

Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF6M1

Quant Time: Nov 12 00:05:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 12 00:02:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	422969	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	1698627	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	999013	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1775889	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1603725	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1979658	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	17697	1.72	ng/uL	0.00
5) Phenol-d5	6.73	99	335649	8.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	791338	35.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	843907	30.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	593373	19.29	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	504766	41.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	544548	42.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	1055936	36.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	952308	29.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	3076472	39.49	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	3690622	41.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	89957	6.76	ng/ul	0.01
58) Fluorene-d10	15.20	176	2563969	37.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	279855	27.24	ng/ul	0.00
71) Anthracene-d10	17.05	188	3525924	41.85	ng/ul	0.00
79) Pyrene-d10	19.36	212	3509711	41.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	4249054	40.79	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.11	88	27002	2.456 ng/uL#	1
4) Benzaldehyde	6.71	77	129115	5.708 ng/ul#	1
6) Phenol	6.76	94	124895	3.144 ng/ul#	93
8) Bis(2-Chloroethyl)ether	7.00	93	46527	1.529 ng/ul#	35
11) 2-Methylphenol	8.00	108	3628439	122.392 ng/ul	100
14) Acetophenone	8.35	105	459278	9.575 ng/ul#	40
15) N-Nitroso-di-n-propylamine	8.35	70	45135	1.791 ng/ul#	85
16) 4-Methylphenol	8.33	108	208661	6.357 ng/ul	91
17) Hexachloroethane	8.65	117	247074	21.622 ng/ul#	2
20) Nitrobenzene	8.73	77	34843	1.084 ng/ul#	15
24) 2,4-Dimethylphenol	9.54	107	9995741	307.719 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	153379	3.897 ng/ul#	1
28) Naphthalene	10.37	128	3276517	36.699 ng/ul	99
34) 2-Methylnaphthalene	12.00	142	1595336	23.359 ng/ul	97
35) 1-Methylnaphthalene	12.22	142	1084766	16.105 ng/ul#	98
41) 1,1'-Biphenyl	13.03	154	100316	1.302 ng/ul	97
45) Dimethylphthalate	13.67	163	283728	3.716 ng/ul	97
46) 2,6-Dinitrotoluene	13.76	165	1692184	121.689 ng/ul#	41
48) Acenaphthylene	13.92	152	138400	1.546 ng/ul#	80
50) Acenaphthene	14.27	153	191820	3.020 ng/ul	98
57) Diethylphthalate	15.04	149	1128836	15.068 ng/ul	98
59) Fluorene	15.26	166	130887	1.716 ng/ul#	91
65) N-Nitrosodiphenylamine	15.48	169	78285	1.502 ng/ul#	77

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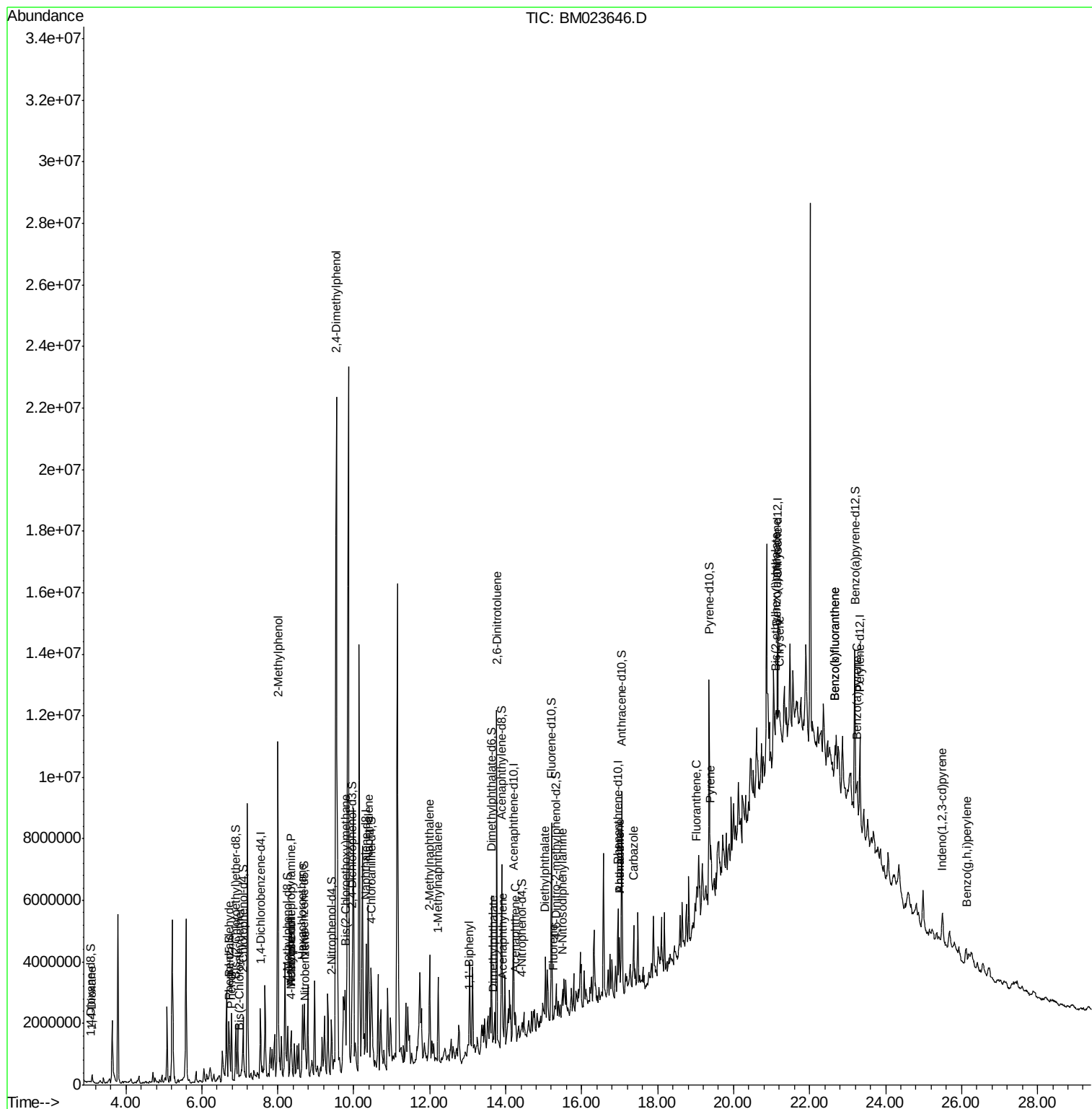
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Phenanthrene	17.00	178	805055	8.230	ng/ul	95
72) Anthracene	17.00	178	805055	8.185	ng/ul	94
75) Carbazole	17.36	167	102036	1.244	ng/ul#	64
77) Fluoranthene	19.02	202	668697	6.381	ng/ul#	96
80) Pyrene	19.39	202	919693	8.872	ng/ul	98
83) Benzo(a)anthracene	21.14	228	451045	4.264	ng/ul#	85
84) Bis(2-ethylhexyl)phthalate	21.10	149	191931	3.872	ng/ul#	80
85) Chrysene	21.19	228	492688	4.947	ng/ul#	89
88) Benzo(b)fluoranthene	22.68	252	439474	3.482	ng/ul#	47
89) Benzo(k)fluoranthene	22.68	252	439474	3.615	ng/ul#	45
91) Benzo(a)pyrene	23.23	252	299330	2.591	ng/ul#	49
92) Indeno(1,2,3-cd)pyrene	25.48	276	205207	1.661	ng/ul#	86
94) Benzo(g,h,i)perylene	26.14	276	238788	2.385	ng/ul#	90

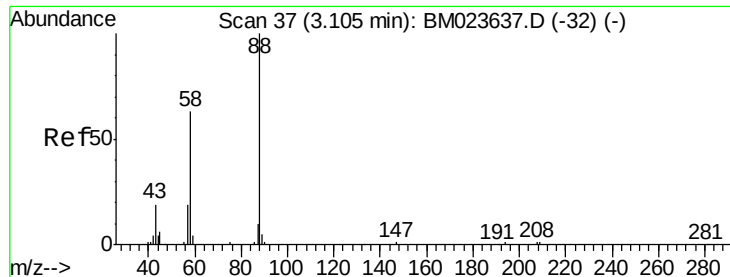
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.456 ng/uL

RT: 3.11 min Scan# 38

Delta R.T. 0.01 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

Instrument :

BNA_M

ClientSampleId :

BF6M1

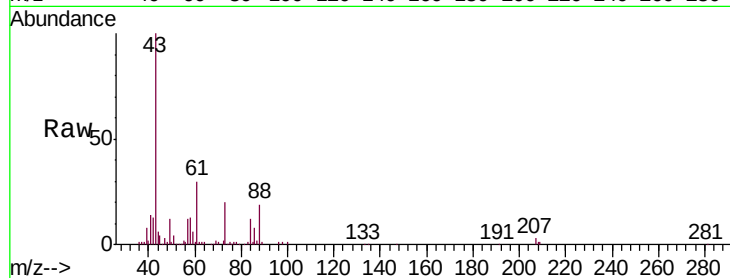
Tgt Ion: 88 Resp: 27002

Ion Ratio Lower Upper

88 100

43 534.1 18.9 28.3#

58 71.8 49.1 73.7

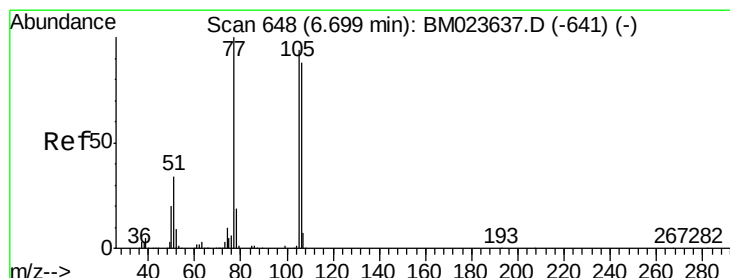
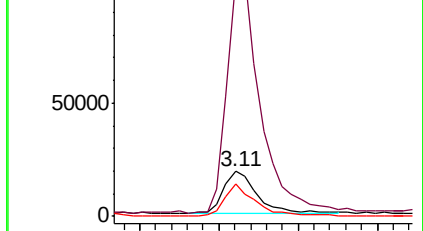
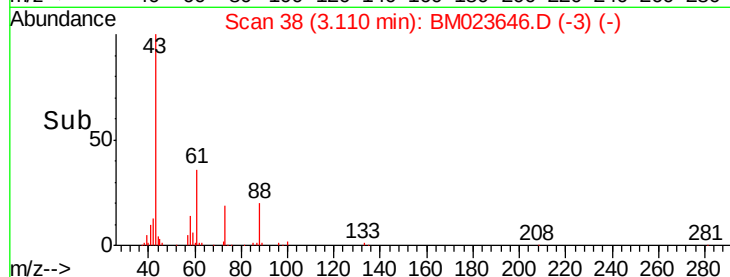


Abundance Ion 88.00 (87.70 to 88.70): BM023637.D (-32) (-)

Ion 43.00 (42.70 to 43.70): BM023637.D (-32) (-)

Ion 58.00 (57.70 to 58.70): BM023637.D (-32) (-)

Time-->



#4

Benzaldehyde

Concen: 5.708 ng/uL

RT: 6.71 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

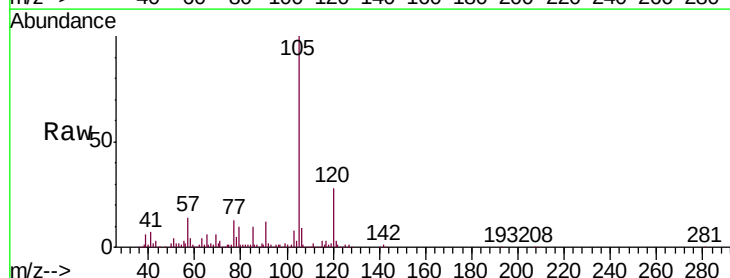
Tgt Ion: 77 Resp: 129115

Ion Ratio Lower Upper

77 100

105 749.8 75.9 113.9#

106 70.6 70.2 105.4

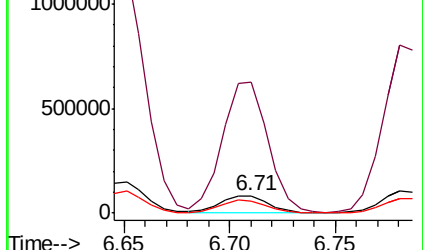
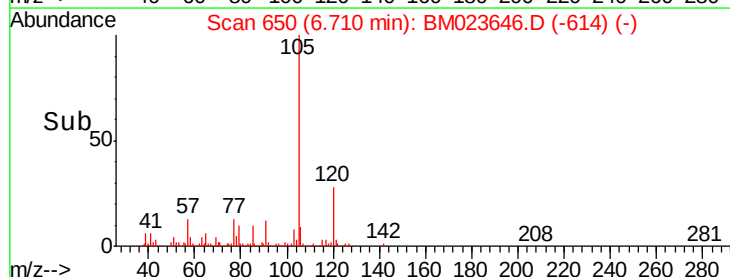


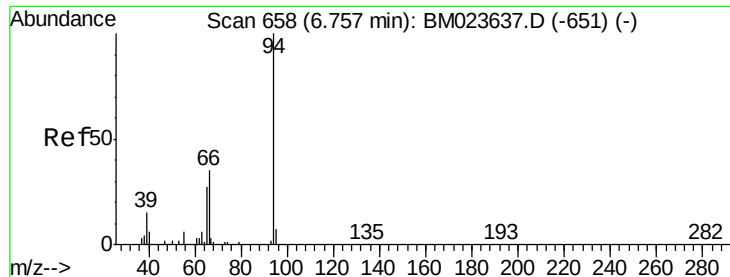
Abundance Ion 77.00 (76.70 to 77.70): BM023637.D (-641) (-)

