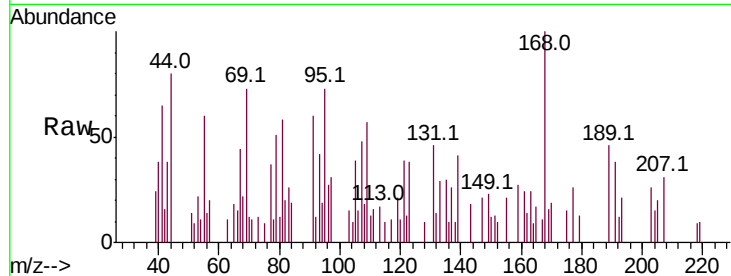
Tot Ion:165 Resp: 957

Ion Ratio Lower Upper

165 100

63 62.3 42.7 64.1

182 0.0 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

800

600

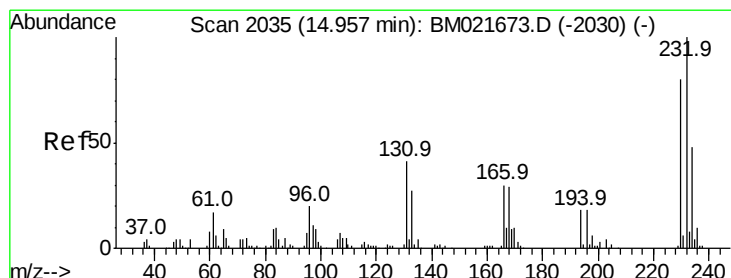
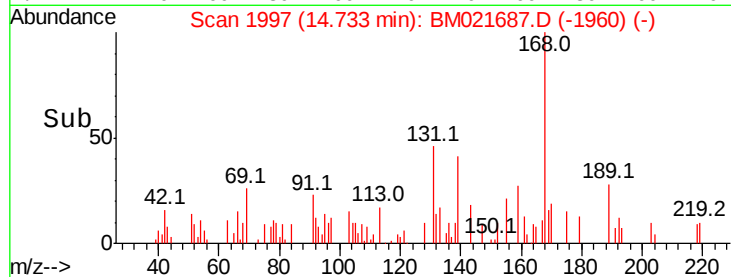
400

200

0

14.70 14.72 14.74 14.76

Time-->



#55

2,3,4,6-Tetrachlorophenol

Concen: 0.042 ng/uL

RT: 15.03 min Scan# 2048

Delta R.T. 0.08 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Tgt Ion:232 Resp: 368

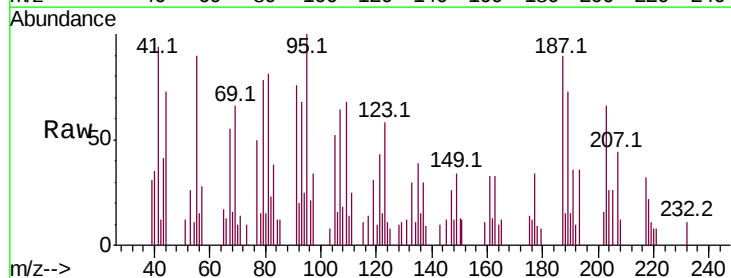
Ion Ratio Lower Upper

232 100

131 111.9 33.1 49.7#

130 0.0 1.8 2.6#

166 0.0 23.8 35.8#



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

800

600

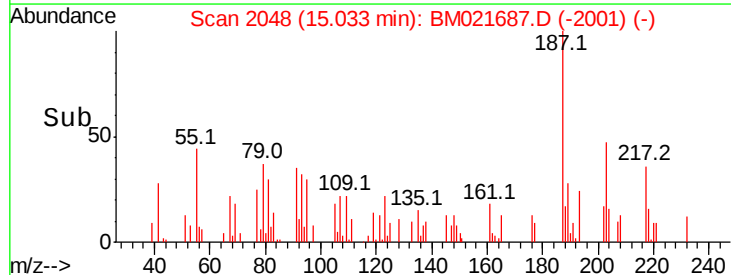
400

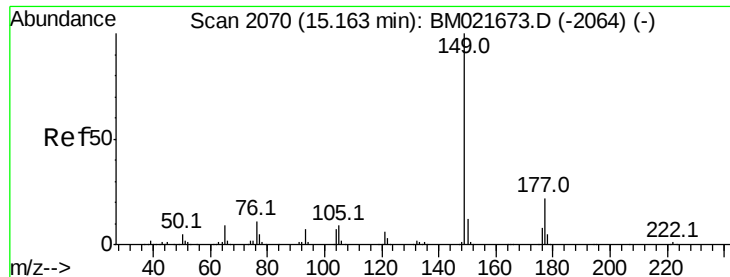
200

0

15.02 15.04

Time-->

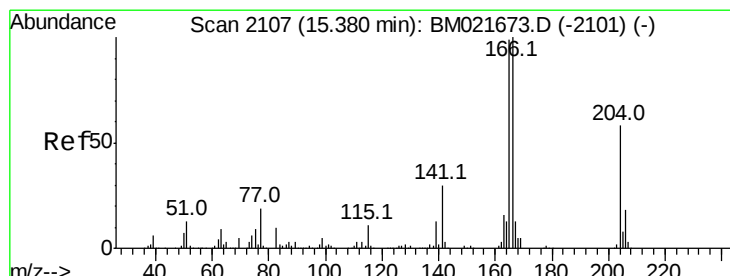
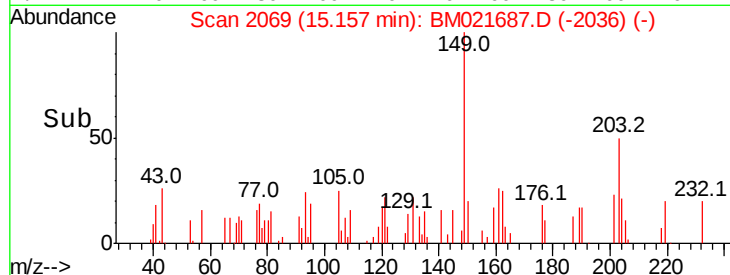
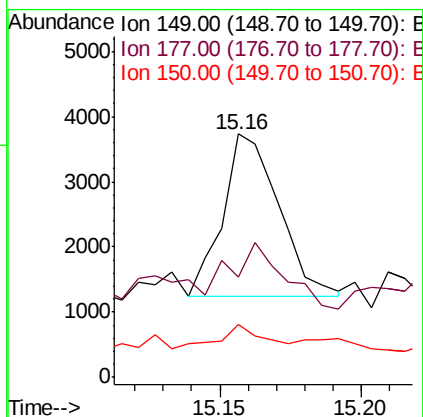
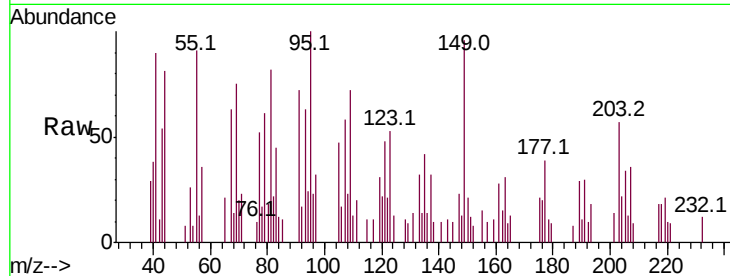




#56
Diethylphthalate
Concen: 0.112 ng/ul
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

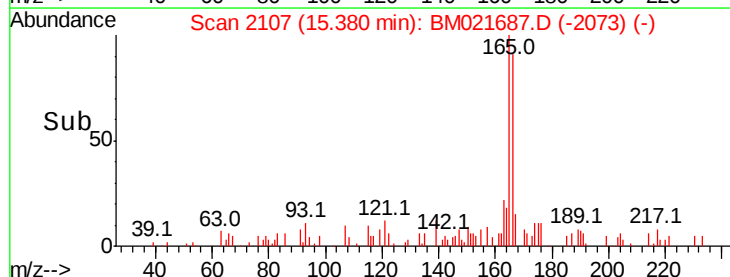
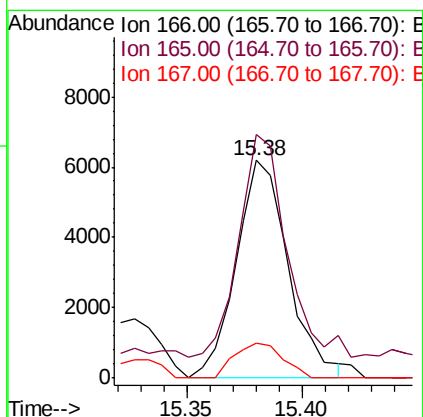
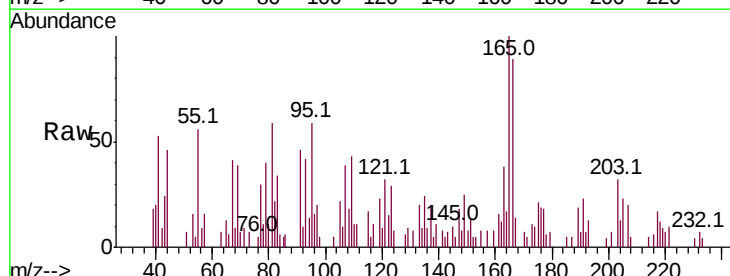
Instrument :
BNA_M
ClientSampled :

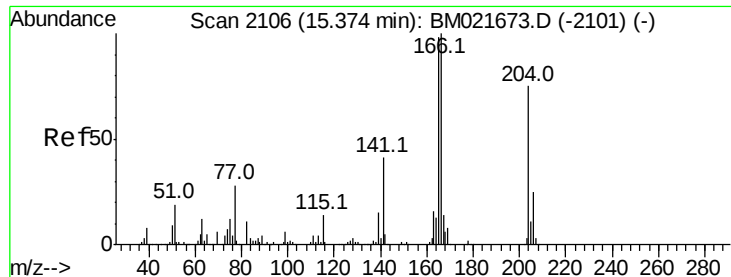
Tot Ion:149 Resp: 3429
Ion Ratio Lower Upper
149 100
177 41.0 17.8 26.8#
150 21.8 9.8 14.6#



