

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037481.D
 Acq On : 11 Nov 2022 23:43
 Operator : CG/JU
 Sample : N5530-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-10

Quant Time: Nov 12 00:42:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	218380	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	826290	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	458065	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	857413	20.000	ng	0.00
76) Chrysene-d12	21.380	240	816687	20.000	ng	0.00
86) Perylene-d12	23.721	264	872283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1627785	128.777	ng	0.00
7) Phenol-d6	6.987	99	2050606	119.529	ng	0.00
23) Nitrobenzene-d5	8.975	82	1242866	75.888	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	790817	146.498	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2840408	82.391	ng	0.00
79) Terphenyl-d14	19.821	244	4136555	90.830	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.257	88	221	0.043	ng	# 1
3) Pyridine	3.663	79	545	0.035	ng	# 1
4) n-Nitrosodimethylamine	3.575	42	345	0.051	ng	# 1
6) Aniline	7.145	93	136	0.006	ng	# 1
8) 2-Chlorophenol	7.345	128	265	0.017	ng	# 23
9) Benzaldehyde	6.939	77	547	0.063	ng	# 26
10) Phenol	7.010	94	13013	0.677	ng	# 29
11) bis(2-Chloroethyl)ether	7.228	93	126	0.008	ng	# 19
15) Benzyl Alcohol	8.081	79	519	0.042	ng	# 46
16) 2,2'-oxybis(1-Chloropr...	8.334	45	119	0.005	ng	# 1
17) 2-Methylphenol	8.281	107	59	0.005	ng	# 1
18) Hexachloroethane	8.822	117	125	0.020	ng	# 3
19) n-Nitroso-di-n-propyla...	8.633	70	133	0.084	ng	# 1
20) 3+4-Methylphenols	8.592	107	56	0.003	ng	# 1
22) Acetophenone	8.651	105	1506	0.070	ng	# 1
24) Nitrobenzene	8.975	77	3976	0.239	ng	# 37
25) Isophorone	9.545	82	180	0.007	ng	# 65
28) bis(2-Chloroethoxy)met...	10.022	93	59	0.003	ng	# 50
31) Naphthalene	10.651	128	352	0.008	ng	# 69
35) Caprolactam	11.657	113	55	0.014	ng	# 3
36) 4-Chloro-3-methylphenol	11.957	107	55	0.004	ng	# 17
46) 1,1'-Biphenyl	13.069	154	5714	0.155	ng	# 1
48) 2-Nitroaniline	13.516	65	68	0.008	ng	# 4
49) Acenaphthylene	14.168	152	763	0.017	ng	# 61
50) Dimethylphthalate	13.921	163	1625	0.046	ng	# 77
51) 2,6-Dinitrotoluene	13.974	165	556	0.075	ng	# 22
52) Acenaphthene	14.504	154	78	0.003	ng	# 50
55) Dibenzofuran	14.863	168	338	0.008	ng	# 72
56) 4-Nitrophenol	14.863	139	53	0.008	ng	# 8
57) 2,4-Dinitrotoluene	14.857	165	56	0.006	ng	# 20
58) Fluorene	15.504	166	355	0.010	ng	# 91
60) Diethylphthalate	15.274	149	9903	0.291	ng	# 94
63) Azobenzene	15.792	77	388	0.012	ng	# 60
66) n-Nitrosodiphenylamine	15.939	169	22592	0.780	ng	# 41
70) Pentachlorophenol	16.874	266	53	0.008	ng	# 19
71) Phenanthrene	17.239	178	7508	0.141	ng	# 93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