Ion 105.00 (104.70 to 105.70): BM023637.D (-641) (-)

Ion 106.00 (105.70 to 106.70): BM023637.D (-641) (-)

Time-->





#6

Phenol

Concen: 3.144 ng/ul

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

Instrument :

BNA_M

ClientSampled :

BF6M1

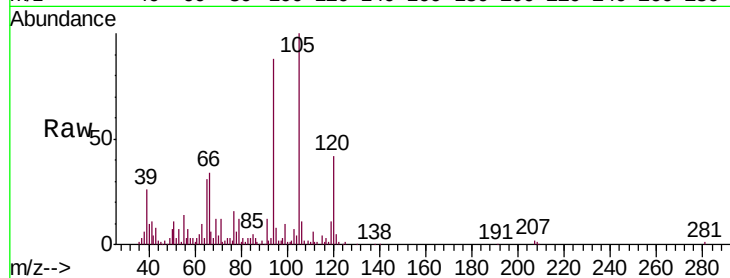
Tgt Ion: 94 Resp: 124895

Ion Ratio Lower Upper

94 100

65 34.9 21.4 32.2#

66 39.1 30.7 46.1

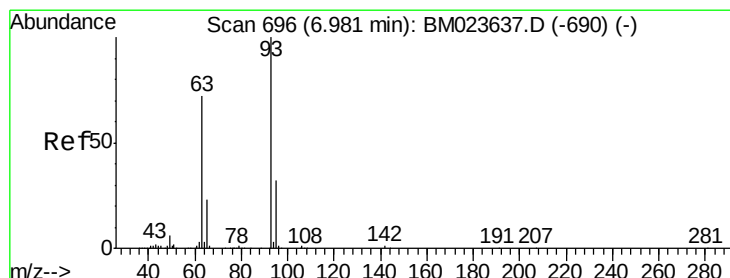
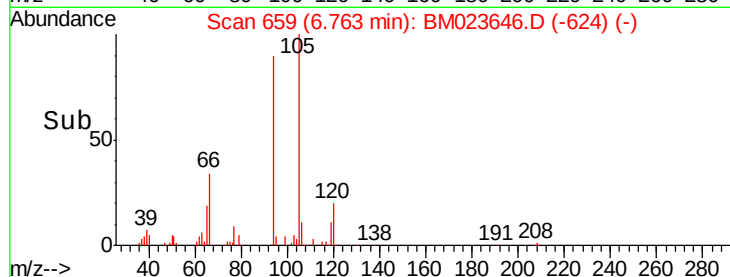
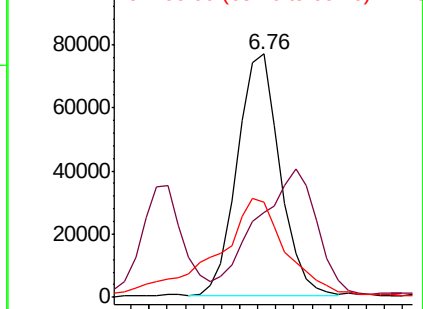


Abundance

Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



#8

Bis(2-Chloroethyl)ether

Concen: 1.529 ng/ul

RT: 7.00 min Scan# 699

Delta R.T. 0.02 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

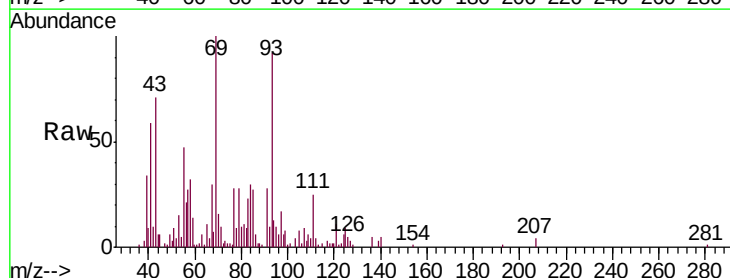
Tgt Ion: 93 Resp: 46527

Ion Ratio Lower Upper

93 100

63 6.3 55.4 83.0#

95 10.8 26.2 39.4#

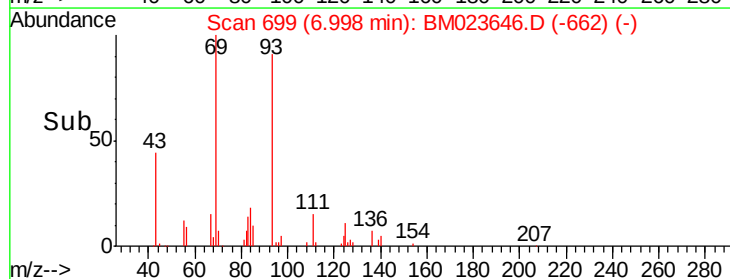
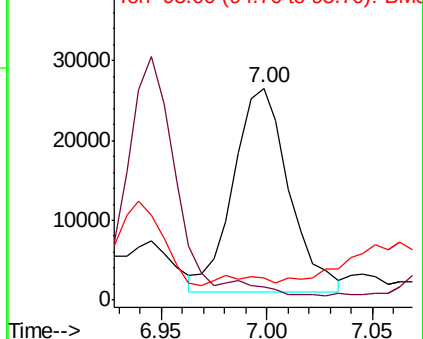


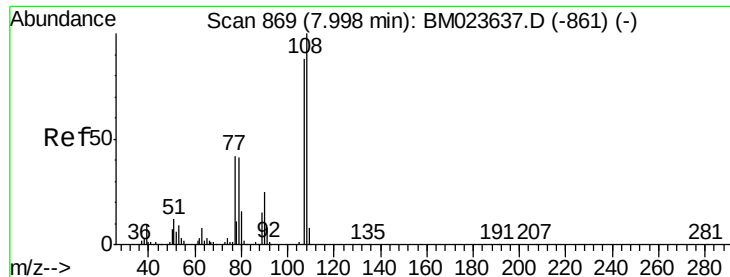
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

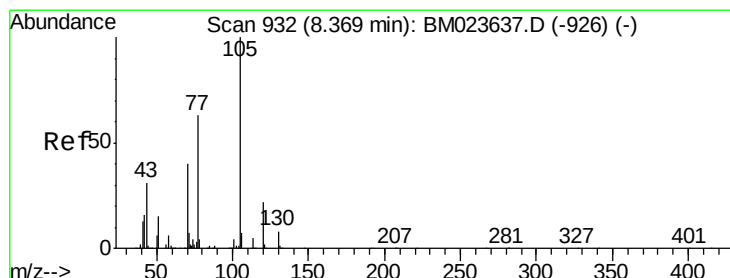
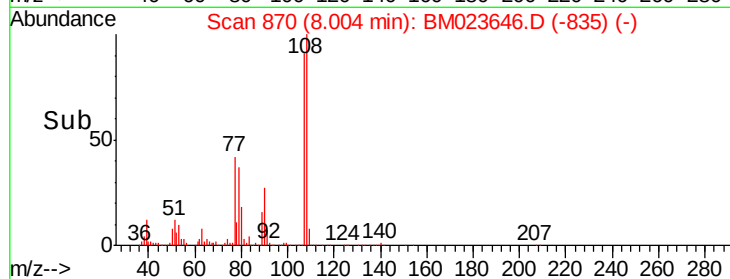
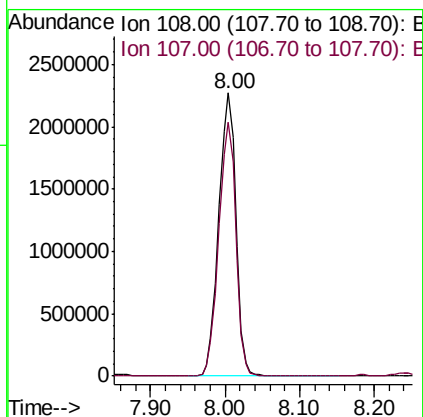
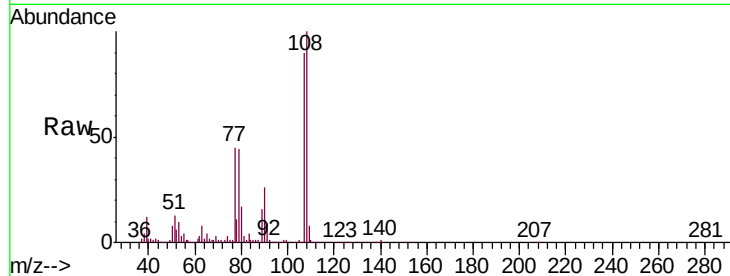




#11
2-Methylphenol
Concen: 122.392 ng/ul
RT: 8.00 min Scan# 870
Delta R.T. 0.01 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

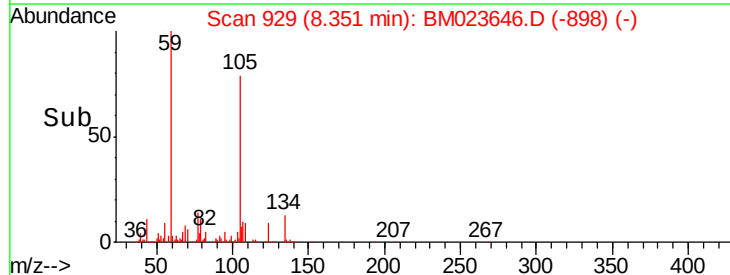
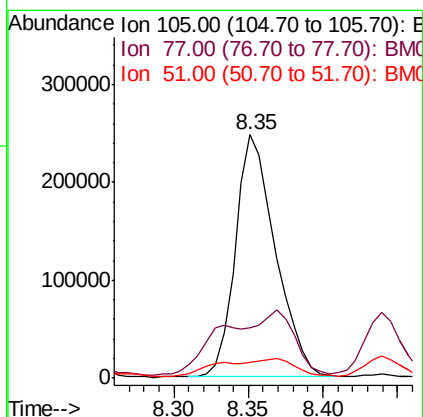
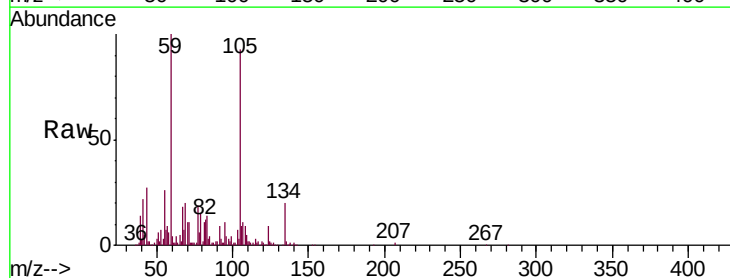
Instrument :
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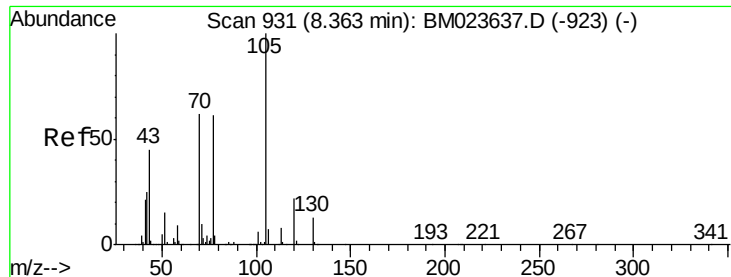
Tgt Ion:108 Resp: 3628439
Ion Ratio Lower Upper
108 100
107 89.7 71.4 107.2



#14
Acetophenone
Concen: 9.575 ng/ul
RT: 8.35 min Scan# 929
Delta R.T. -0.02 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

Tgt Ion:105 Resp: 459278
Ion Ratio Lower Upper
105 100
77 20.6 63.8 95.6#
51 6.5 16.3 24.5#

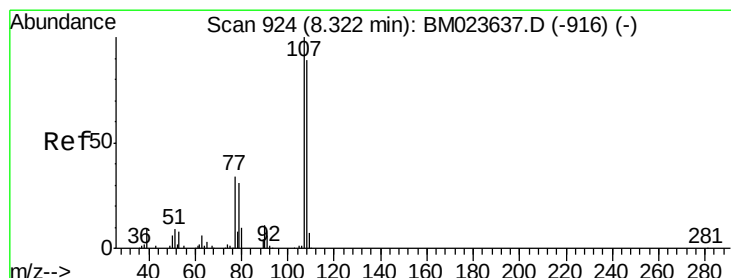
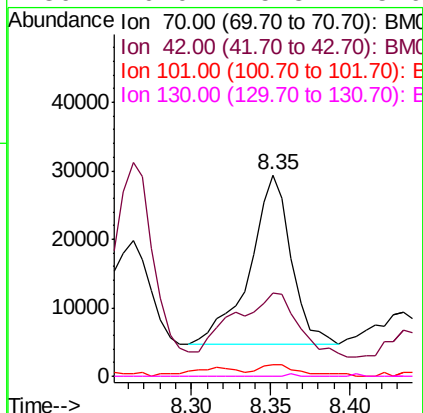
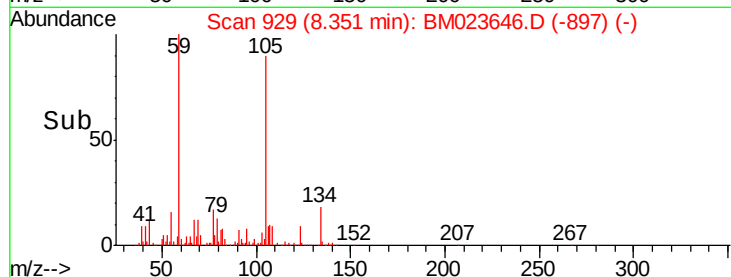
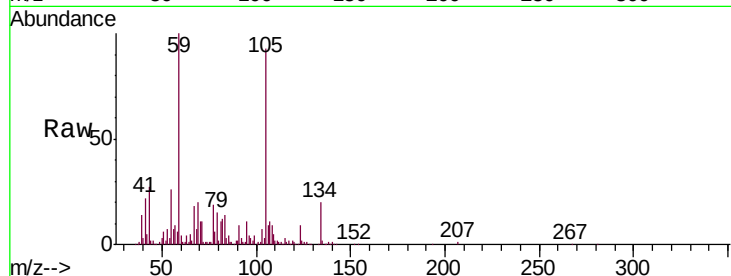