#58
Fluorene
Concen: 0.301 ng/ul
RT: 15.38 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion:166 Resp: 9740
Ion Ratio Lower Upper
166 100
165 111.8 79.0 118.6
167 16.2 10.8 16.2

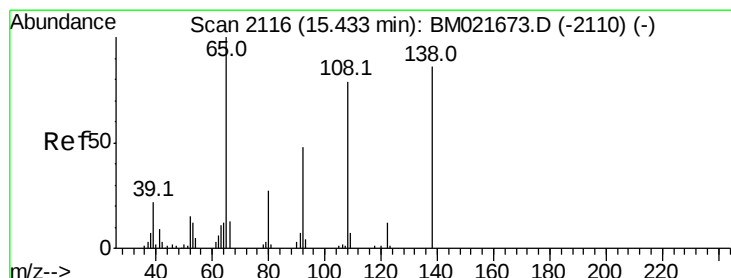
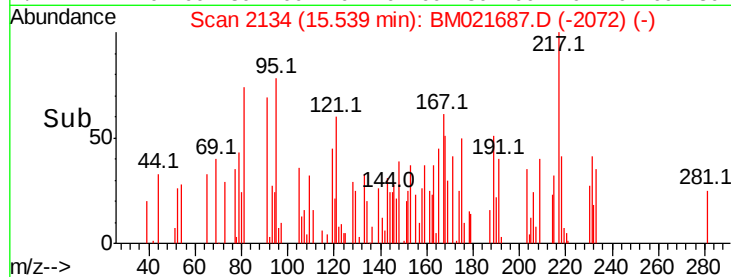
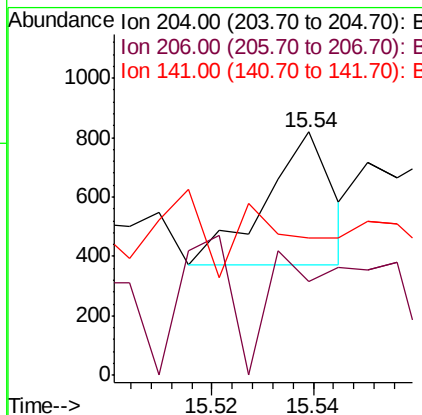
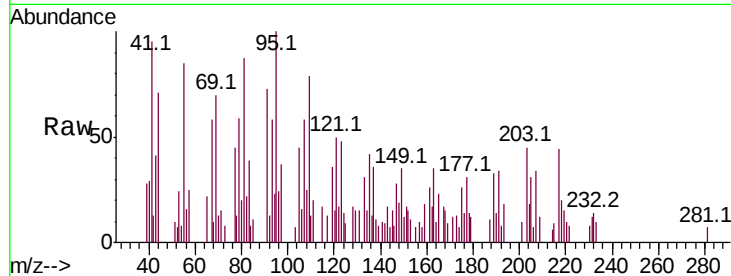




#59
4-Chlorophenyl-phenylether
Concen: 0.023 ng/ul
RT: 15.54 min Scan# 2134
Delta R.T. 0.16 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

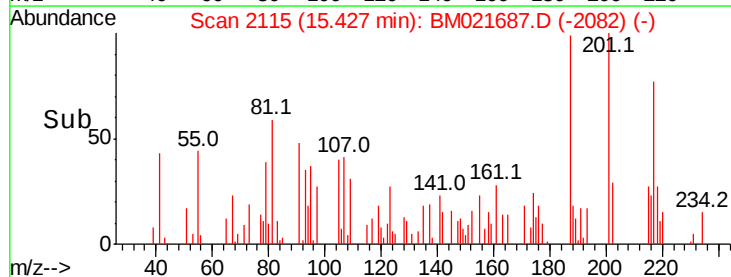
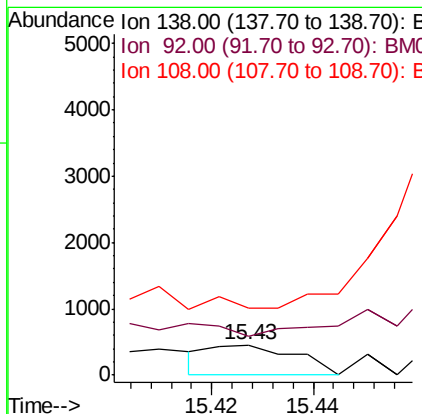
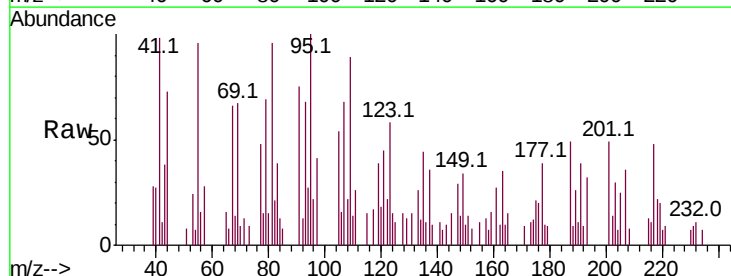
Instrument :
BNA_M
ClientSampleId :

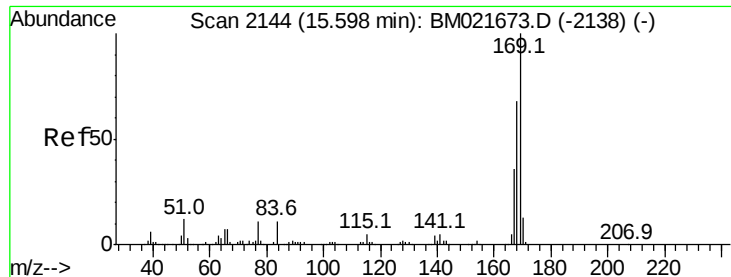
Tot Ion:204 Resp: 414
Ion Ratio Lower Upper
204 100
206 38.6 26.4 39.6
141 56.7 44.2 66.4



#60
4-Nitroaniline
Concen: 0.121 ng/ul
RT: 15.43 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion:138 Resp: 536
Ion Ratio Lower Upper
138 100
92 127.2 43.7 65.5#
108 218.3 72.1 108.1#



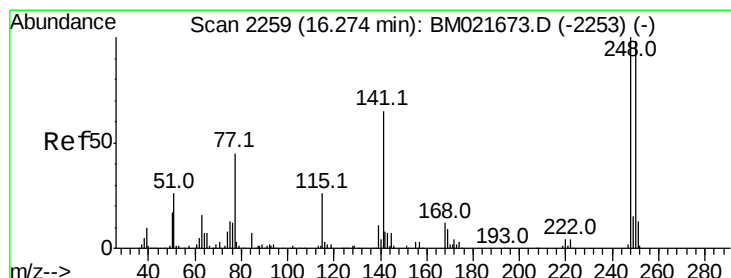
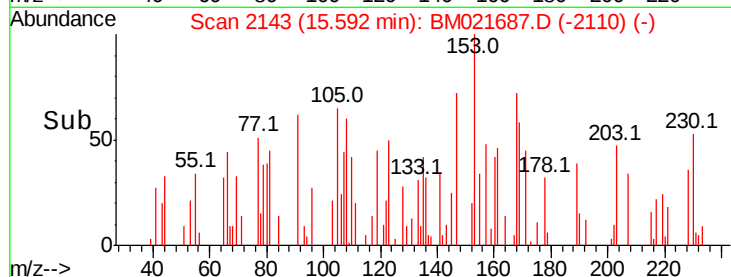
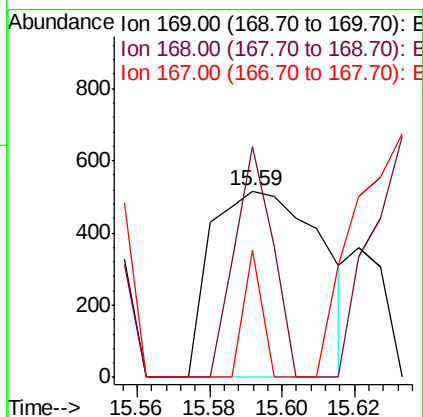
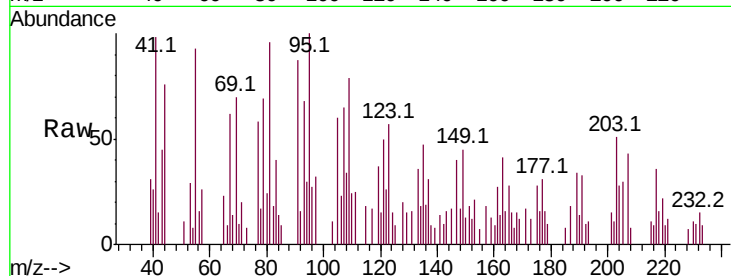


#64

N-Nitrosodiphenylamine
 Concen: 0.046 ng/ul
 RT: 15.59 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BM021687.D
 Acq: 27 Jul 2019 13:44

Instrument :
 BNA_M
 ClientSampleId :