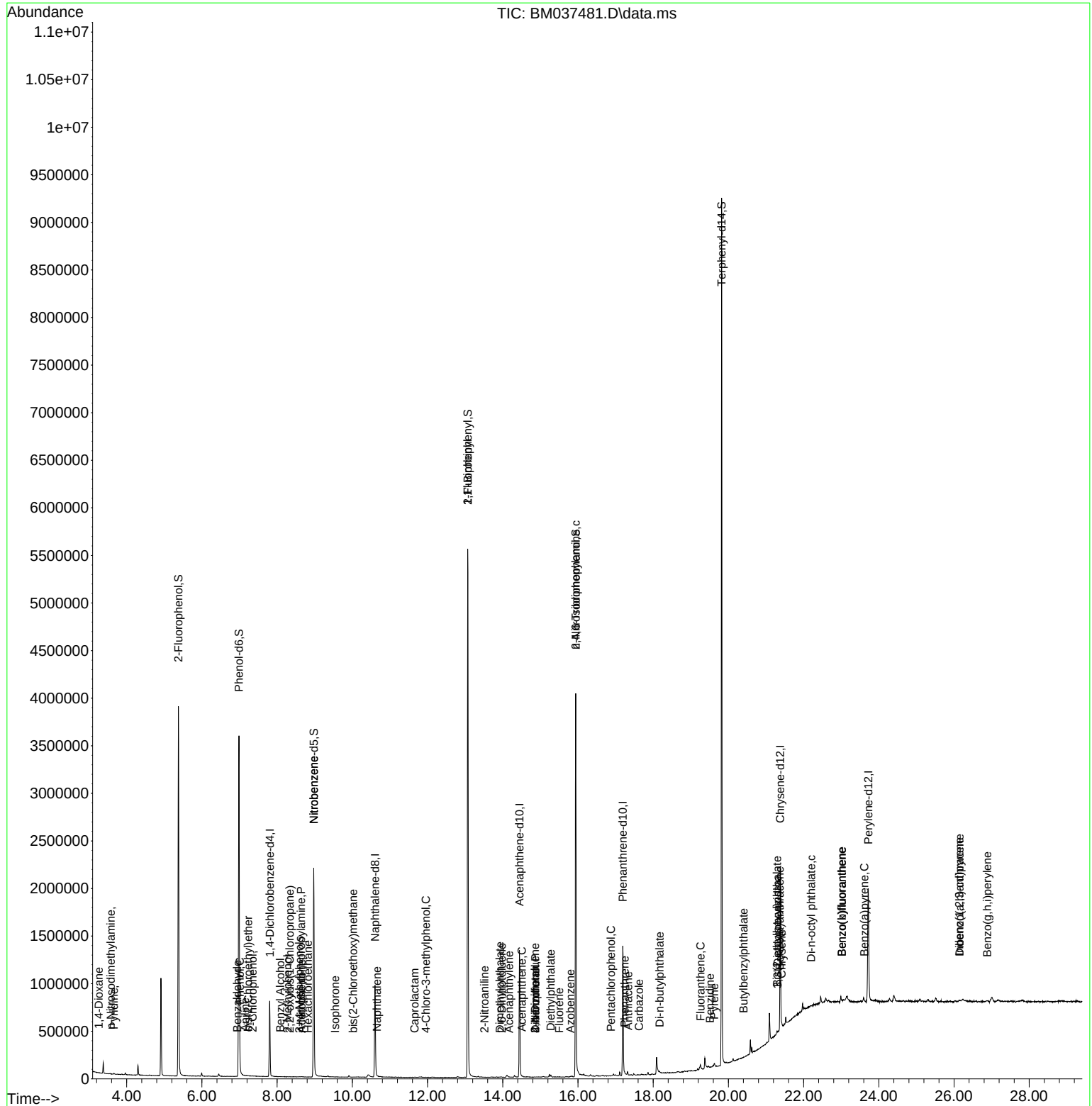
72) Anthracene	17.333	178	2465	0.049	ng	# 66
73) Carbazole	17.627	167	1202	0.026	ng	# 67
74) Di-n-butylphthalate	18.168	149	11800	0.231	ng	# 96
75) Fluoranthene	19.256	202	17871	0.318	ng	# 96
77) Benzidine	19.509	184	117	0.010	ng	# 1
78) Pyrene	19.621	202	17021	0.271	ng	# 96
80) Butylbenzylphthalate	20.397	149	963	0.043	ng	# 90
81) Benzo(a)anthracene	21.362	228	13035	0.224	ng	# 97
82) 3,3'-Dichlorobenzidine	21.309	252	172	0.010	ng	# 11
83) Chrysene	21.415	228	11282	0.201	ng	# 98
84) Bis(2-ethylhexyl)phtha...	21.291	149	7445	0.247	ng	# 87
85) Di-n-octyl phthalate	22.197	149	936	0.020	ng	# 72
87) Indeno(1,2,3-cd)pyrene	26.144	276	14189	0.199	ng	# 84
88) Benzo(b)fluoranthene	23.015	252	11985	0.198	ng	# 53
89) Benzo(k)fluoranthene	23.015	252	11985	0.194	ng	# 53
90) Benzo(a)pyrene	23.615	252	9233	0.187	ng	# 42
91) Dibenzo(a,h)anthracene	26.150	278	8709	0.147	ng	# 69
92) Benzo(g,h,i)perylene	26.879	276	14089	0.244	ng	# 91