#15
N-Nitroso-di-n-propylamine
Concen: 1.791 ng/ul
RT: 8.35 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

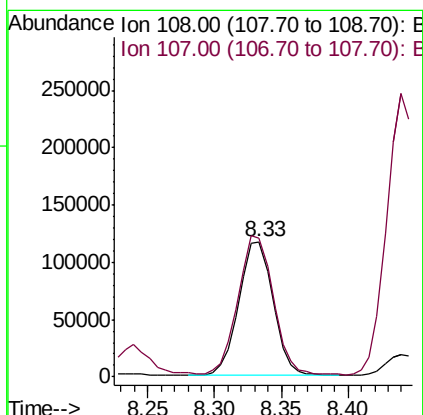
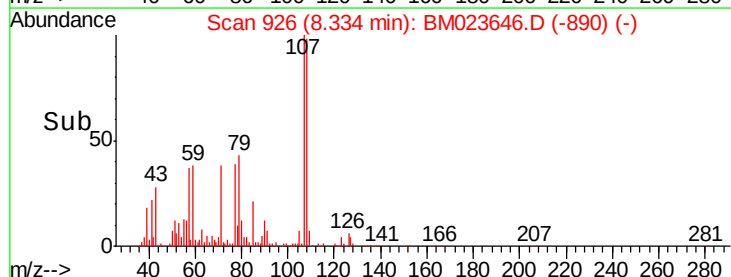
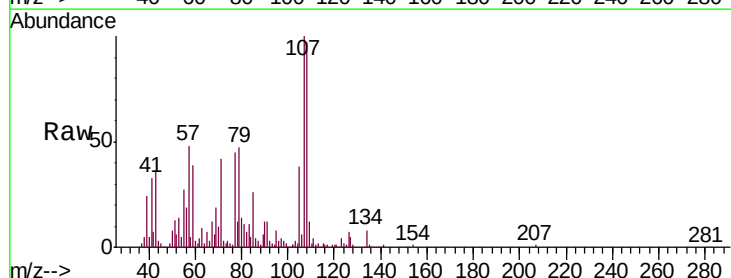
Instrument :
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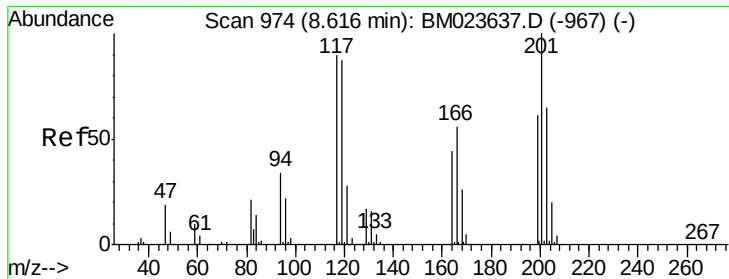
Tgt Ion	Ratio	Lower	Upper
70	100		
42	41.2	32.1	48.1
101	5.9	7.4	11.2#
130	0.0	15.8	23.6#



#16
4-Methylphenol
Concen: 6.357 ng/ul
RT: 8.33 min Scan# 926
Delta R.T. 0.01 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
108	100		
107	103.1	89.8	134.6





#17

Hexachloroethane

Concen: 21.622 ng/ul

RT: 8.65 min Scan# 980

Delta R.T. 0.04 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

Instrument :

BNA_M

ClientSampleId :

BF6M1

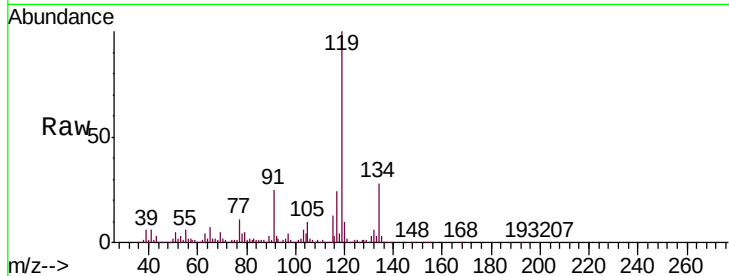
Tgt Ion:117 Resp: 247074

Ion Ratio Lower Upper

117 100

201 0.0 90.0 135.0#

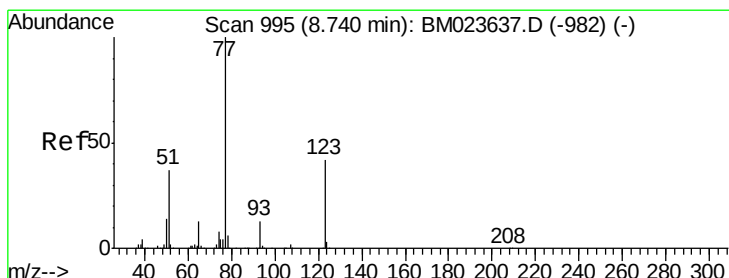
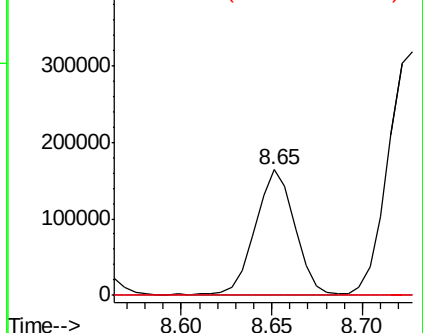
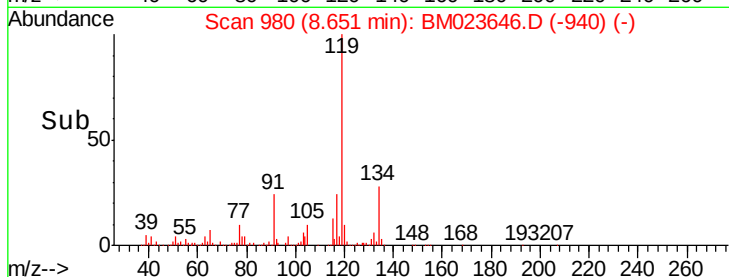
199 0.0 57.0 85.4#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 1.084 ng/ul

RT: 8.73 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

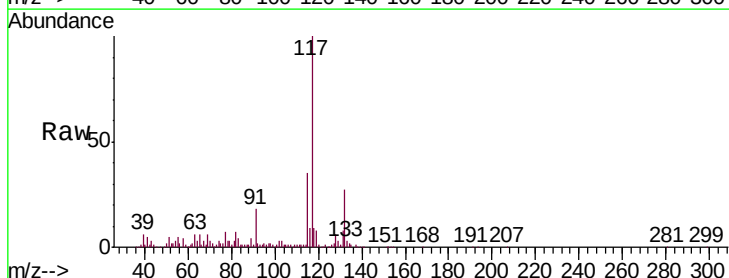
Tgt Ion: 77 Resp: 34843

Ion Ratio Lower Upper

77 100

123 8.1 33.1 49.7#

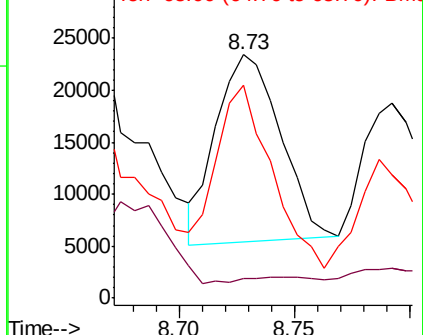
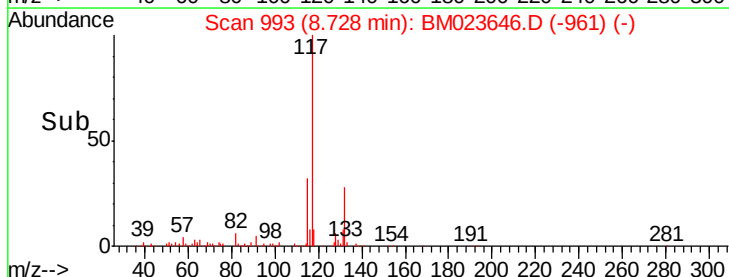
65 87.3 9.8 14.8#

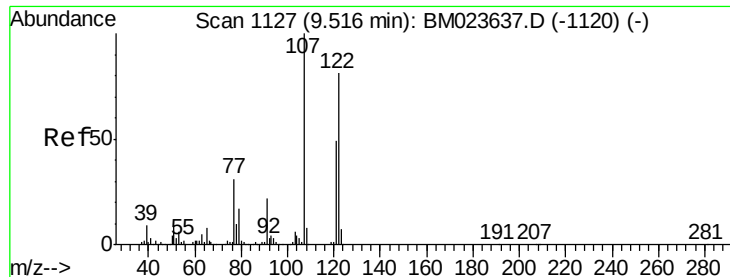


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM

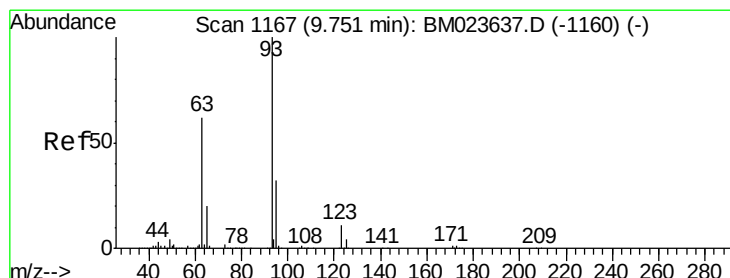
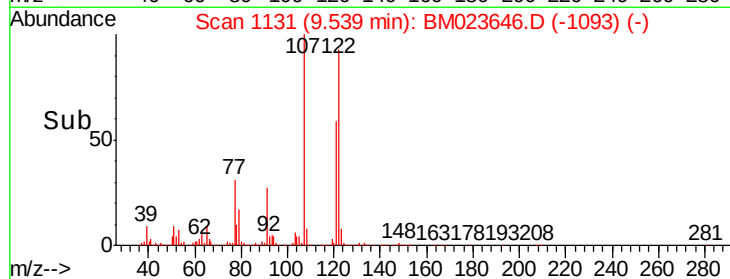
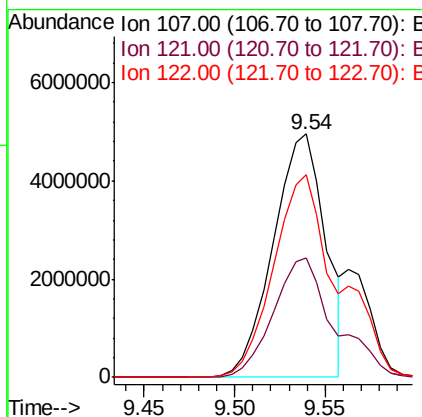
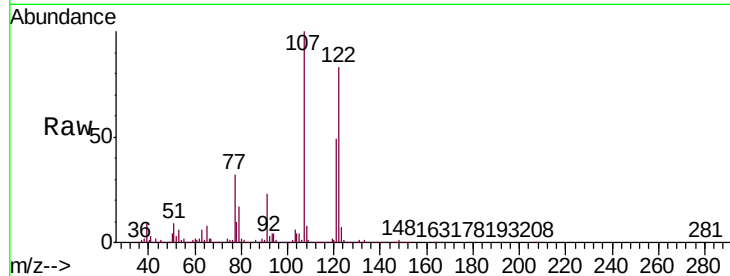




#24
 2,4-Dimethylphenol
 Concen: 307.719 ng/ul
 RT: 9.54 min Scan# 1131
 Delta R.T. 0.02 min
 Lab File: BM023646.D
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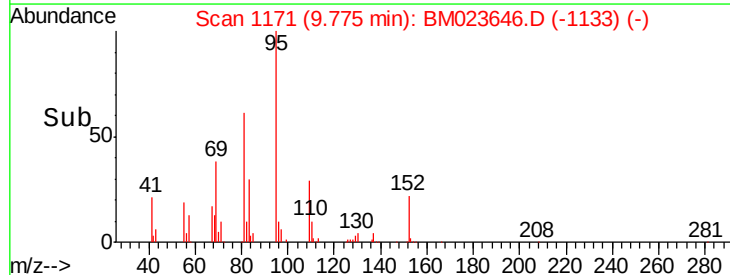
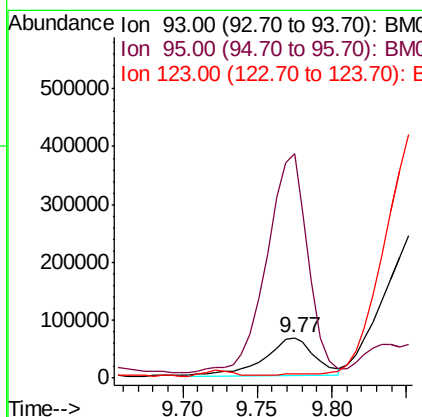
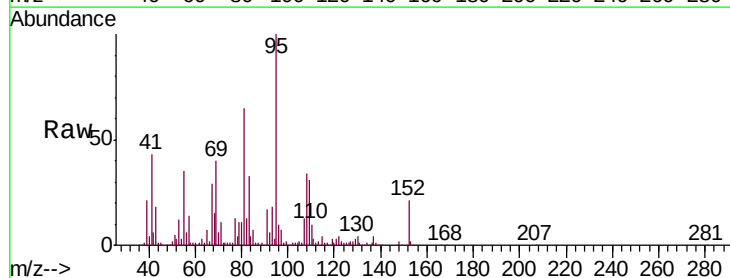
Instrument :
 BNA_M
 ClientSampleId :
 BF6M1