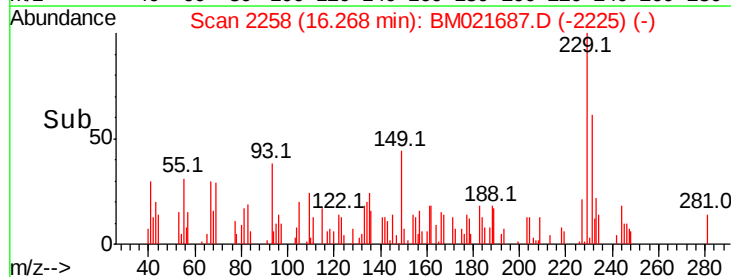
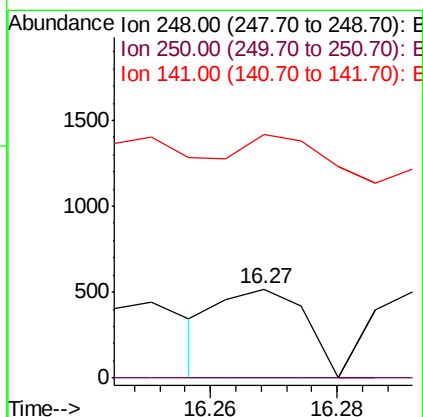
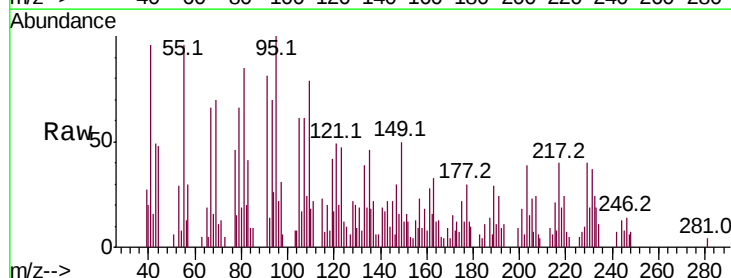
Tot Ion:169 Resp: 1089
 Ion Ratio Lower Upper
 169 100
 168 123.8 54.4 81.6#
 167 68.5 29.1 43.7#

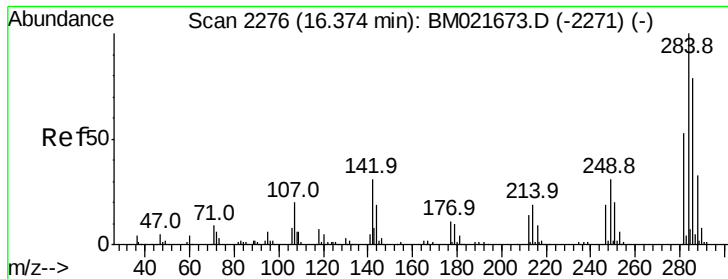


#65

4-Bromophenyl-phenylether
 Concen: 0.050 ng/ul
 RT: 16.27 min Scan# 2258
 Delta R.T. -0.01 min
 Lab File: BM021687.D
 Acq: 27 Jul 2019 13:44

Tgt Ion:248 Resp: 492
 Ion Ratio Lower Upper
 248 100
 250 0.0 78.6 118.0#
 141 274.6 52.3 78.5#

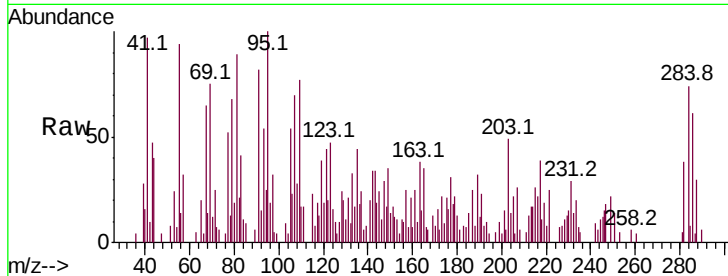




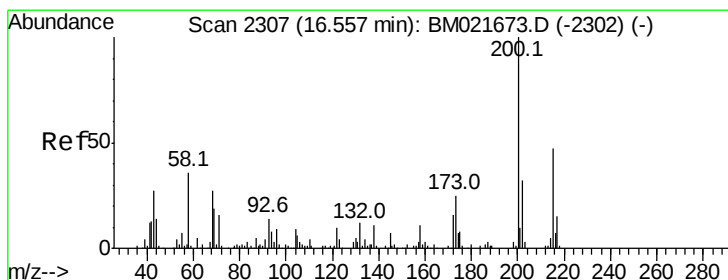
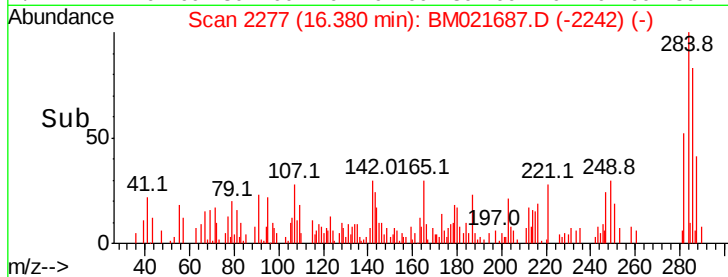
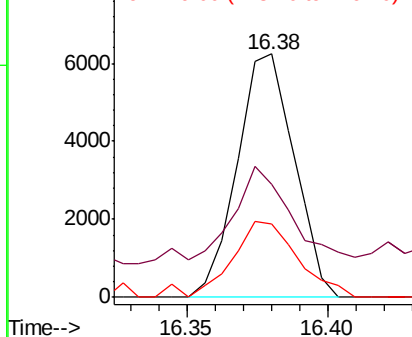
#66
Hexachlorobenzene
Concen: 0.770 ng/ul
RT: 16.38 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Instrument :
BNA_M
ClientSampled :

Tot Ion:284 Resp: 8773
Ion Ratio Lower Upper
284 100
142 46.3 25.1 37.7#
249 30.2 24.6 36.8

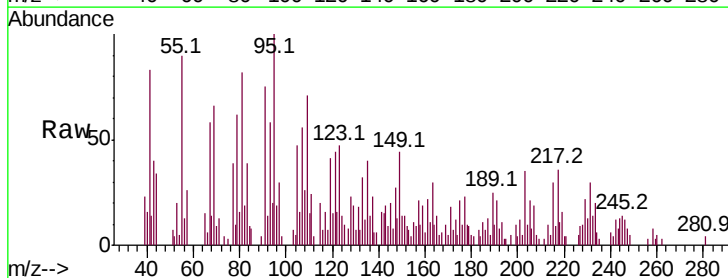


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

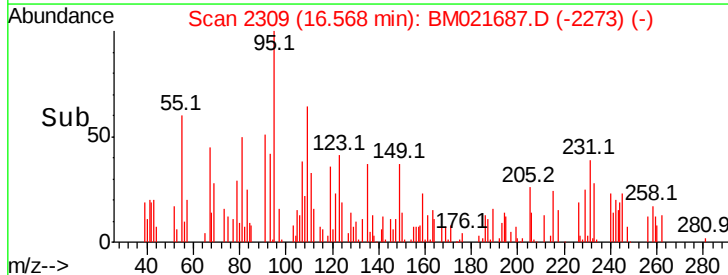
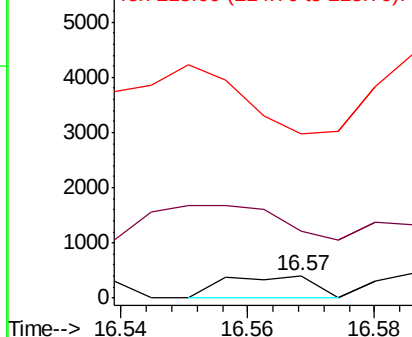


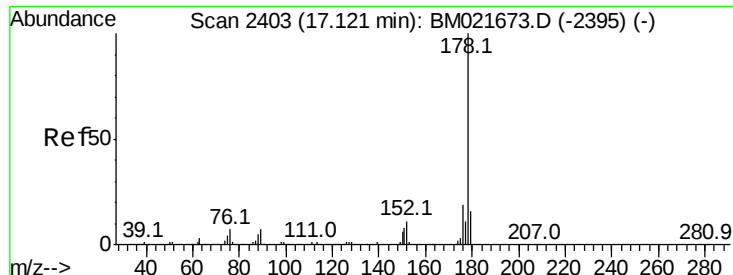
#67
Atrazine
Concen: 0.047 ng/ul
RT: 16.57 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion:200 Resp: 391
Ion Ratio Lower Upper
200 100
173 299.8 20.0 30.0#
215 739.2 37.9 56.9#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

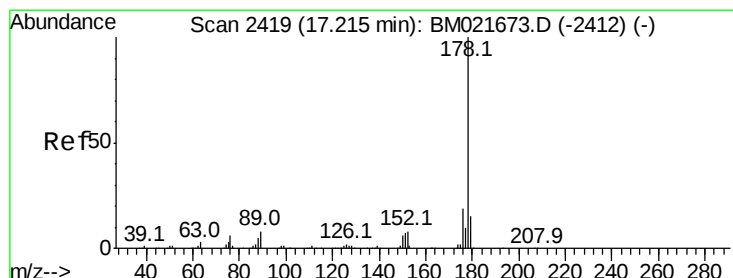
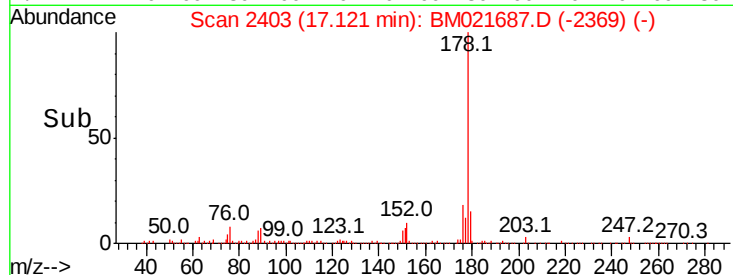
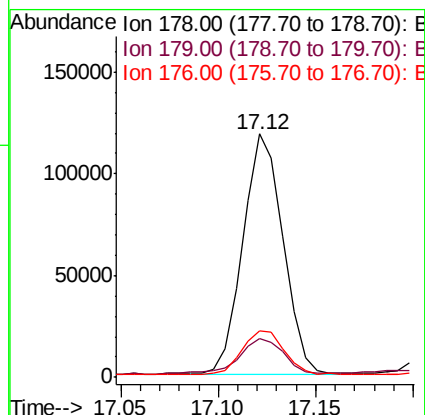
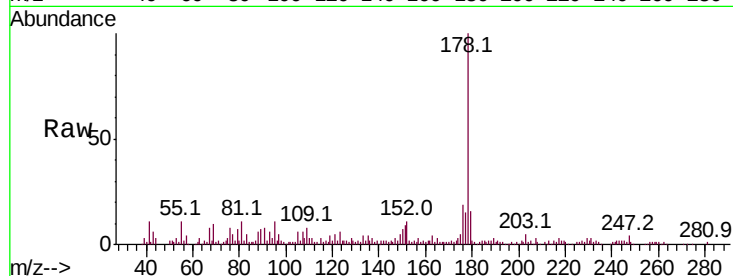