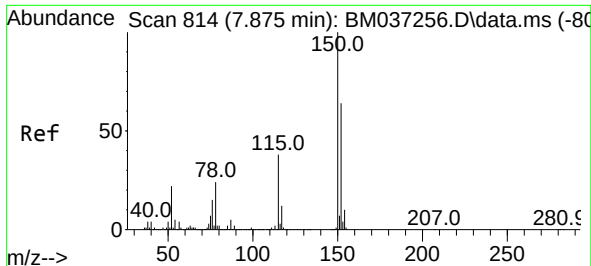
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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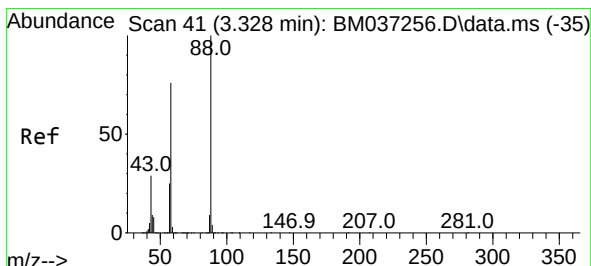
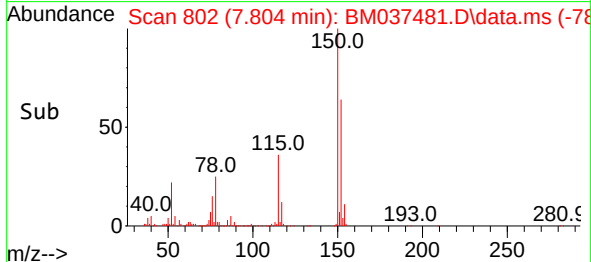
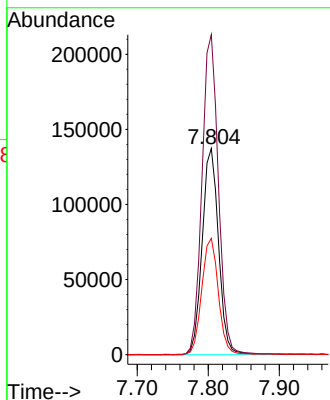
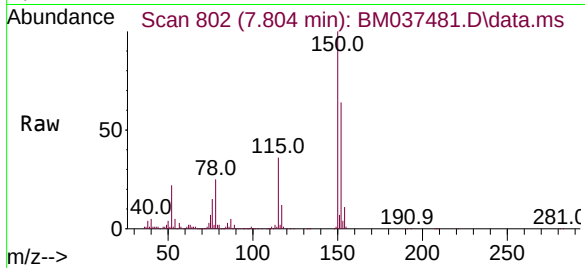




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BM037481.D
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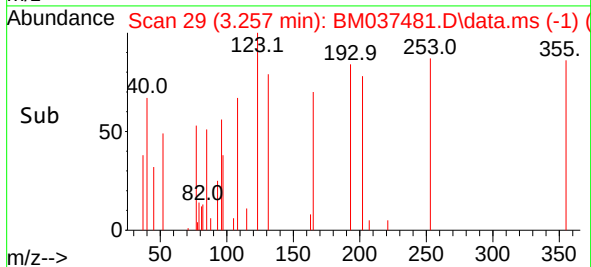
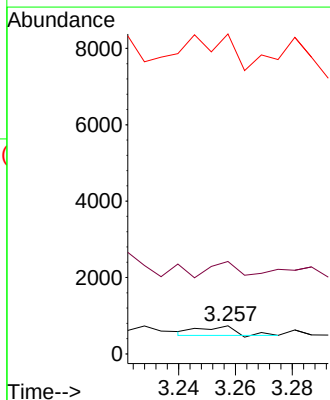
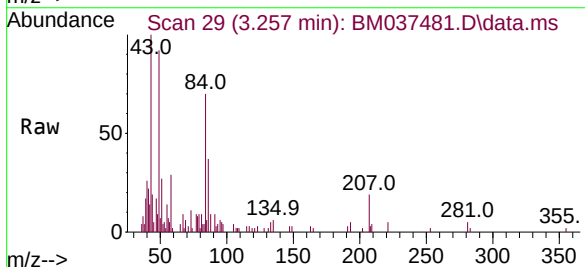
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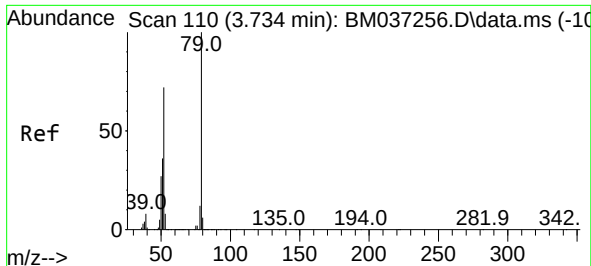
Tgt Ion:152 Resp: 218380
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.8 187.2
 115 56.4 47.0 70.4