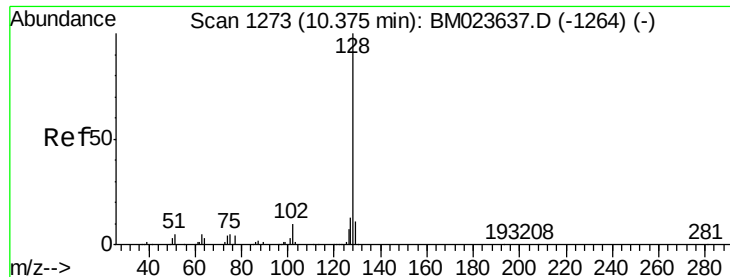
Tgt Ion: 107 Resp: 9995741
 Ion Ratio Lower Upper
 107 100
 121 49.3 38.6 57.8
 122 83.4 65.9 98.9



#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.897 ng/ul
 RT: 9.77 min Scan# 1171
 Delta R.T. 0.02 min
 Lab File: BM023646.D
 Acq: 11 Nov 2019 20:53

Tgt Ion: 93 Resp: 153379
 Ion Ratio Lower Upper
 93 100
 95 551.9 25.7 38.5#
 123 11.2 8.3 12.5

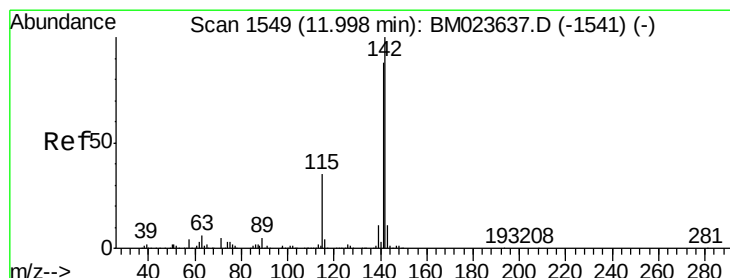
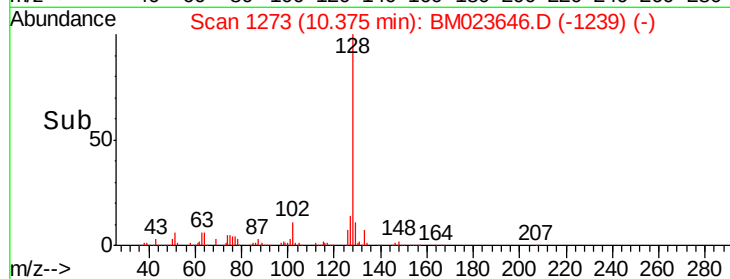
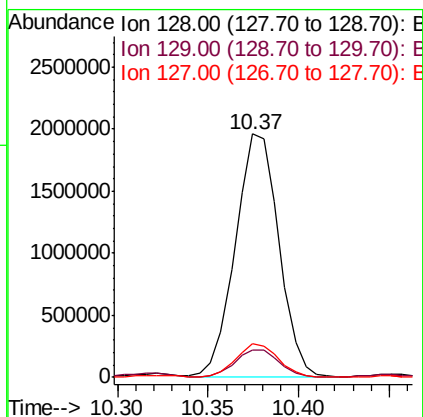
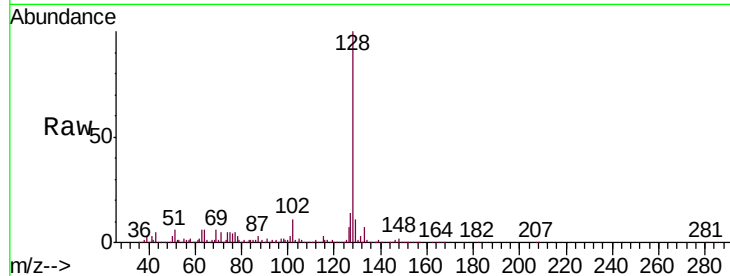




#28
Naphthalene
Concen: 36.699 ng/ul
RT: 10.37 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

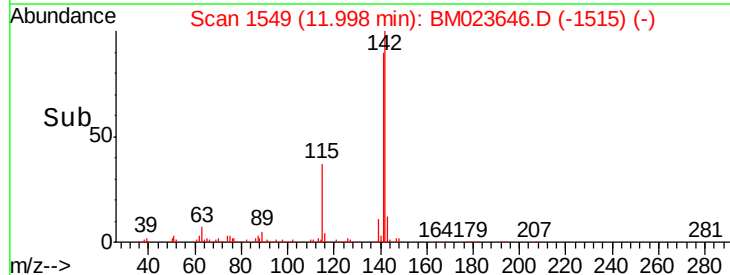
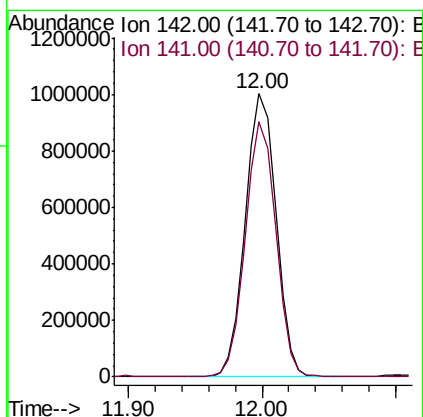
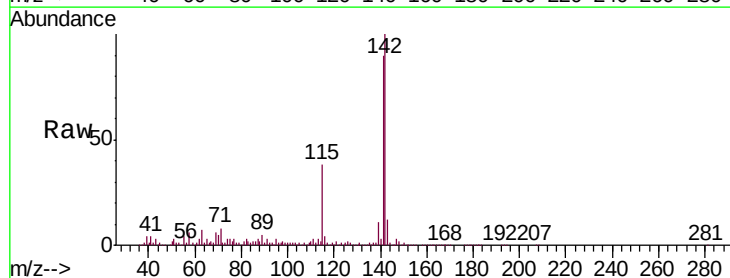
Instrument :
BNA_M
ClientSampleId :
BF6M1

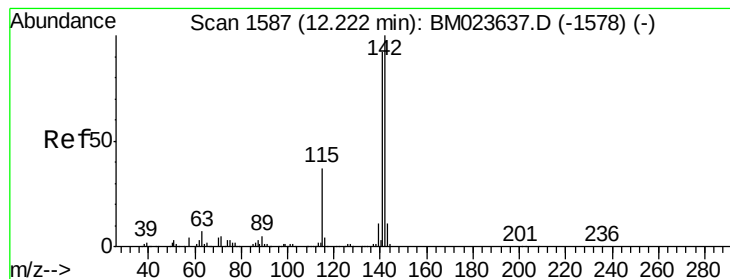
Tgt Ion:128 Resp: 3276517
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.6 16.0



#34
2-Methylnaphthalene
Concen: 23.359 ng/ul
RT: 12.00 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

Tgt Ion:142 Resp: 1595336
Ion Ratio Lower Upper
142 100
141 90.1 69.8 104.8





#35

1-Methylnaphthalene

Concen: 16.105 ng/ul

RT: 12.22 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

Instrument :

BNA_M

ClientSampleId :

BF6M1

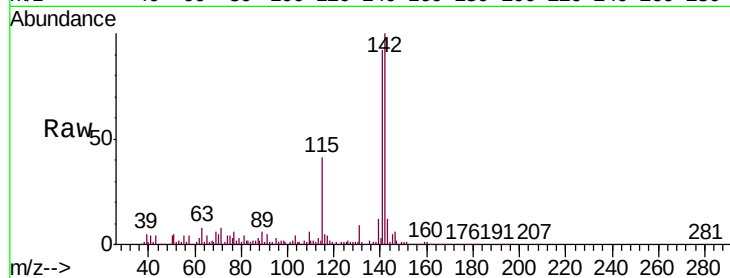
Tgt Ion:142 Resp: 1084766

Ion Ratio Lower Upper

142 100

141 91.5 74.6 112.0

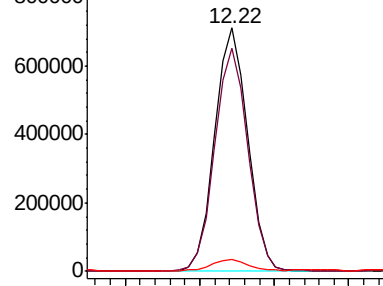
116 4.9 3.2 4.8#



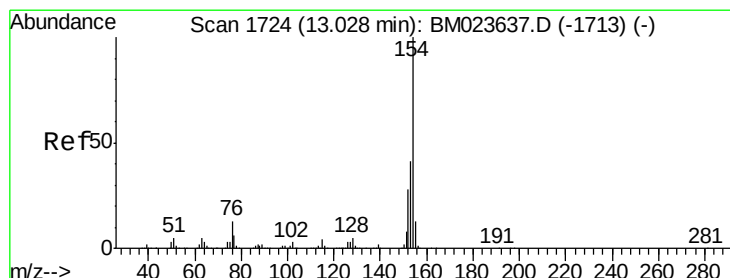
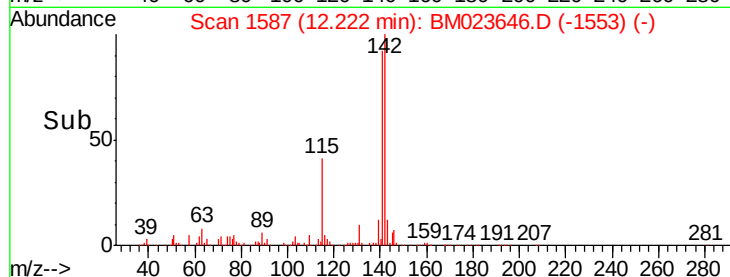
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->



#41

1,1'-Biphenyl

Concen: 1.302 ng/ul

RT: 13.03 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

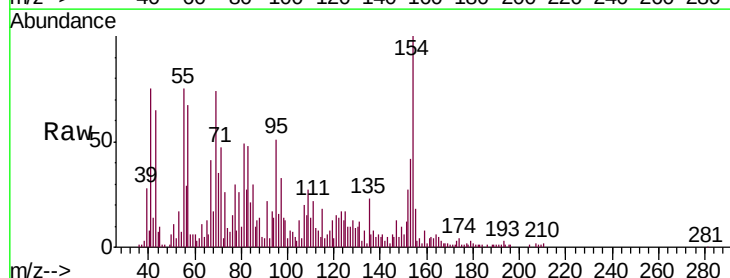
Tgt Ion:154 Resp: 100316

Ion Ratio Lower Upper

154 100

153 42.0 32.3 48.5

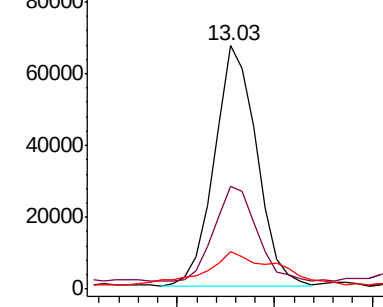
76 15.4 10.6 15.8



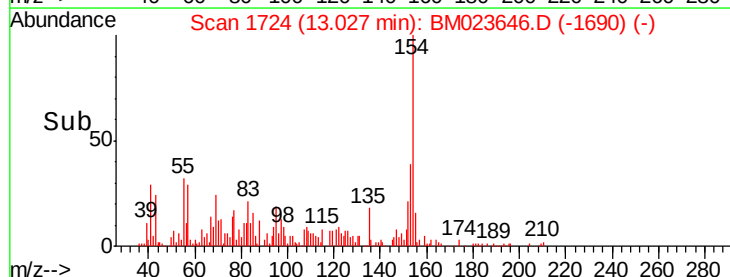
Abundance Ion 154.00 (153.70 to 154.70): E

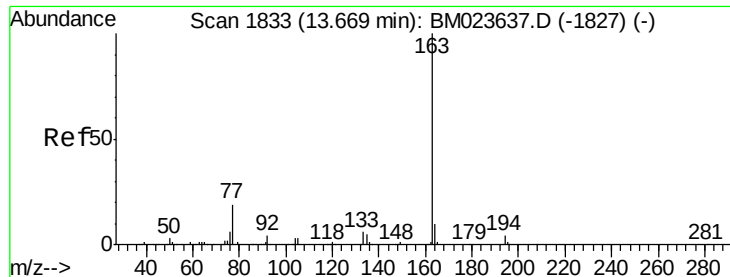
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