#69
Phenanthrene
Concen: 3.877 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

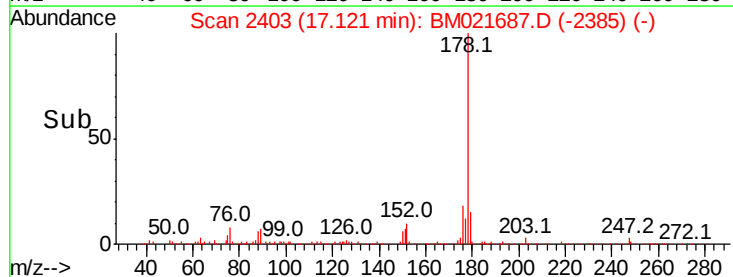
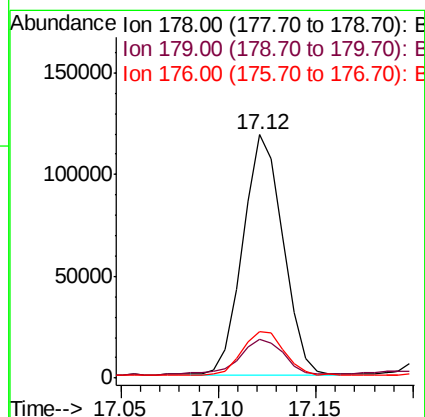
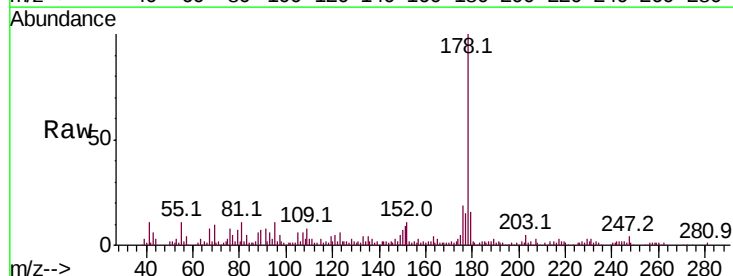
Instrument :
BNA_M
ClientSampleId :

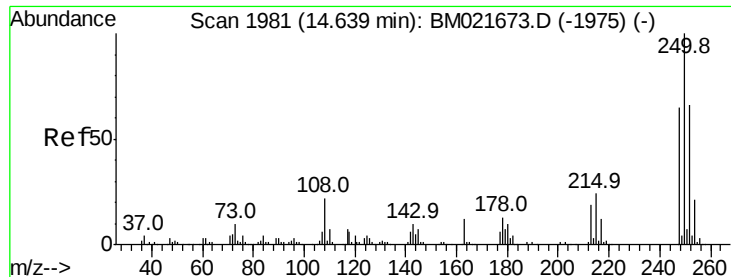
Tot Ion:178 Resp: 168333
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.3 15.4 23.2



#71
Anthracene
Concen: 3.807 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.09 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion:178 Resp: 169317
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 19.3 14.8 22.2





#73

Pentachlorobenzene

Concen: 0.317 ng/uL

RT: 14.64 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

ClientSampleId :

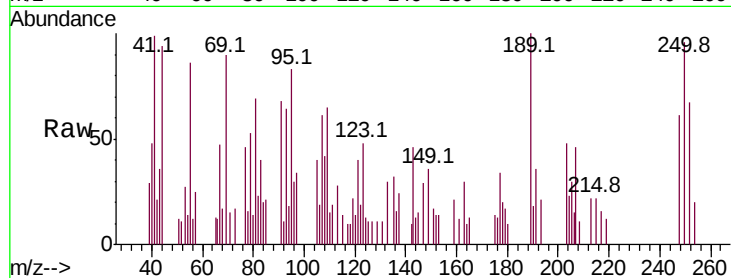
Tot Ion:250 Resp: 4355

Ion Ratio Lower Upper

250 100

248 63.7 51.9 77.9

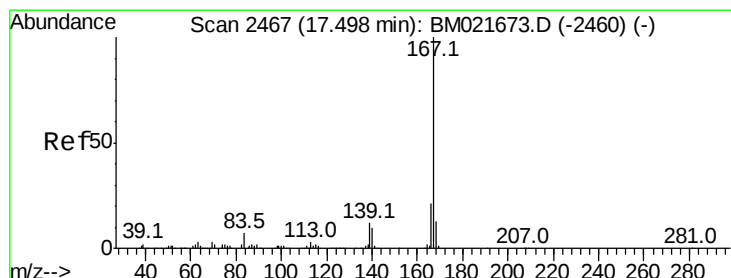
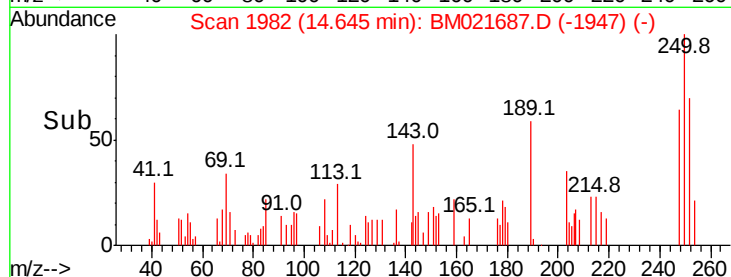
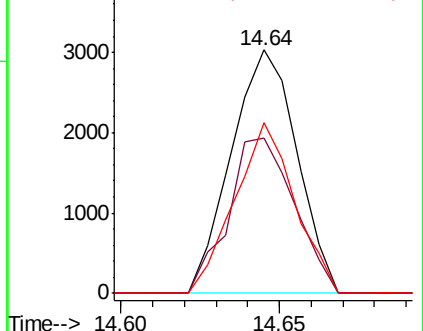
252 70.3 52.6 79.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#74

Carbazole

Concen: 0.511 ng/uL

RT: 17.50 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

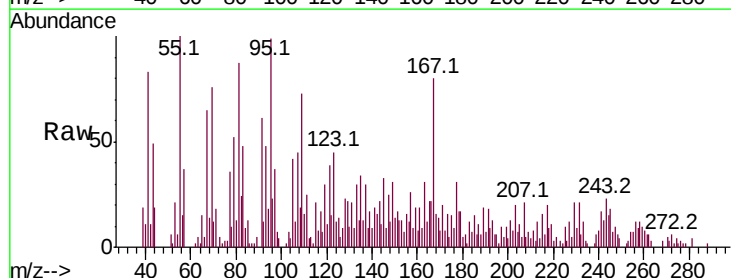
Tgt Ion:167 Resp: 18822

Ion Ratio Lower Upper

167 100

166 27.9 17.0 25.4#

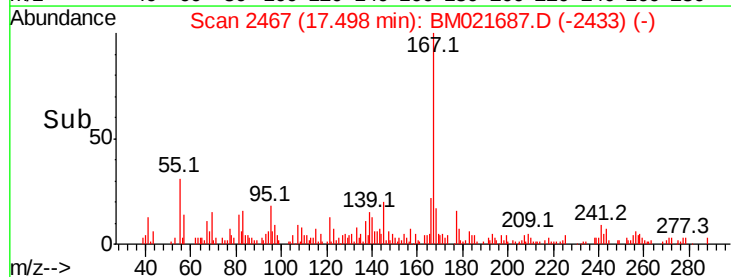
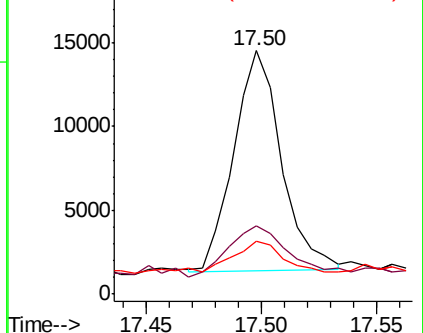
139 21.8 10.0 15.0#

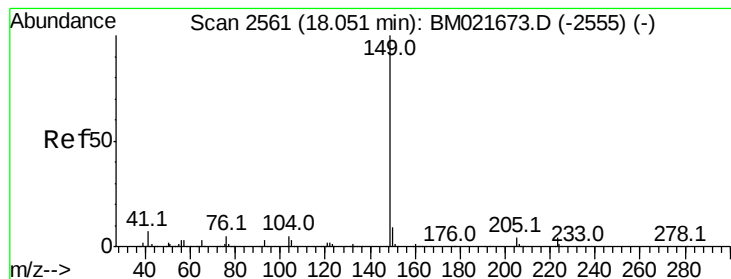


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Di-n-butylphthalate

Concen: 0.323 ng/ul

RT: 18.05 min Scan# 2561

Delta R.T. -0.00 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

ClientSampled :