#2
 1,4-Dioxane
 Concen: 0.043 ng
 RT: 3.257 min Scan# 29
 Delta R.T. 0.006 min
 Lab File: BM037481.D
 Acq: 11 Nov 2022 23:43

Tgt Ion: 88 Resp: 221
 Ion Ratio Lower Upper
 88 100
 58 224.0 63.5 95.3#
 43 0.0 24.2 36.4#

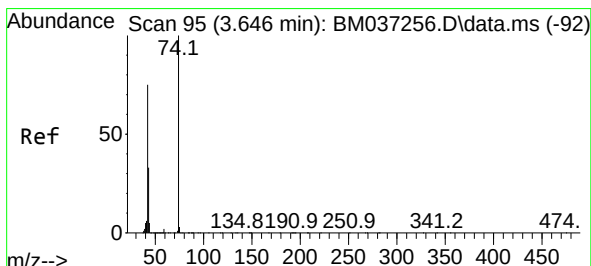
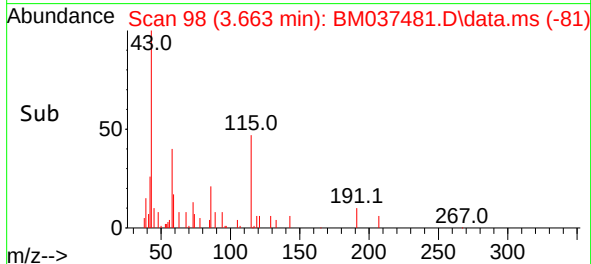
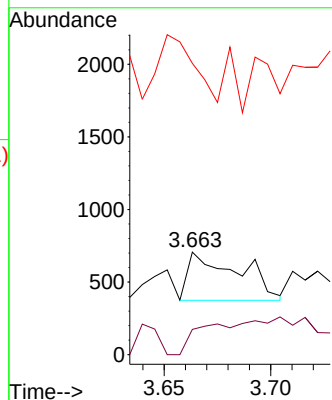
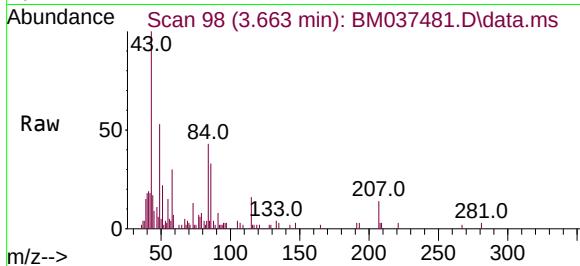




#3
Pyridine
Concen: 0.035 ng
RT: 3.663 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

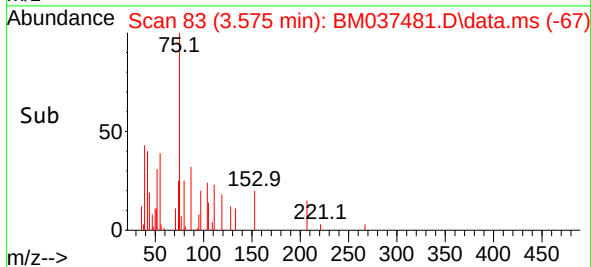
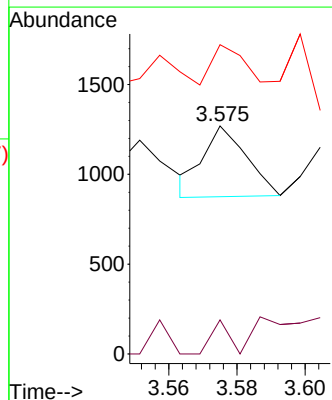
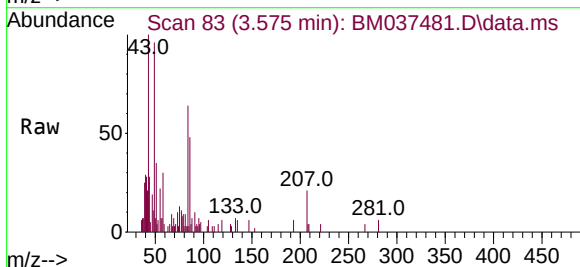
Instrument :
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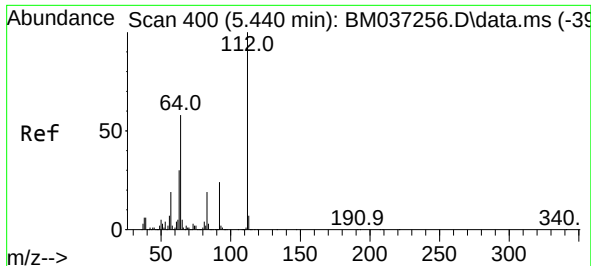
Tgt Ion: 79 Resp: 545
Ion Ratio Lower Upper
79 100
52 24.6 57.8 86.6#
51 284.3 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.575 min Scan# 83
Delta R.T. -0.006 min
Lab File: BM037481.D
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Tgt Ion: 42 Resp: 345
Ion Ratio Lower Upper
42 100
74 15.0 106.2 159.2#
44 135.7 5.4 8.0#