Time-->

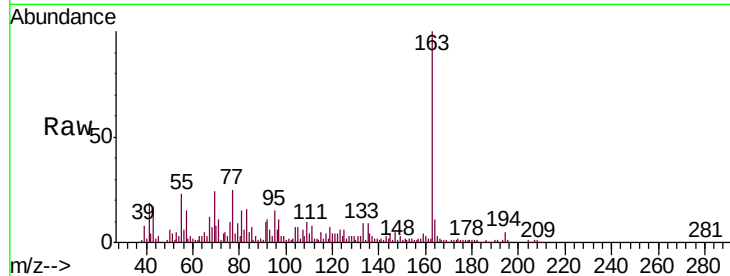




#45
Dimethylphthalate
Concen: 3.716 ng/ul
RT: 13.67 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

Instrument :
BNA_M
ClientSampleId :
BF6M1

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	11.4	8.0	12.0

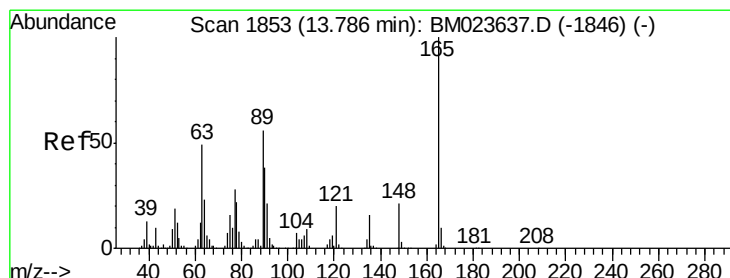
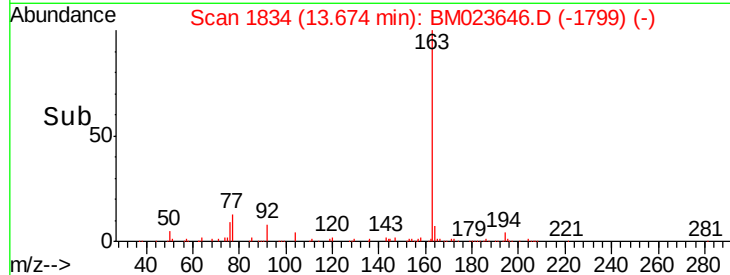
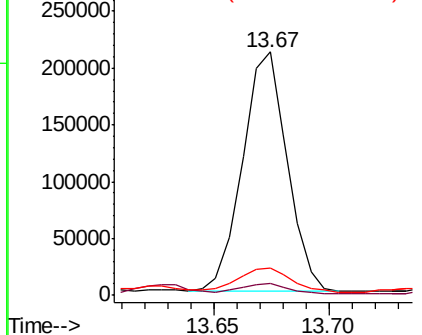


Abundance

Ion 163.00 (162.70 to 163.70): E

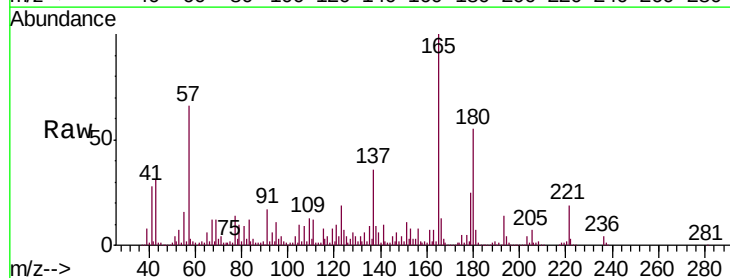
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#46
2,6-Dinitrotoluene
Concen: 121.689 ng/ul
RT: 13.76 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
165	100		
89	2.1	43.8	65.8#
121	10.0	17.0	25.4#

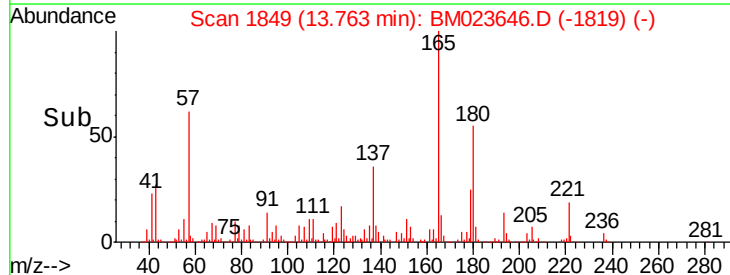
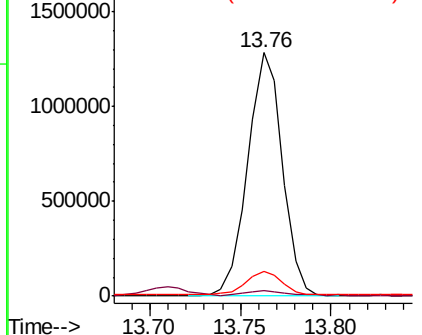


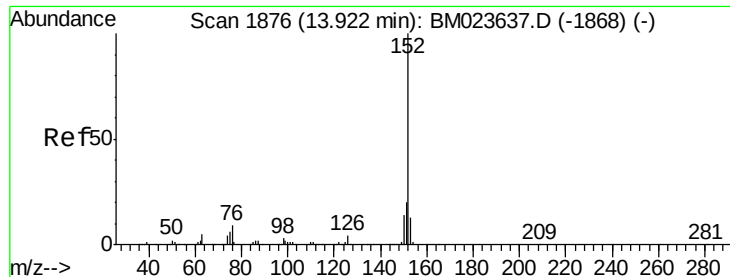
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 1.546 ng/ul

RT: 13.92 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

Instrument :

BNA_M

ClientSampleId :

BF6M1

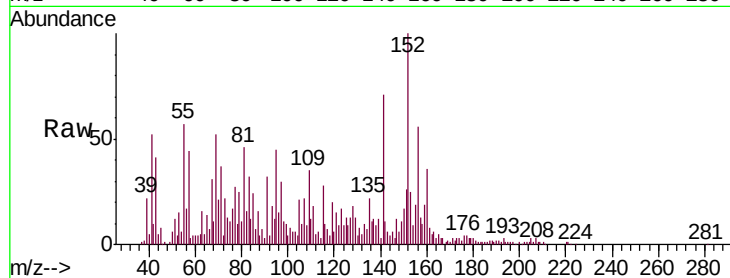
Tgt Ion:152 Resp: 138400

Ion Ratio Lower Upper

152 100

151 26.2 16.1 24.1#

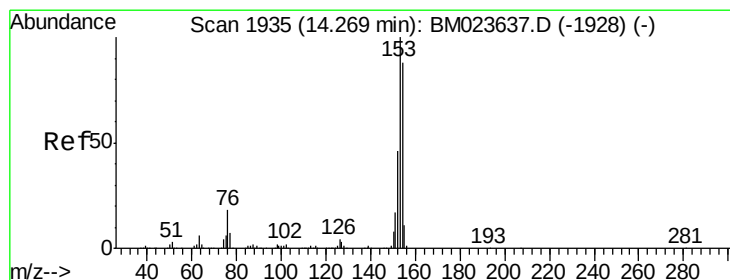
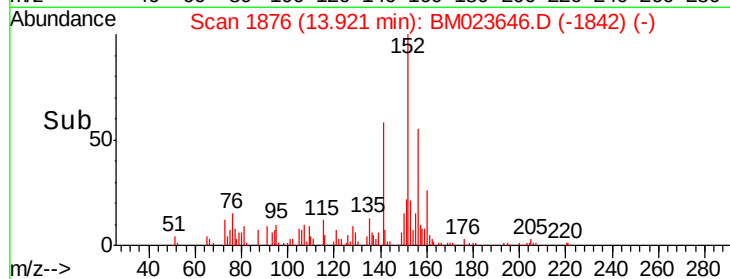
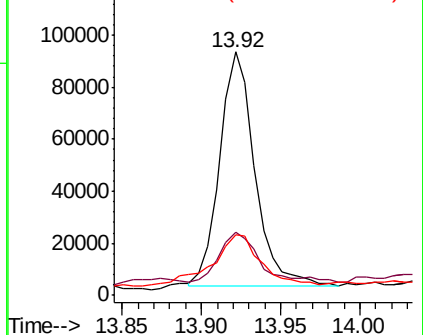
153 24.9 10.4 15.6#



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



#50

Acenaphthene

Concen: 3.020 ng/ul

RT: 14.27 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

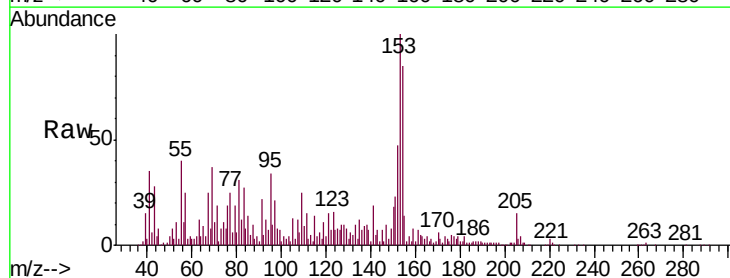
Tgt Ion:153 Resp: 191820

Ion Ratio Lower Upper

153 100

152 47.1 37.7 56.5

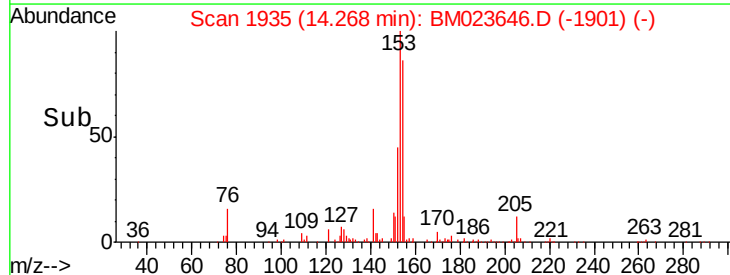
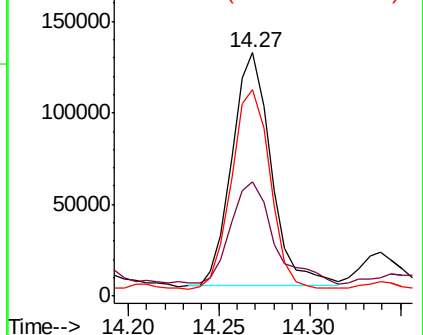
154 85.1 70.6 106.0

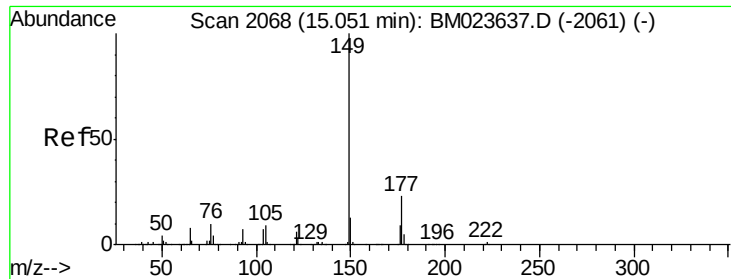


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

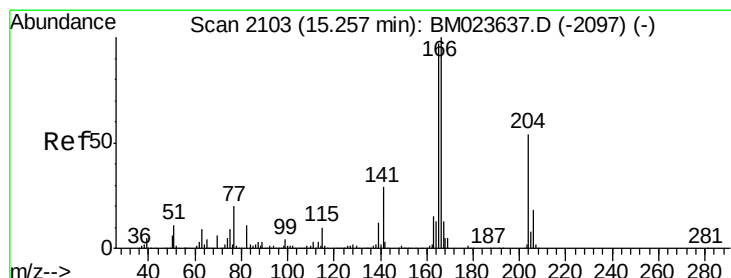
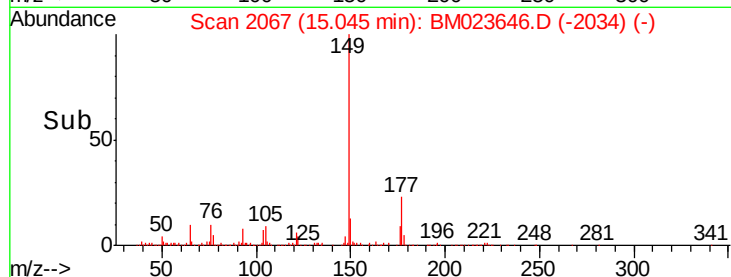
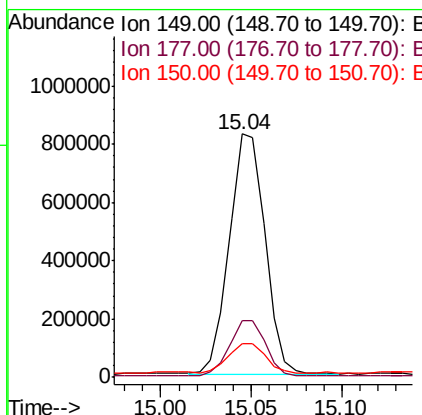
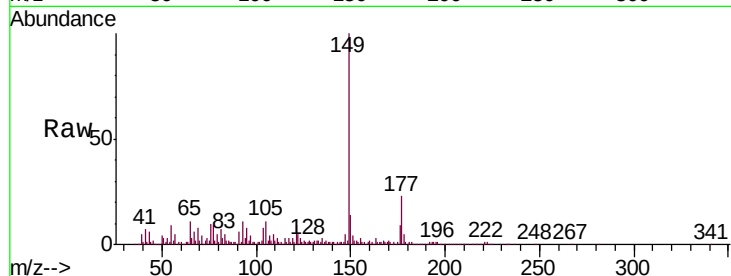




#57
Diethylphthalate
Concen: 15.068 ng/ul
RT: 15.04 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