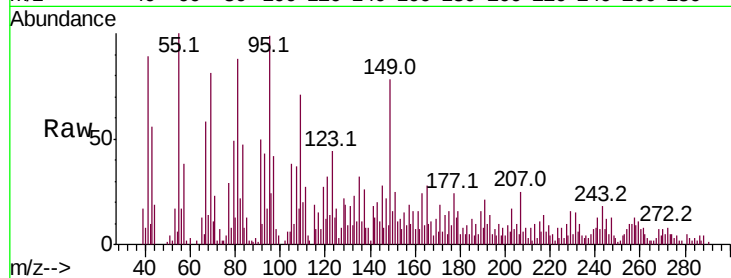
Tot Ion:149 Resp: 13134

Ion Ratio Lower Upper

149 100

150 21.1 7.1 10.7#

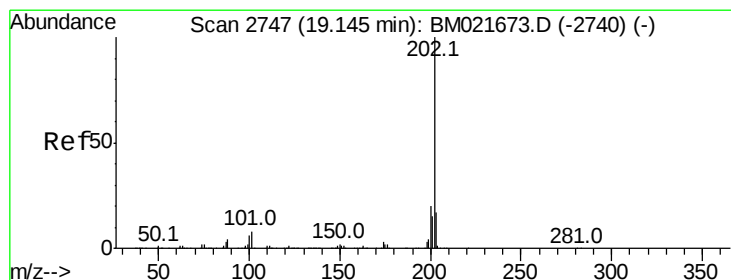
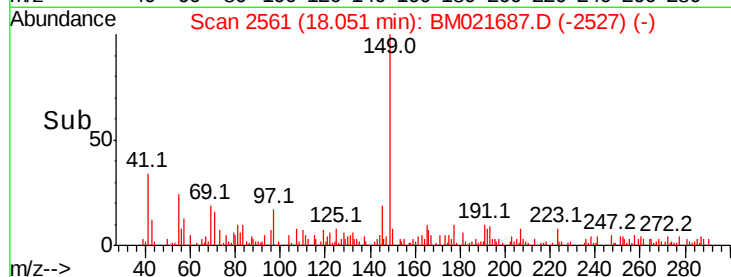
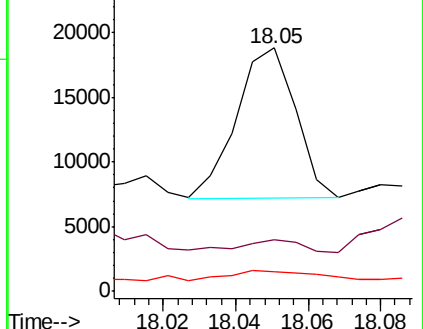
104 8.1 4.2 6.2#



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



#76

Fluoranthene

Concen: 6.802 ng/ul

RT: 19.14 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

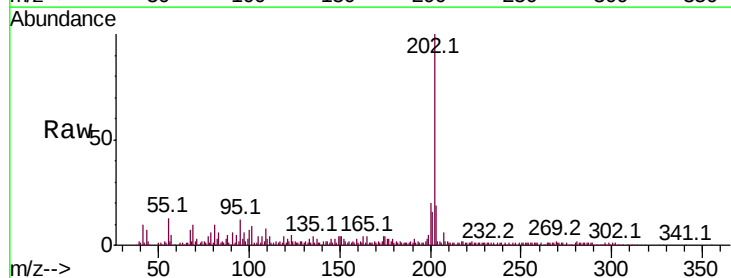
Tgt Ion:202 Resp: 344496

Ion Ratio Lower Upper

202 100

101 8.8 6.7 10.1

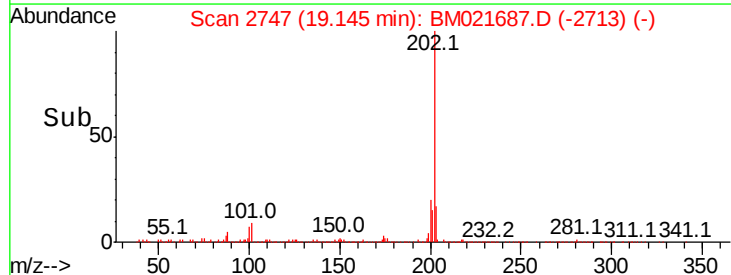
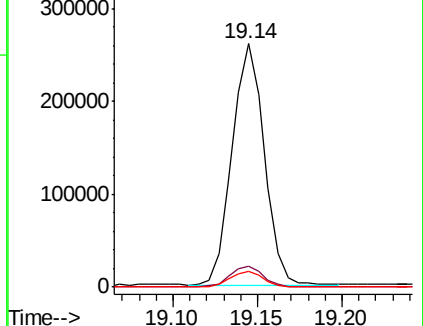
100 6.7 5.1 7.7

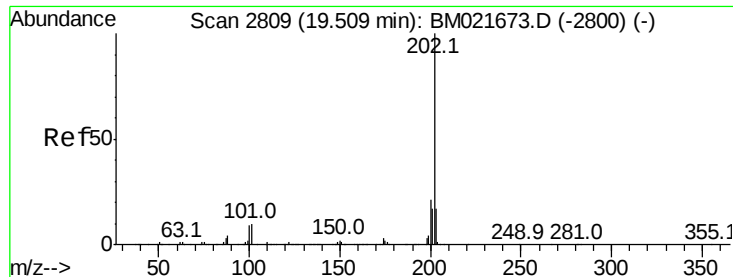


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

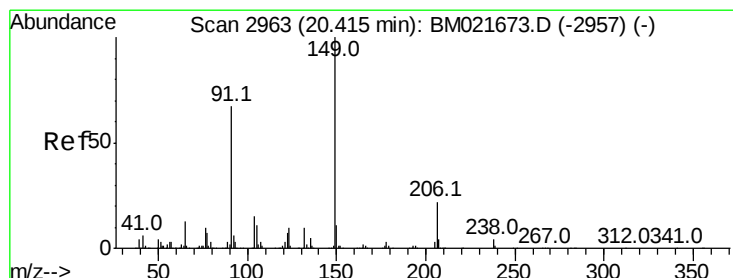
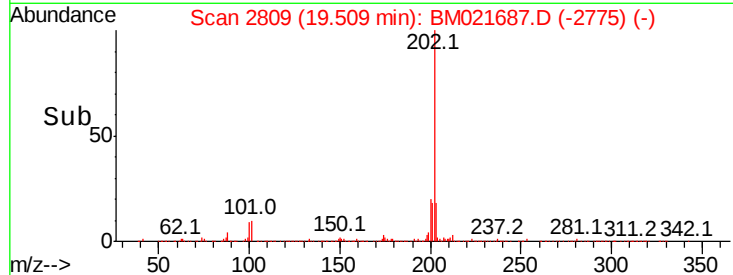
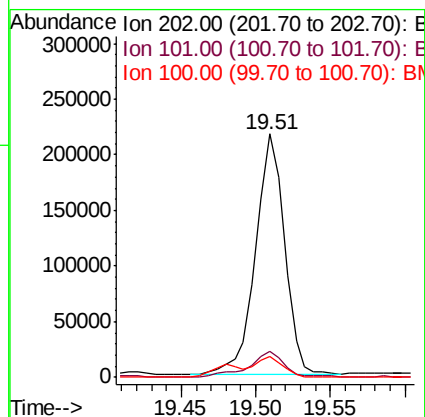
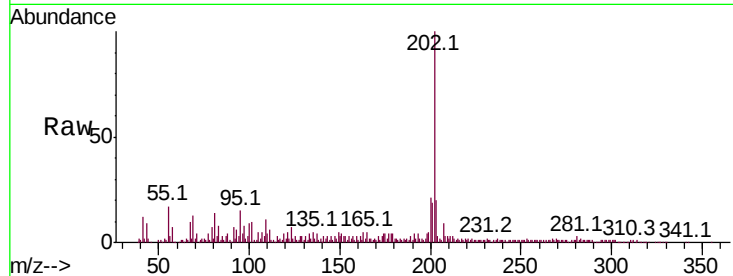




#79
Pvrene
Concen: 5.624 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. -0.00 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

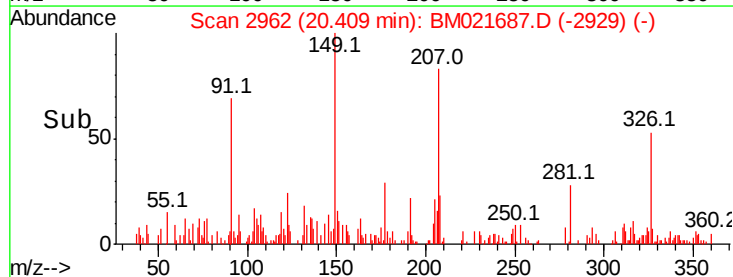
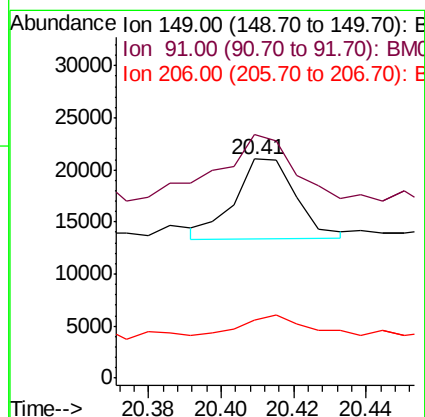
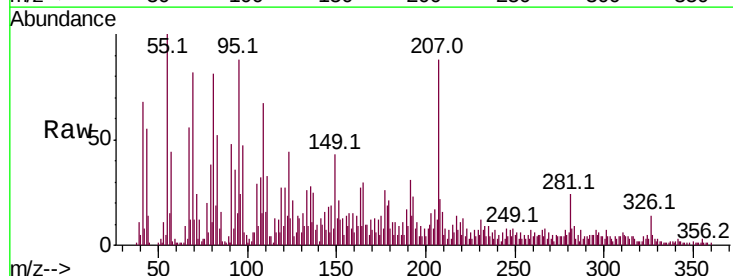
Instrument :
BNA_M
ClientSampleId :

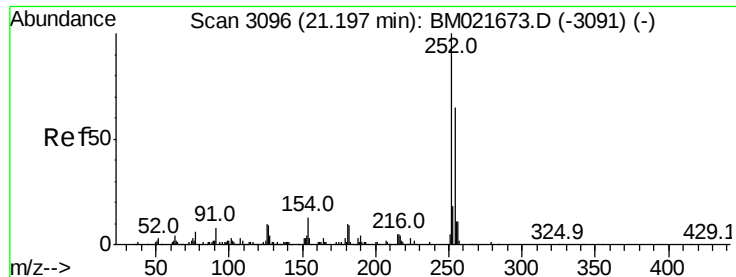
Tot Ion:	202	Resp:	289968
Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.2	12.2
100	8.8	7.0	10.4



#80
Butylbenzylphthalate
Concen: 0.577 ng/ul
RT: 20.41 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion:	149	Resp:	9172
Ion	Ratio	Lower	Upper
149	100		
91	111.2	53.4	80.0#
206	26.6	17.9	26.9