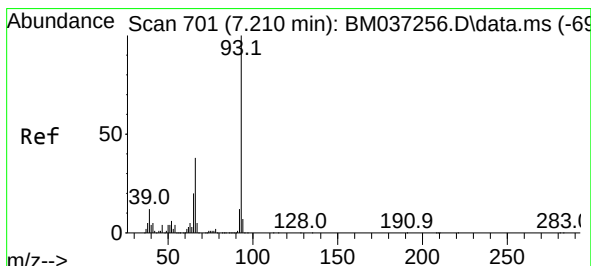
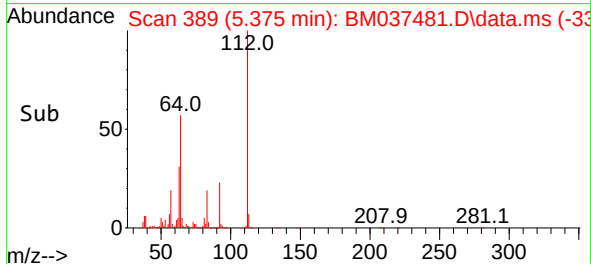
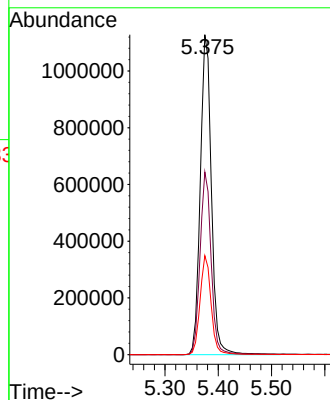
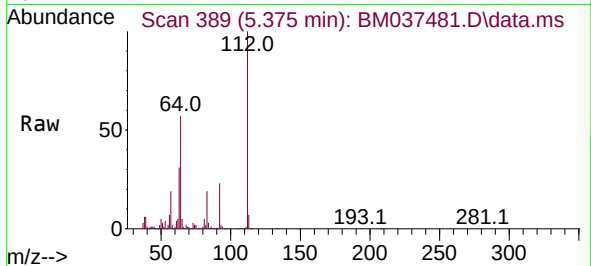




#5
2-Fluorophenol
Concen: 128.777 ng
RT: 5.375 min Scan# 389
Delta R.T. -0.000 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

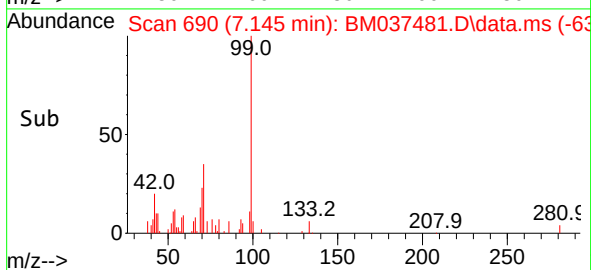
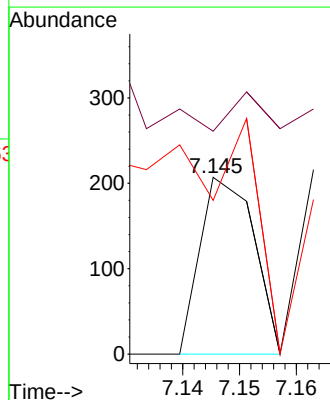
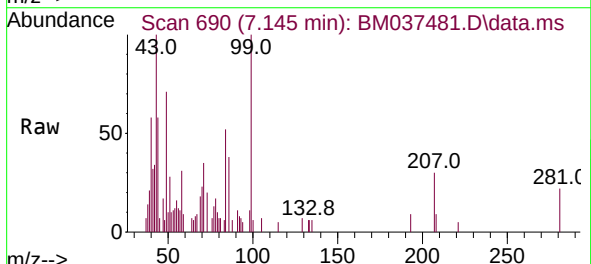
Instrument :
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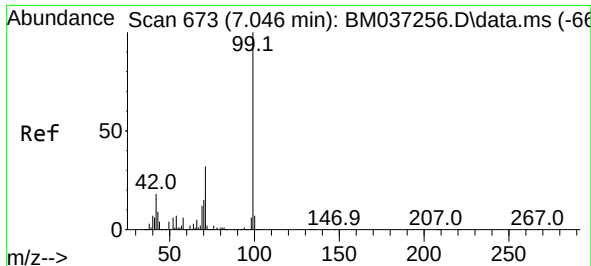
Tgt Ion:112 Resp: 1627785
Ion Ratio Lower Upper
112 100
64 57.1 46.8 70.2
63 30.9 24.4 36.6