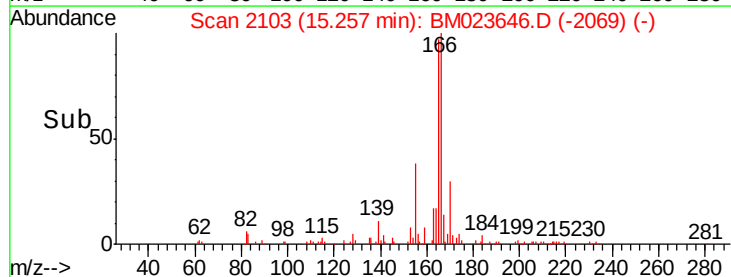
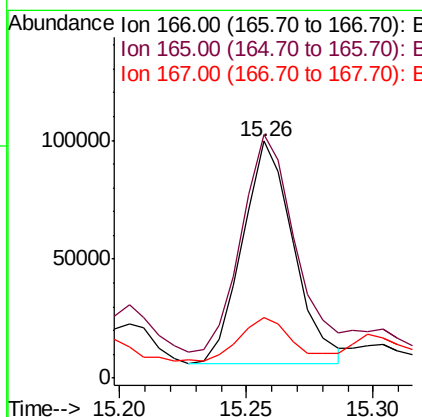
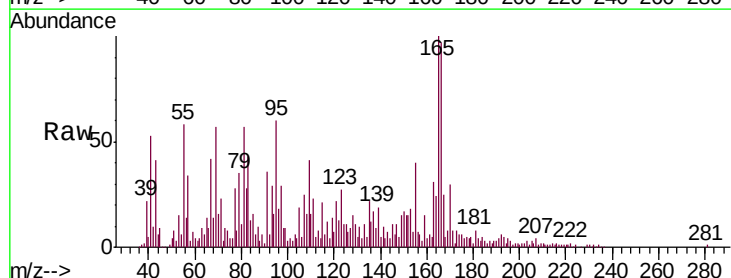
Instrument :
BNA_M
ClientSampleId :
BF6M1

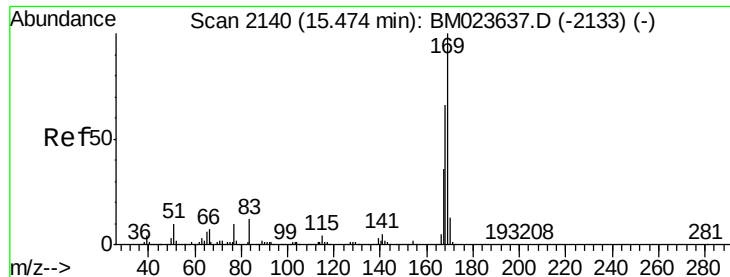
Tgt Ion:149 Resp: 1128836
Ion Ratio Lower Upper
149 100
177 23.1 18.9 28.3
150 14.0 9.9 14.9



#59
Fluorene
Concen: 1.716 ng/ul
RT: 15.26 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

Tgt Ion:166 Resp: 130887
Ion Ratio Lower Upper
166 100
165 102.7 77.2 115.8
167 25.6 10.9 16.3#

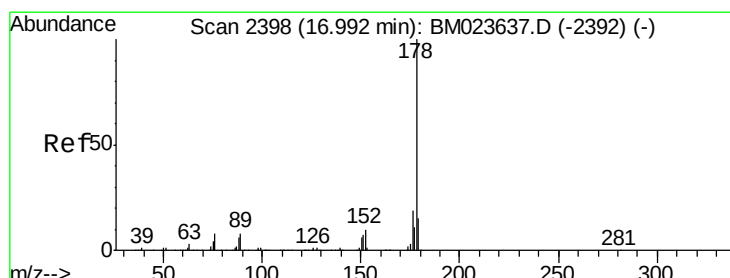
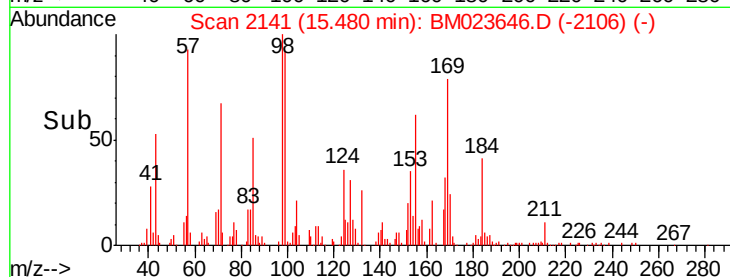
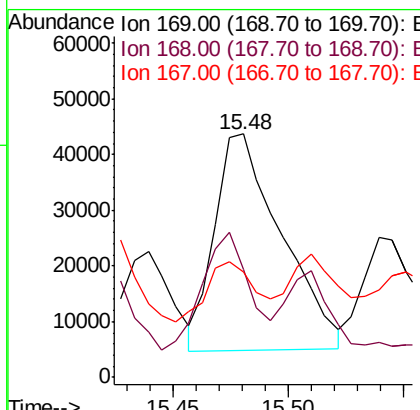
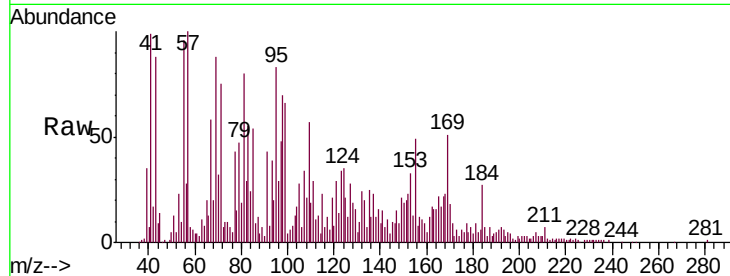




#65
N-Nitrosodiphenylamine
Concen: 1.502 ng/ul
RT: 15.48 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

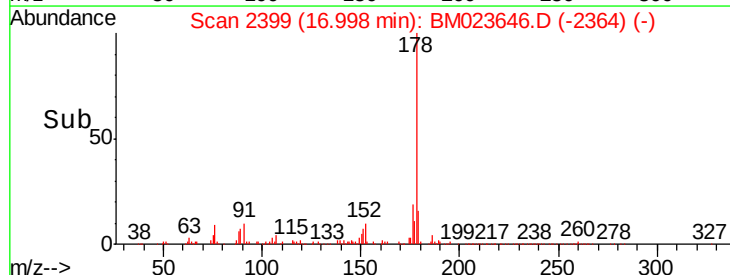
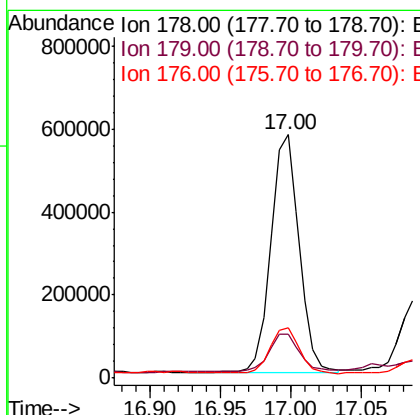
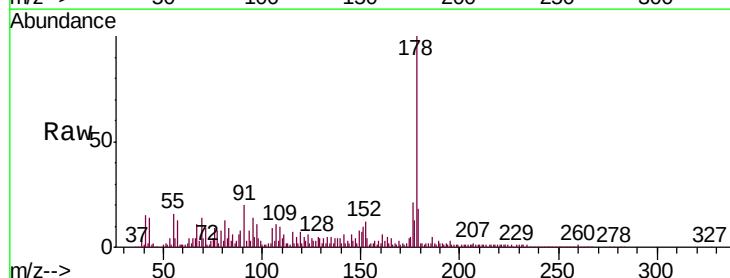
Instrument :
BNA_M
ClientSampleId :
BF6M1

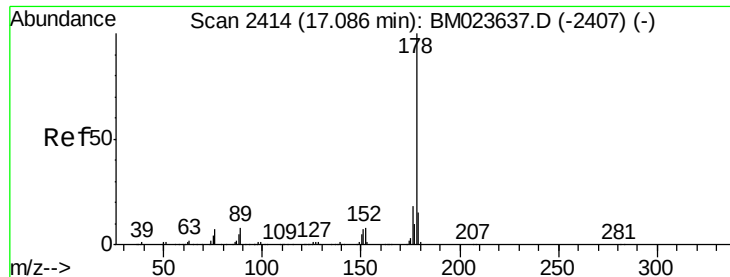
Tgt Ion:169 Resp: 78285
Ion Ratio Lower Upper
169 100
168 44.5 53.2 79.8#
167 43.2 28.0 42.0#



#70
Phenanthrene
Concen: 8.230 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

Tgt Ion:178 Resp: 805055
Ion Ratio Lower Upper
178 100
179 17.8 12.3 18.5
176 20.9 15.0 22.6





#72

Anthracene

Concen: 8.185 ng/ul

RT: 17.00 min Scan# 2399

Delta R.T. -0.09 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

Instrument :

BNA_M

ClientSampleId :

BF6M1

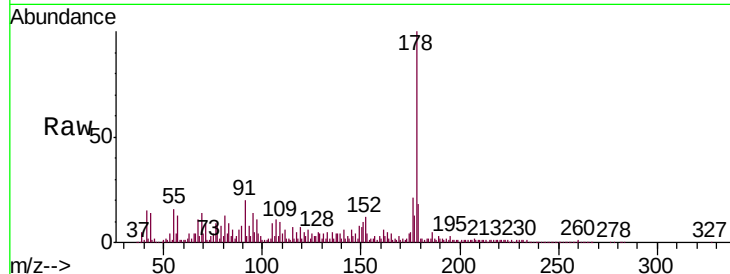
Tgt Ion:178 Resp: 805055

Ion Ratio Lower Upper

178 100

179 17.8 12.3 18.5

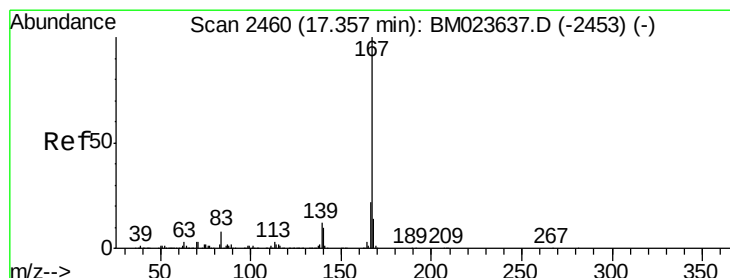
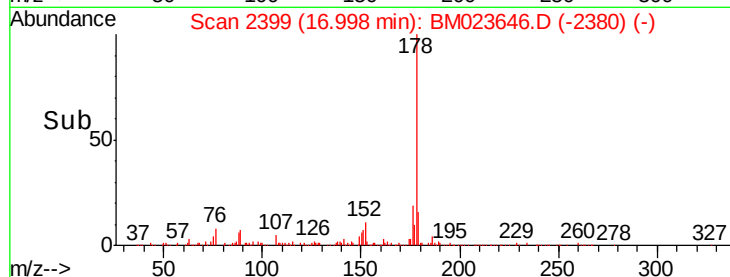
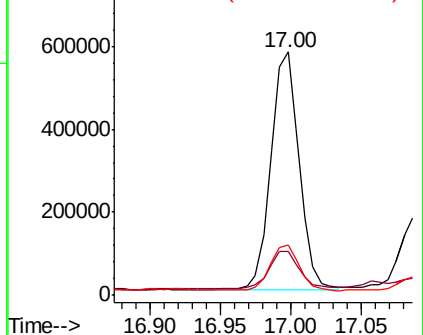
176 20.9 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 1.244 ng/ul

RT: 17.36 min Scan# 2461

Delta R.T. 0.01 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

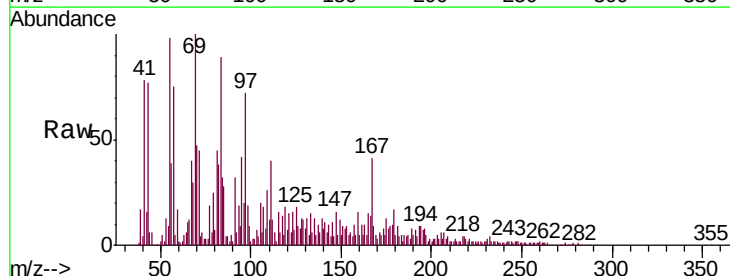
Tgt Ion:167 Resp: 102036

Ion Ratio Lower Upper

167 100

166 34.5 17.1 25.7#

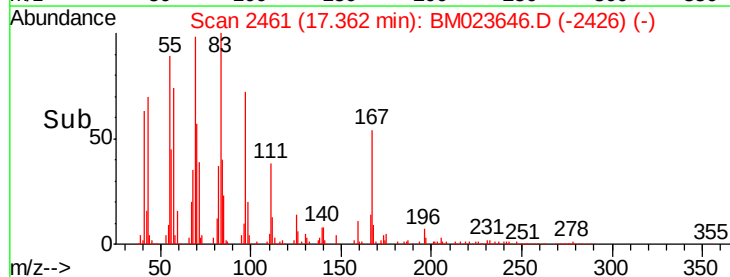
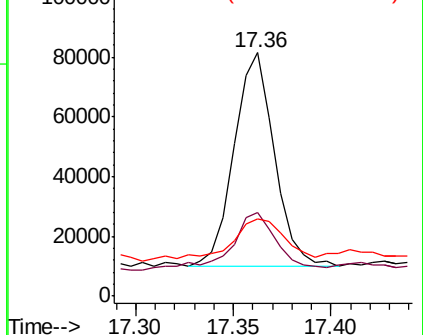
139 31.7 9.8 14.6#