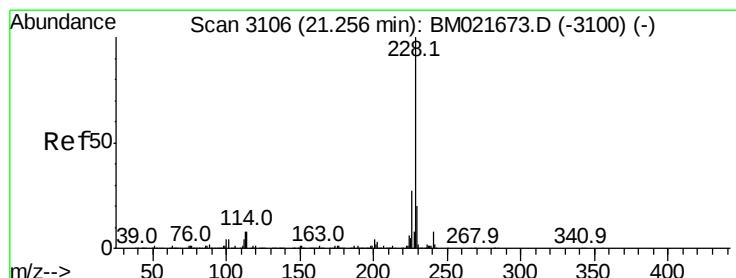
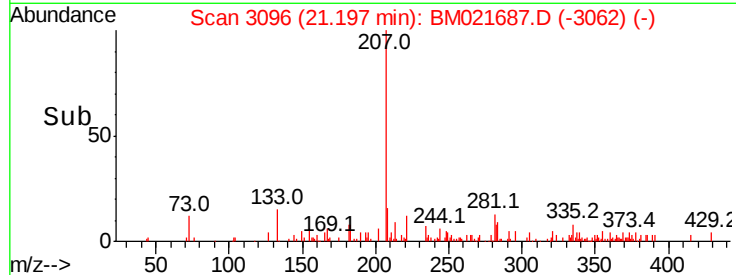
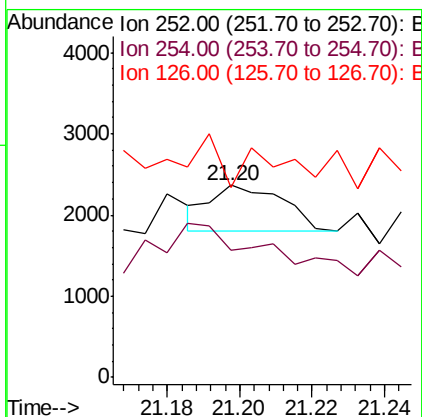
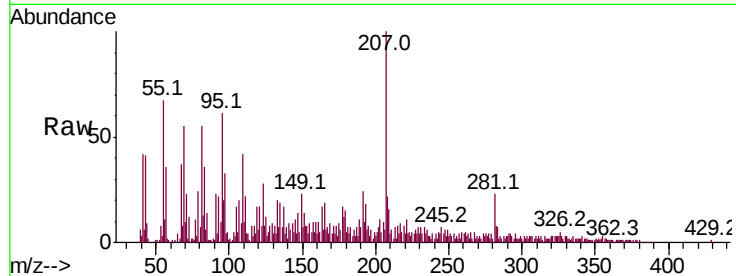




#81
 3,3'-Dichlorobenzidine
 Concen: 0.062 ng/ul
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BM021687.D
 Acq: 27 Jul 2019 13:44

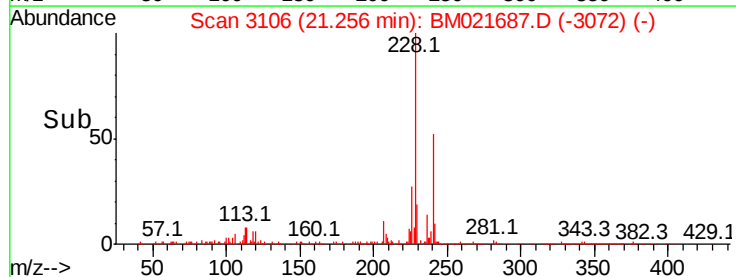
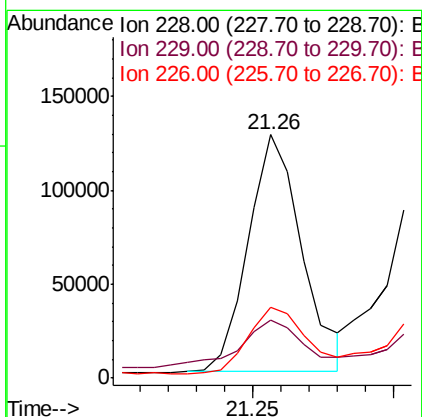
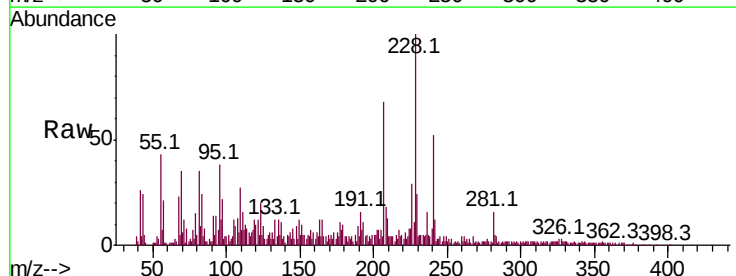
Instrument :
 BNA_M
 ClientSampled :

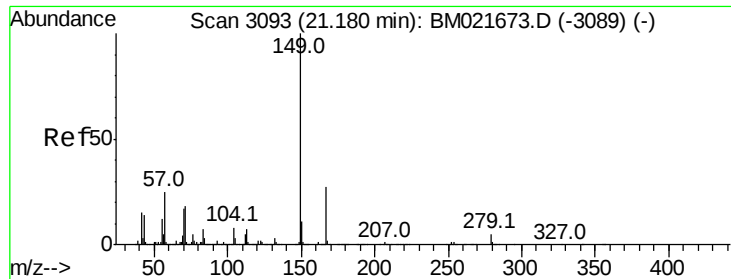
Tot Ion:252 Resp: 782
 Ion Ratio Lower Upper
 252 100
 254 66.4 51.9 77.9
 126 98.9 8.2 12.4#



#82
 Benzo(a)anthracene
 Concen: 3.309 ng/ul
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: BM021687.D
 Acq: 27 Jul 2019 13:44

Tgt Ion:228 Resp: 166515
 Ion Ratio Lower Upper
 228 100
 229 23.8 15.7 23.5#
 226 29.1 21.4 32.2

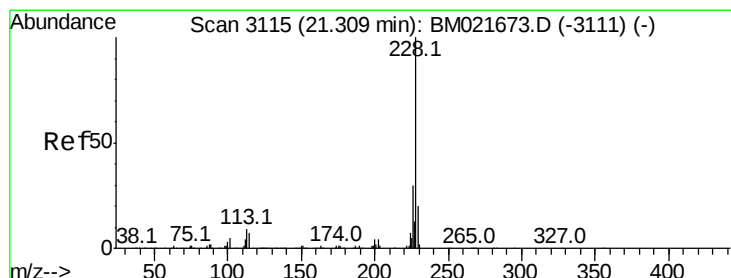
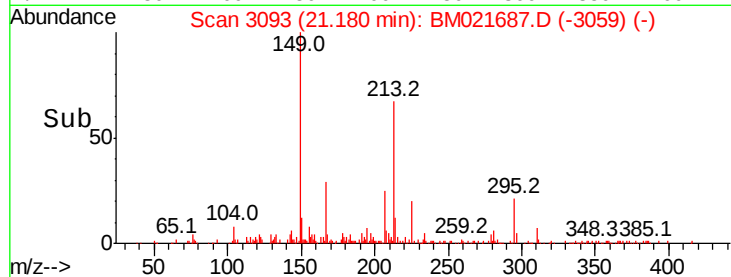
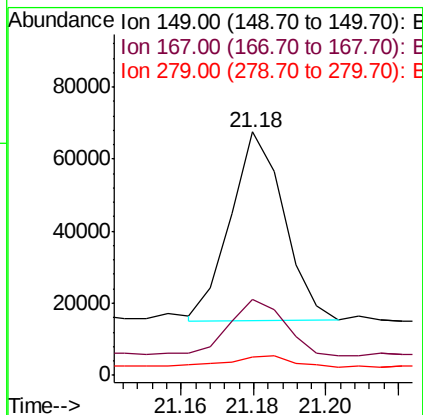
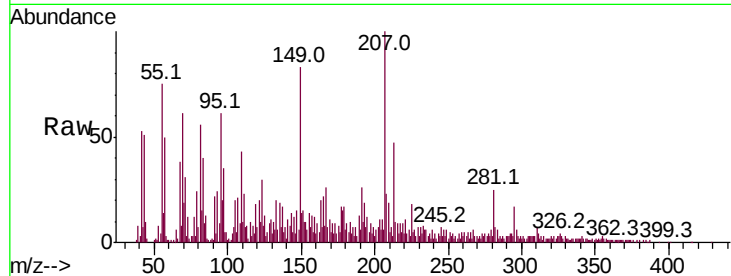




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.334 ng/ul
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM021687.D
 Acq: 27 Jul 2019 13:44

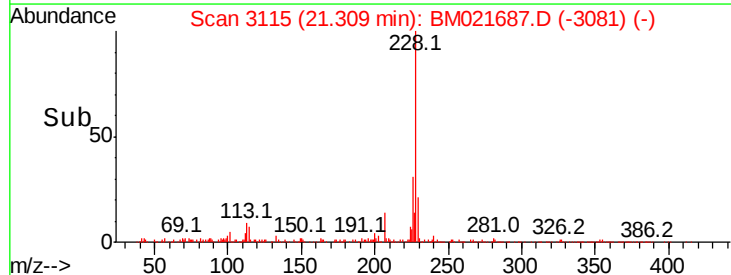
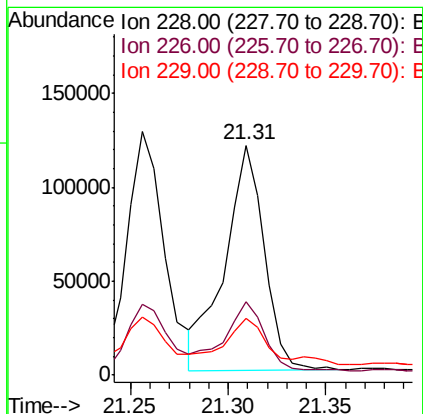
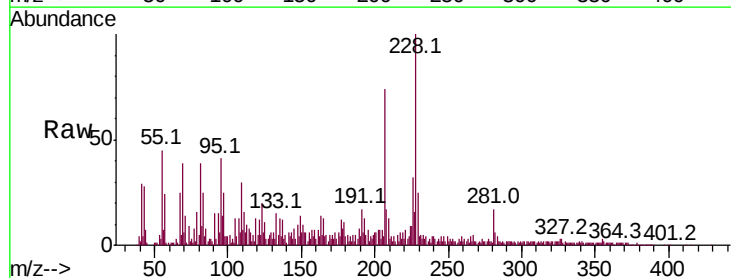
Instrument :
 BNA_M
 ClientSampleId :