#6
Aniline
Concen: 0.006 ng
RT: 7.145 min Scan# 690
Delta R.T. -0.000 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion: 93 Resp: 136
Ion Ratio Lower Upper
93 100
66 126.1 30.4 45.6#
65 87.0 16.2 24.2#

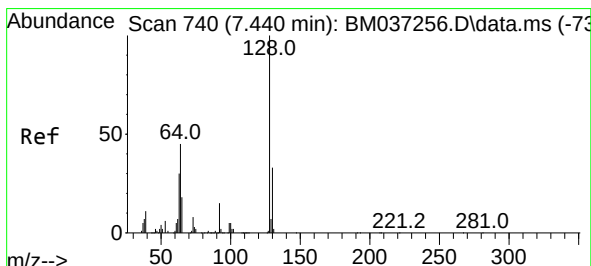
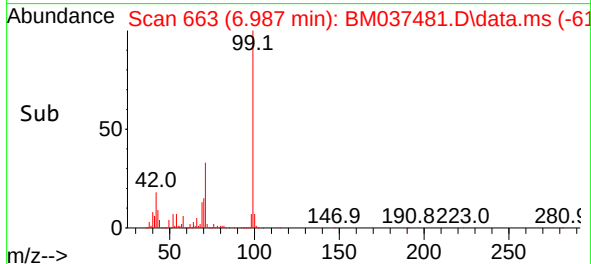
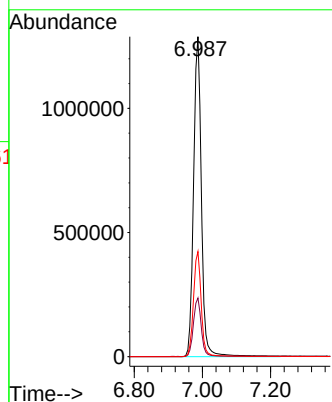
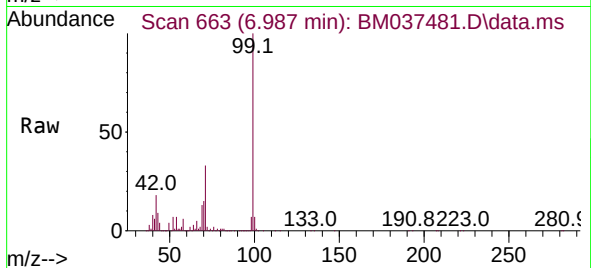




#7
Phenol-d6
Concen: 119.529 ng
RT: 6.987 min Scan# 606
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

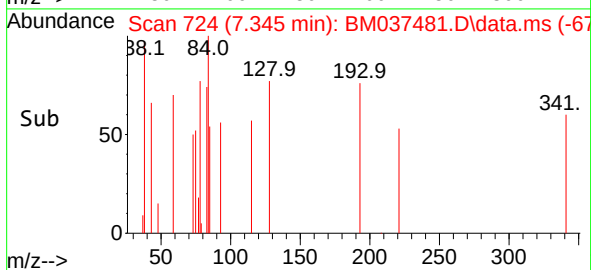
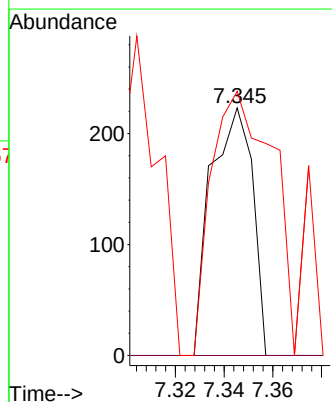
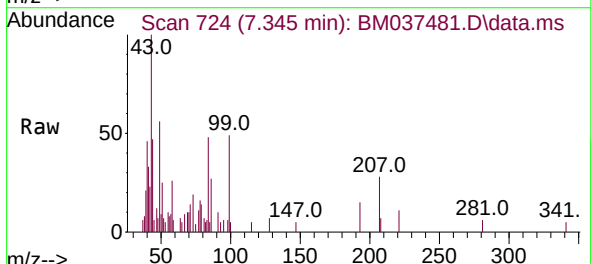
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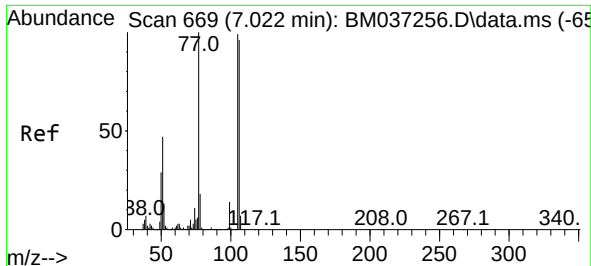
Tgt Ion: 99 Resp: 2050606
Ion Ratio Lower Upper
99 100
42 18.3 14.8 22.2
71 32.8 25.6 38.4