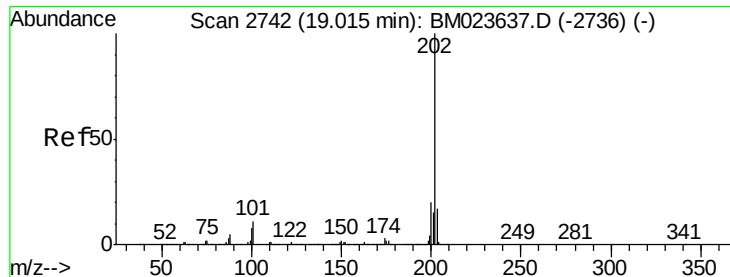


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

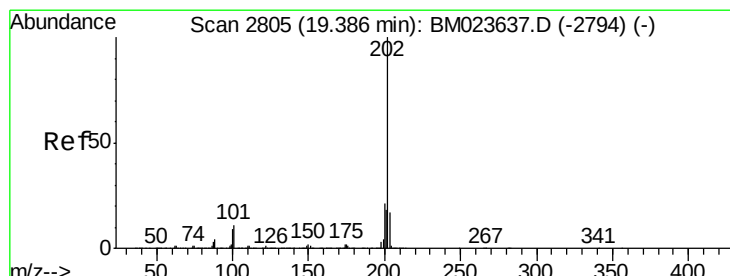
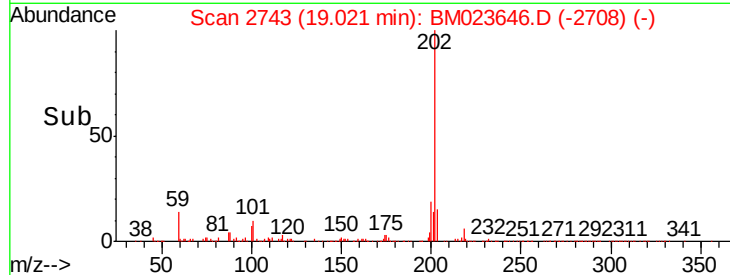
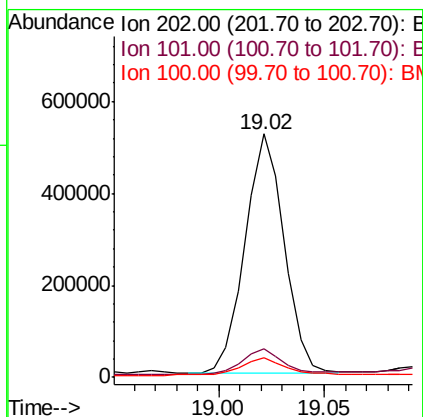
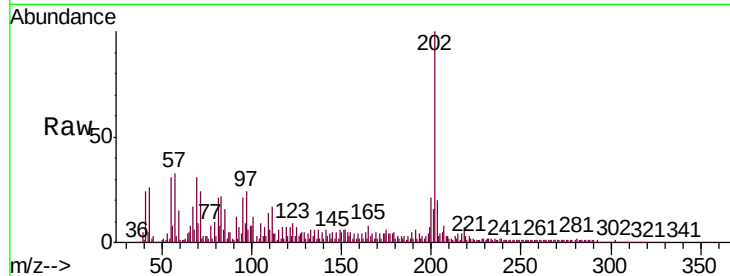




#77
 Fluoranthene
 Concen: 6.381 ng/ul
 RT: 19.02 min Scan# 2743
 Delta R.T. 0.01 min
 Lab File: BM023646.D
 Acq: 11 Nov 2019 20:53

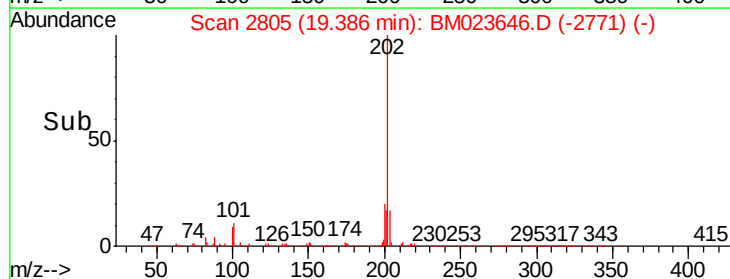
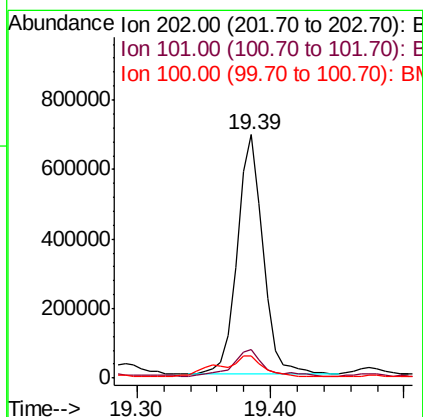
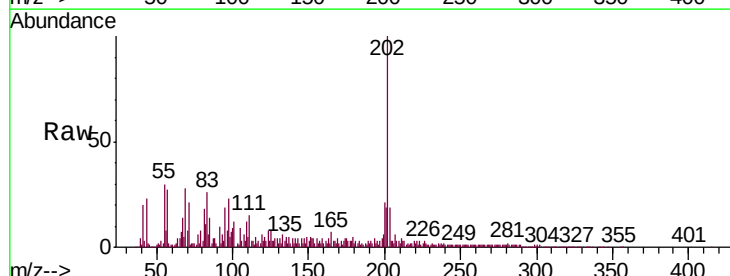
Instrument :
 BNA_M
 ClientSampleId :
 BF6M1

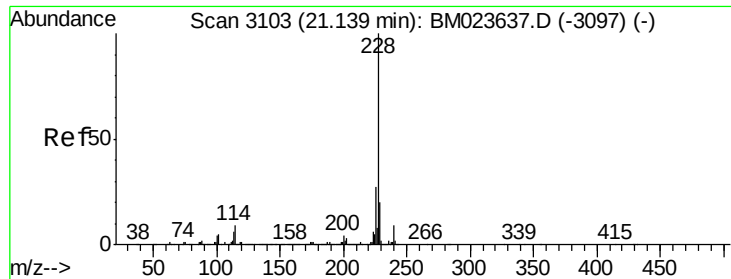
Tgt Ion:	202	Resp:	668697
Ion	Ratio	Lower	Upper
202	100		
101	11.8	7.7	11.5#
100	8.3	6.0	9.0



#80
 Pyrene
 Concen: 8.872 ng/ul
 RT: 19.39 min Scan# 2805
 Delta R.T. -0.00 min
 Lab File: BM023646.D
 Acq: 11 Nov 2019 20:53

Tgt Ion:	202	Resp:	919693
Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
100	9.3	8.1	12.1





#83

Benzo(a)anthracene

Concen: 4.264 ng/ul

RT: 21.14 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

Instrument :

BNA_M

ClientSampleId :

BF6M1

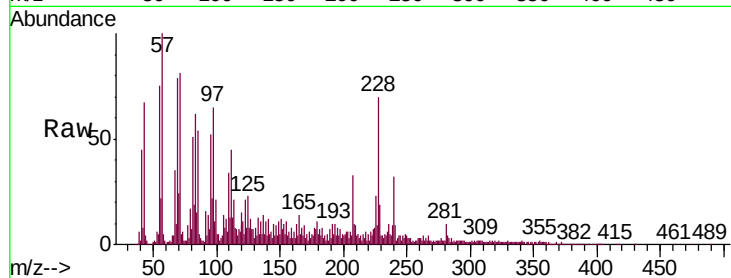
Tgt Ion:228 Resp: 451045

Ion Ratio Lower Upper

228 100

229 27.6 15.6 23.4#

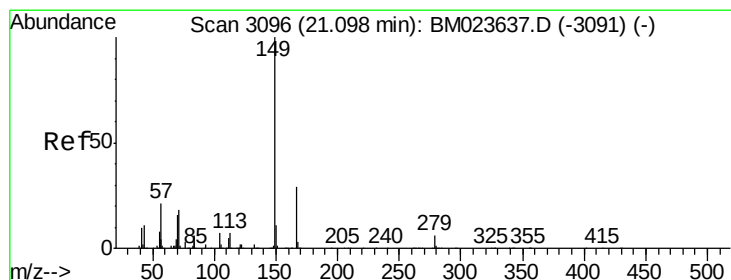
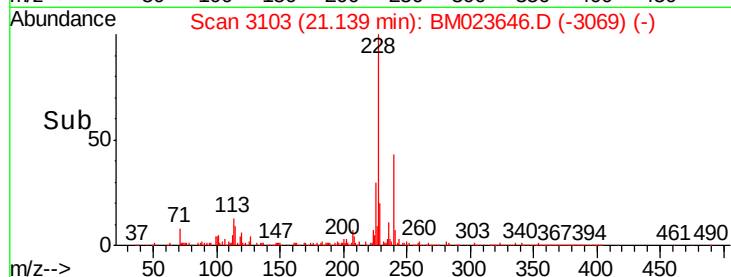
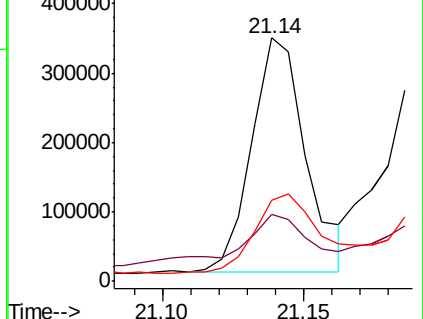
226 33.4 21.4 32.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.872 ng/ul

RT: 21.10 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

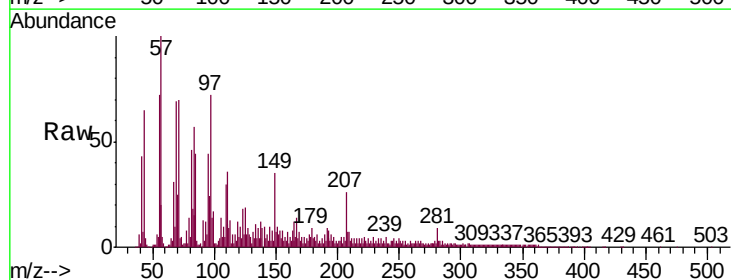
Tgt Ion:149 Resp: 191931

Ion Ratio Lower Upper

149 100

167 41.0 23.4 35.2#

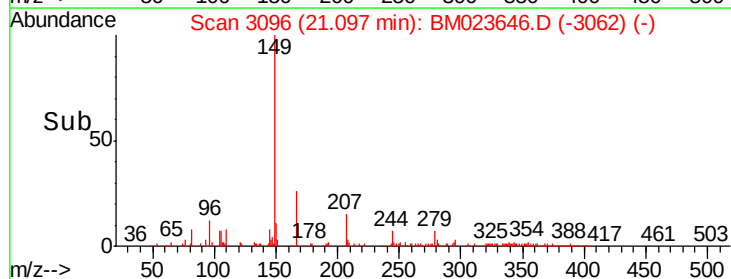
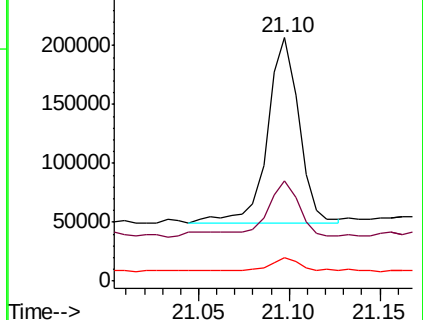
279 9.6 5.0 7.4#

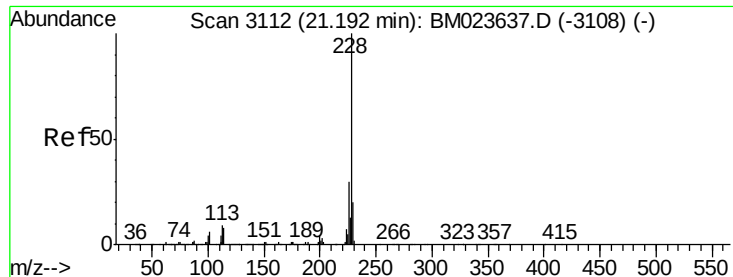


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 4.947 ng/ul

RT: 21.19 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

Instrument :

BNA_M

ClientSampleId :