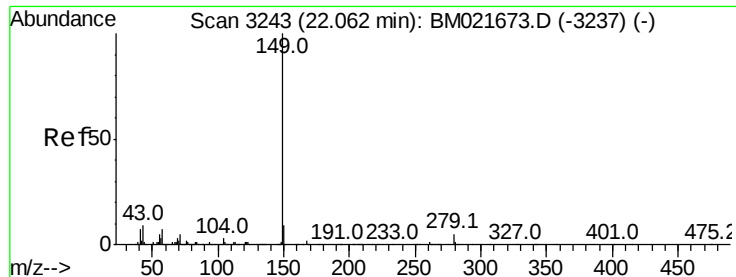
Tot Ion:149 Resp: 53445
 Ion Ratio Lower Upper
 149 100
 167 31.2 21.6 32.4
 279 7.5 3.8 5.6#



#84
 Chrysene
 Concen: 3.544 ng/ul
 RT: 21.31 min Scan# 3115
 Delta R.T. -0.00 min
 Lab File: BM021687.D
 Acq: 27 Jul 2019 13:44

Tgt Ion:228 Resp: 168131
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.0 36.0
 229 24.5 15.7 23.5#

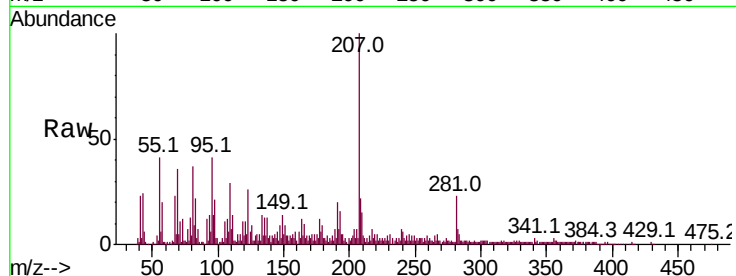




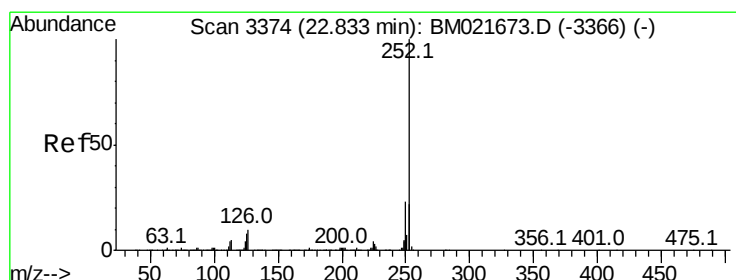
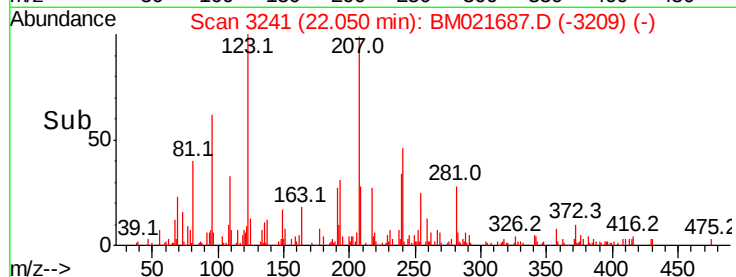
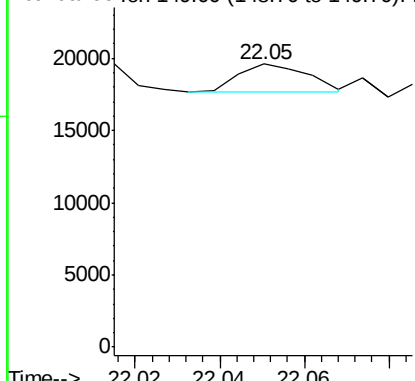
#86
Di-n-octyl phthalate
Concen: 0.043 ng/ul
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Instrument :
BNA_M
ClientSampled :

Tgt Ion:149 Resp: 2166

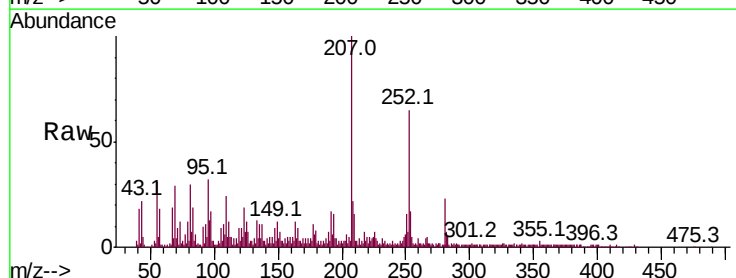


Abundance Ion 149.00 (148.70 to 149.70): E

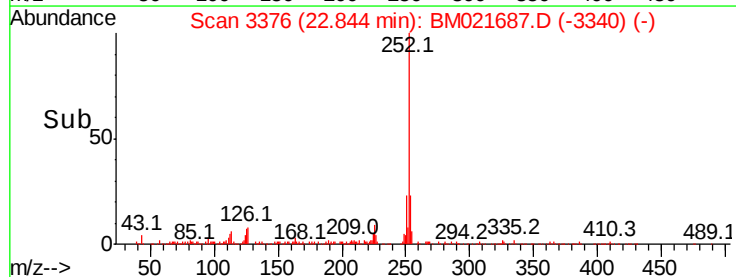
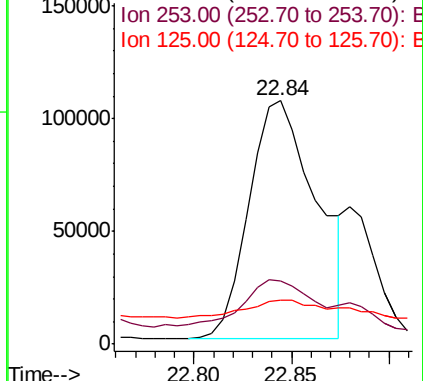


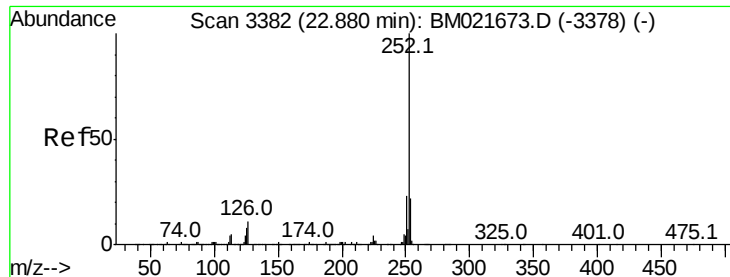
#87
Benzo(b)fluoranthene
Concen: 4.381 ng/ul
RT: 22.84 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion:252 Resp: 252556
Ion Ratio Lower Upper
252 100
253 26.1 17.3 25.9#
125 17.9 6.3 9.5#



Abundance Ion 252.00 (251.70 to 252.70): E





#88

Benzo(k)fluoranthene

Concen: 4.481 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. -0.04 min

Lab File: BM021687.D

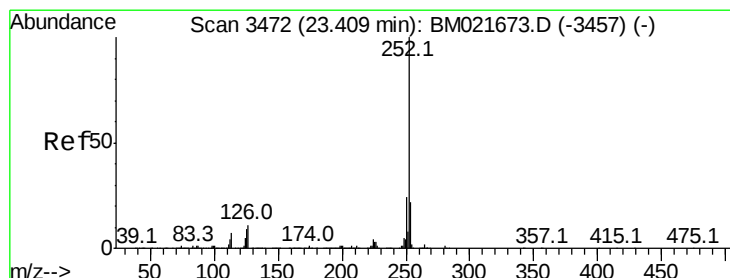
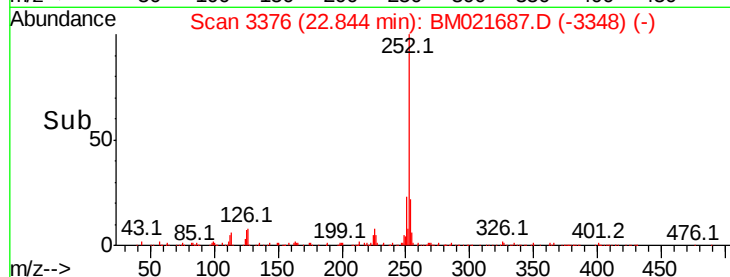
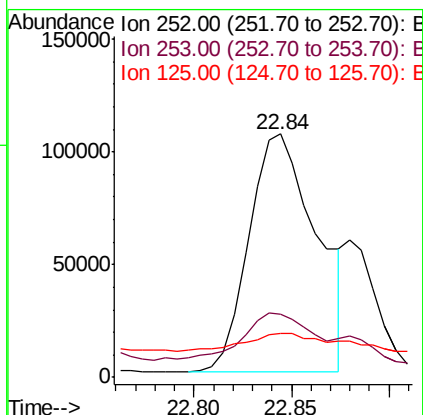
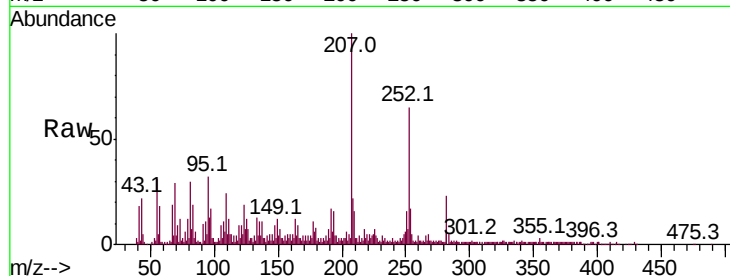
Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	252556
Ion Ratio	Lower	Upper
252	100	
253	26.1	17.7 26.5
125	17.9	6.3 9.5#