#8
2-Chlorophenol
Concen: 0.017 ng
RT: 7.345 min Scan# 724
Delta R.T. -0.029 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion: 128 Resp: 265
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 106.7 26.4 66.4#

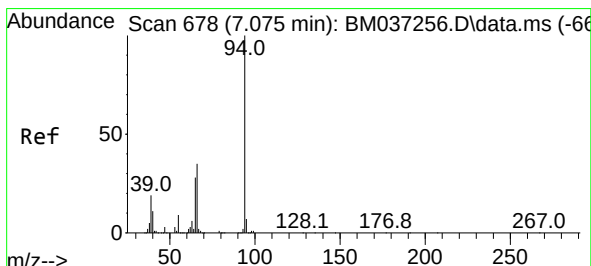
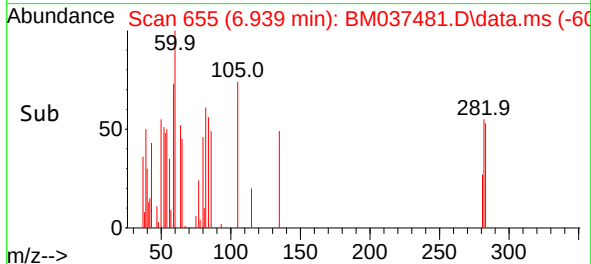
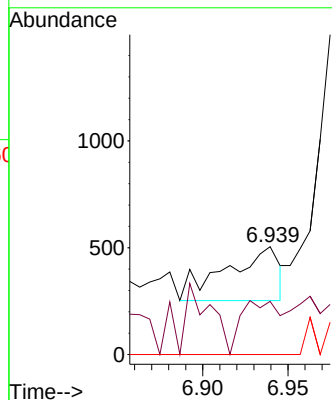
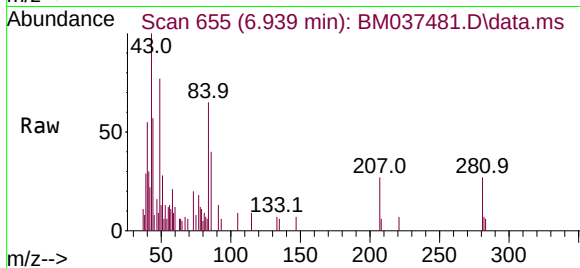




#9
Benzaldehyde
Concen: 0.063 ng
RT: 6.939 min Scan# 61
Delta R.T. -0.018 min
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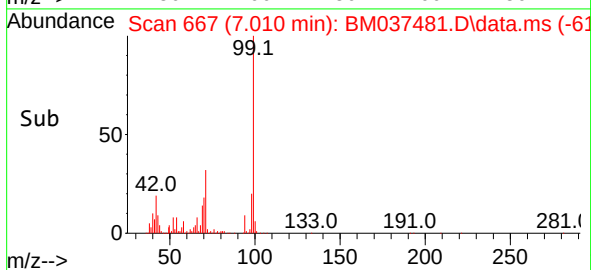
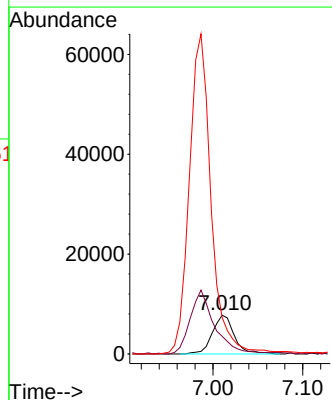
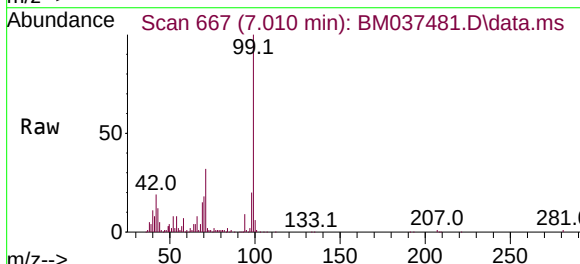
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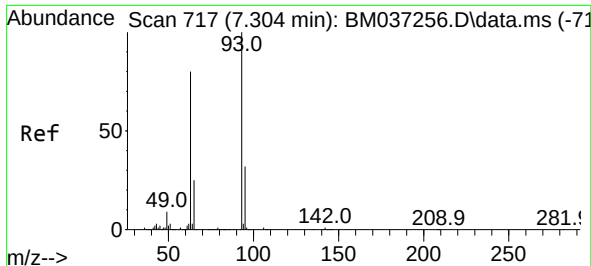
Tgt Ion: 77 Resp: 547
Ion Ratio Lower Upper
77 100
105 49.3 78.6 118.6#
106 0.0 75.8 115.8#