BF6M1

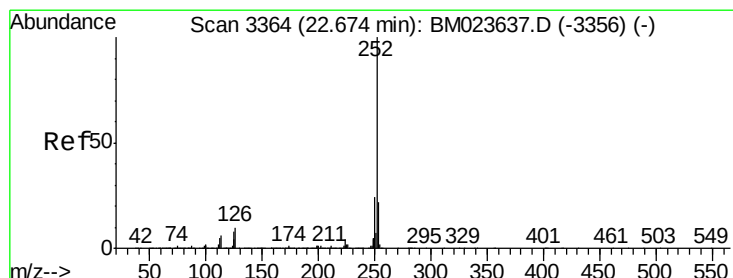
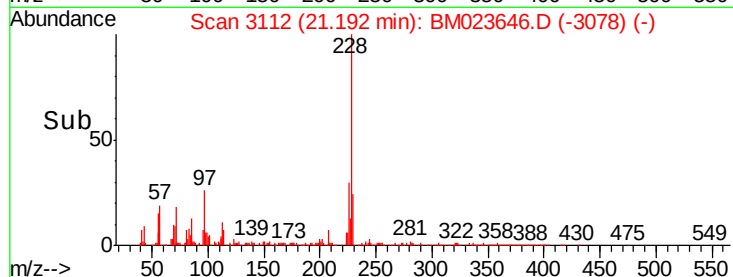
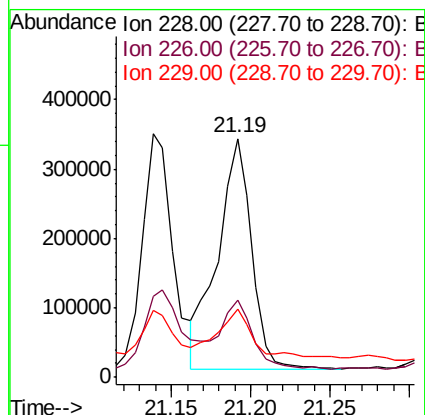
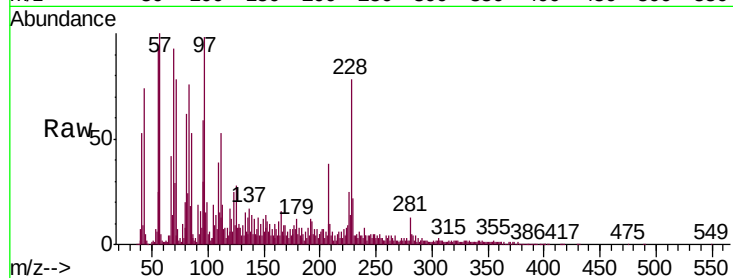
Tgt Ion:228 Resp: 492688

Ion Ratio Lower Upper

228 100

226 32.4 23.8 35.8

229 28.5 15.8 23.6#



#88

Benzo(b)fluoranthene

Concen: 3.482 ng/ul

RT: 22.68 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

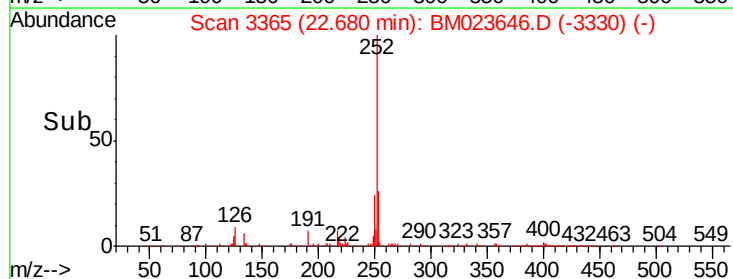
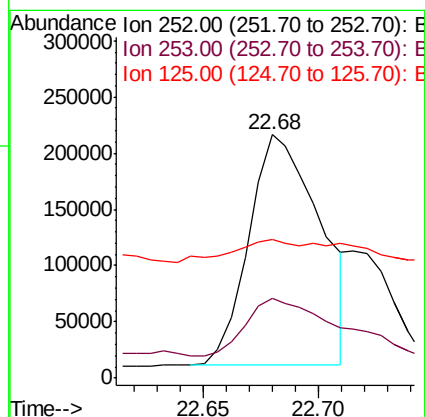
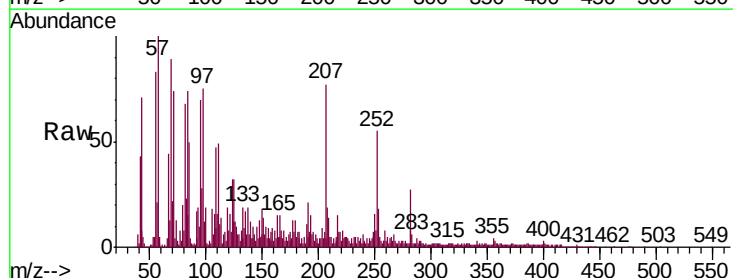
Tgt Ion:252 Resp: 439474

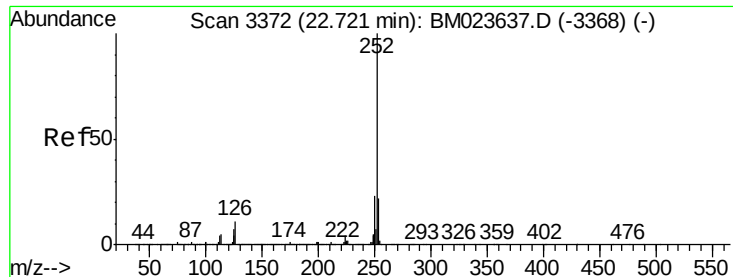
Ion Ratio Lower Upper

252 100

253 32.9 17.8 26.8#

125 57.1 6.5 9.7#





#89

Benzo(k)fluoranthene

Concen: 3.615 ng/ul

RT: 22.68 min Scan# 3365

Delta R.T. -0.04 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

Instrument :

BNA_M

ClientSampleId :

BF6M1

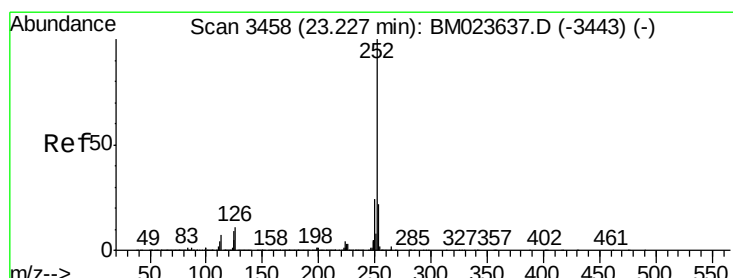
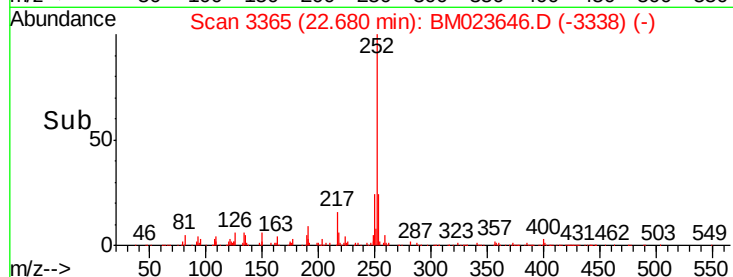
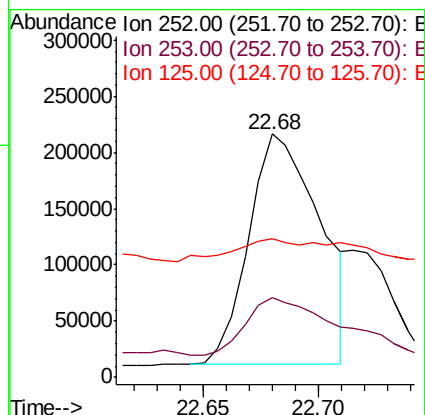
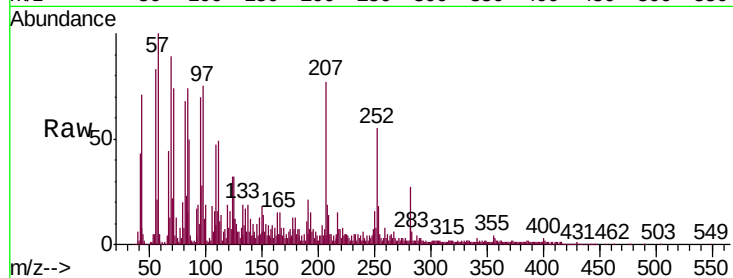
Tgt Ion:252 Resp: 439474

Ion Ratio Lower Upper

252 100

253 32.9 17.2 25.8#

125 57.1 5.9 8.9#



#91

Benzo(a)pyrene

Concen: 2.591 ng/ul

RT: 23.23 min Scan# 3459

Delta R.T. 0.01 min

Lab File: BM023646.D

Acq: 11 Nov 2019 20:53

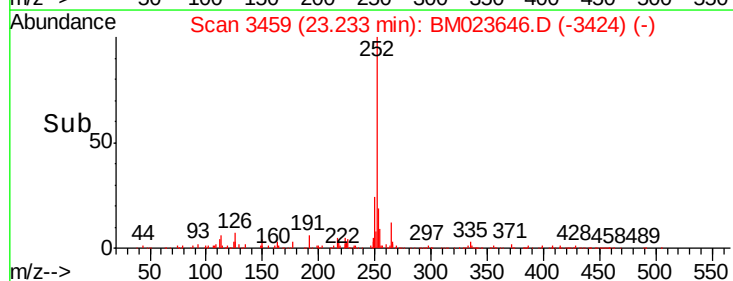
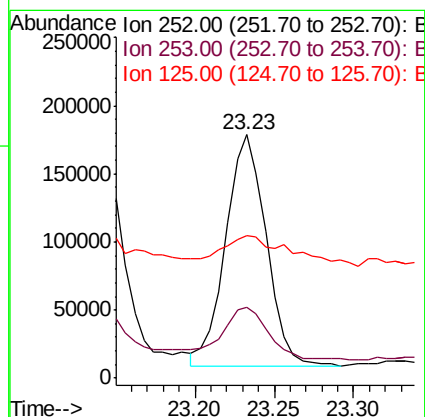
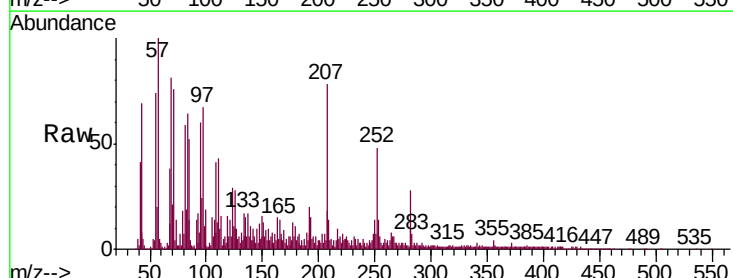
Tgt Ion:252 Resp: 299330

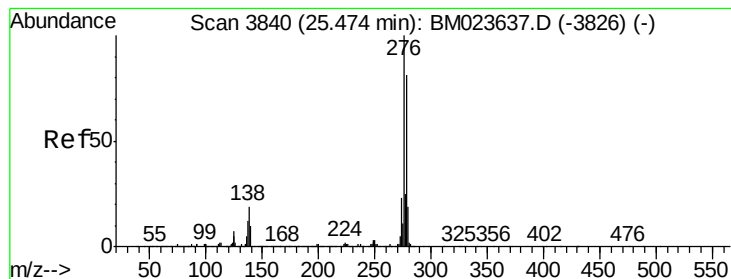
Ion Ratio Lower Upper

252 100

253 29.3 17.3 25.9#

125 58.6 6.9 10.3#



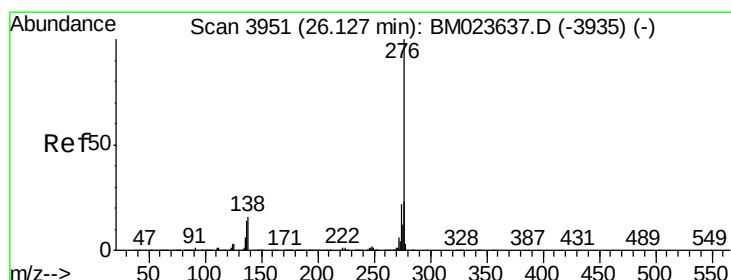
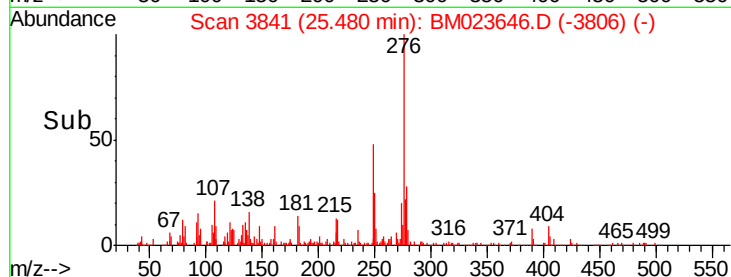
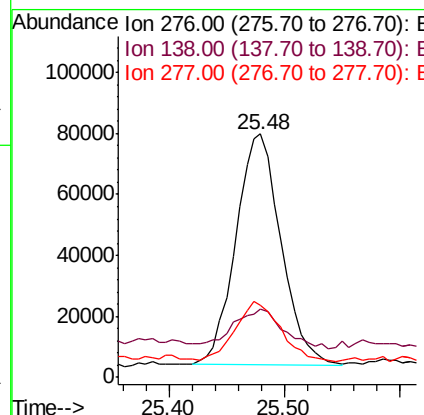
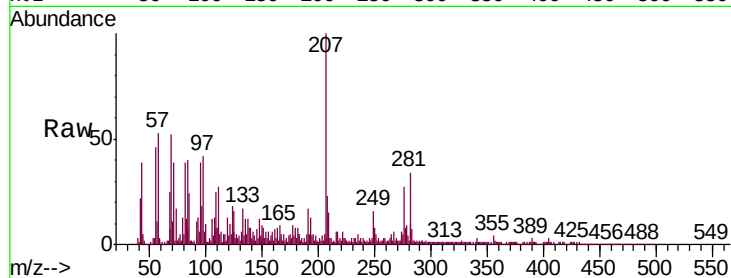


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.661 ng/ul
RT: 25.48 min Scan# 3841
Delta R.T. 0.01 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

Instrument :
BNA_M
ClientSampleId :
BF6M1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	15.0	22.4#
277	29.7	20.0	30.0



#94

Benzo(g,h,i)perylene
Concen: 2.385 ng/ul
RT: 26.14 min Scan# 3953
Delta R.T. 0.01 min
Lab File: BM023646.D
Acq: 11 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	13.2	19.8#
277	26.4	18.6	28.0