#90

Benzo(a)pyrene

Concen: 2.863 ng/ul

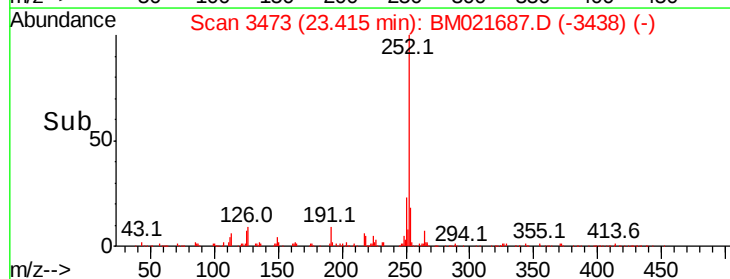
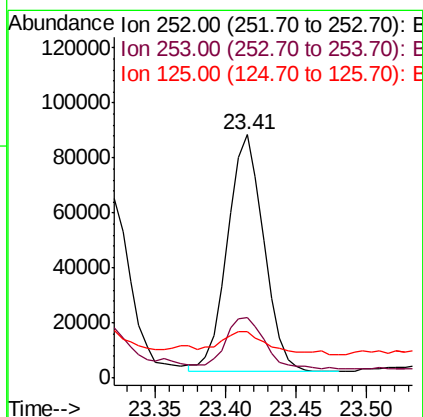
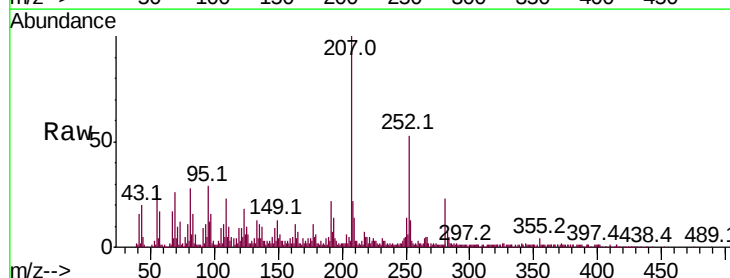
RT: 23.41 min Scan# 3473

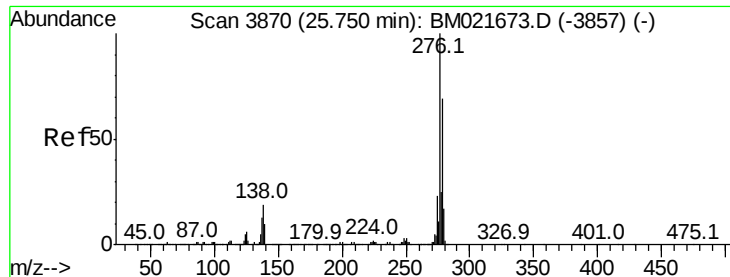
Delta R.T. 0.01 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Tgt Ion:252	Resp:	154519
Ion Ratio	Lower	Upper
252	100	
253	25.0	17.5 26.3
125	19.3	7.0 10.6#



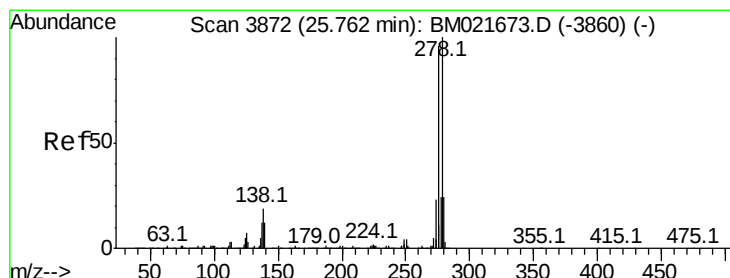
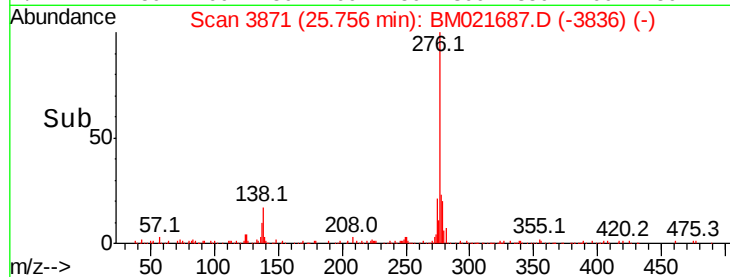
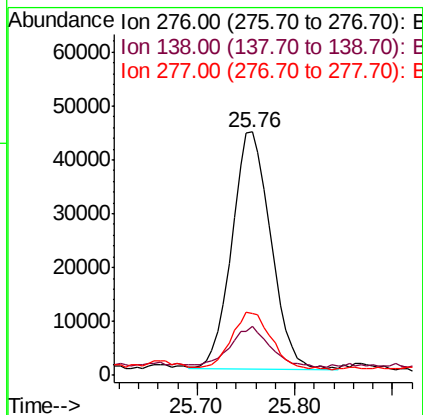
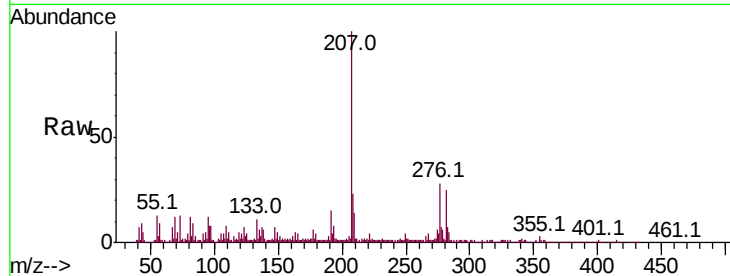


#91

Indeno(1,2,3-cd)pyrene
Concen: 1.962 ng/ul
RT: 25.76 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Instrument :
BNA_M
ClientSampleId :

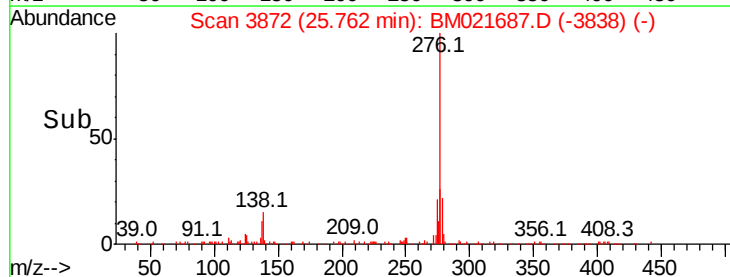
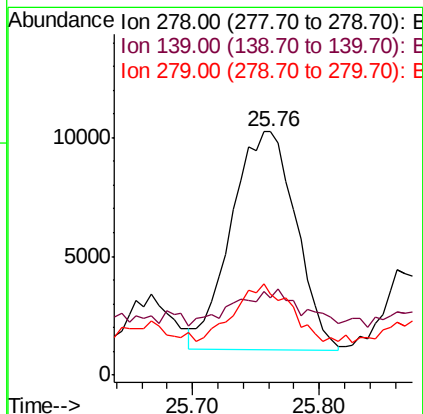
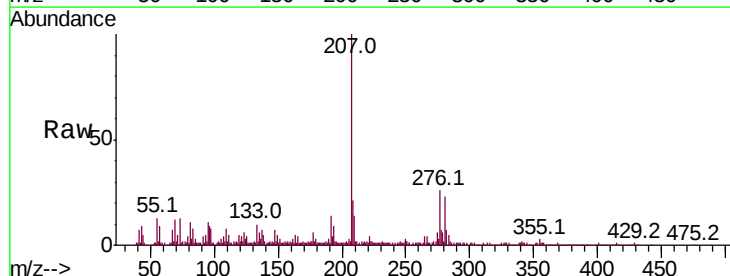
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	14.8	22.2
277	25.2	19.7	29.5

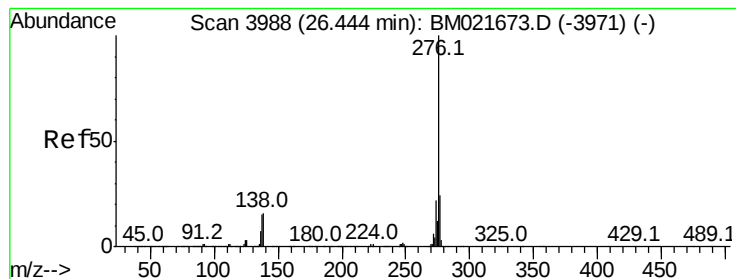


#92

Dibenzo(a,h)anthracene
Concen: 0.624 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. -0.00 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.7	9.6	14.4#
279	33.4	19.2	28.8#





#93

Benzo(a,h,i)perylene

Concen: 2.058 ng/ul

RT: 26.45 min Scan# 3989

Delta R.T. 0.01 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

ClientSampleId :

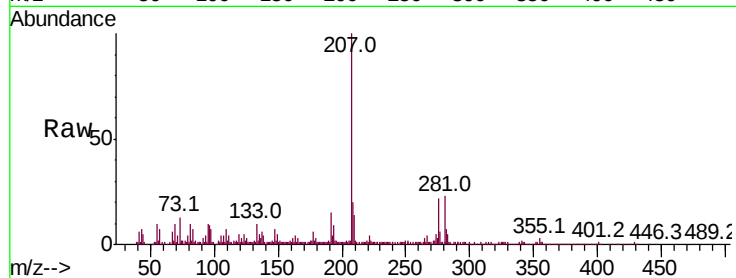
Tot Ion:276 Resp: 107094

Ion Ratio Lower Upper

276 100

138 20.7 13.1 19.7#

277 27.2 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