#10
Phenol
Concen: 0.677 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion: 94 Resp: 13013
Ion Ratio Lower Upper
94 100
65 45.7 8.1 48.1
66 94.5 15.5 55.5#

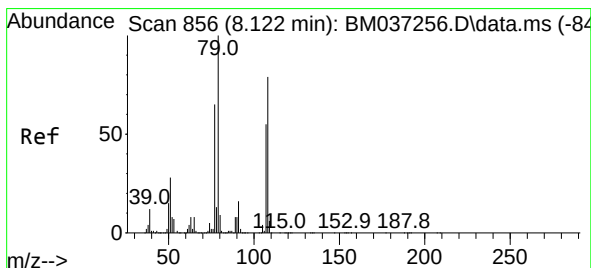
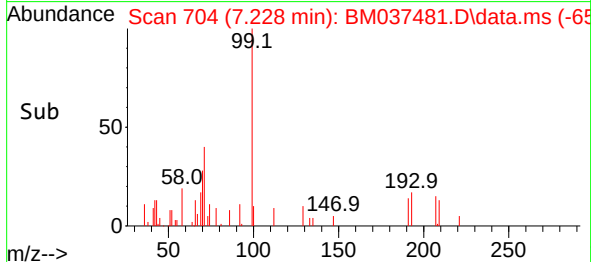
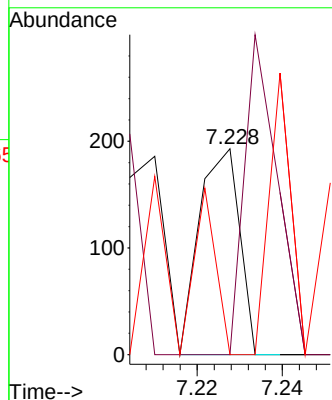
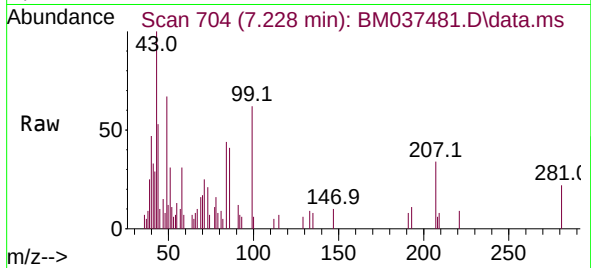




#11
bis(2-Chloroethyl)ether
Concen: 0.008 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.012 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

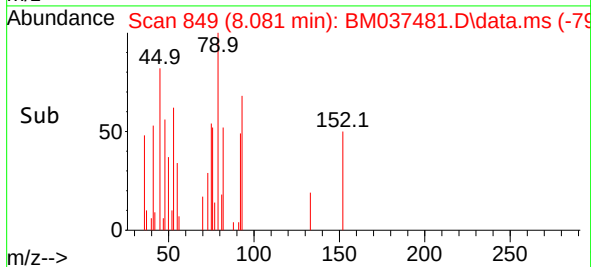
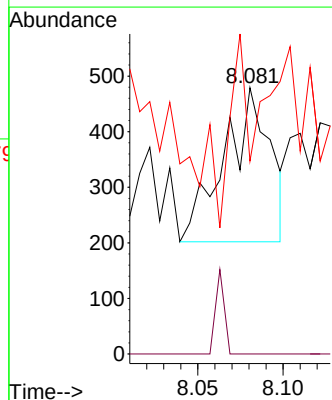
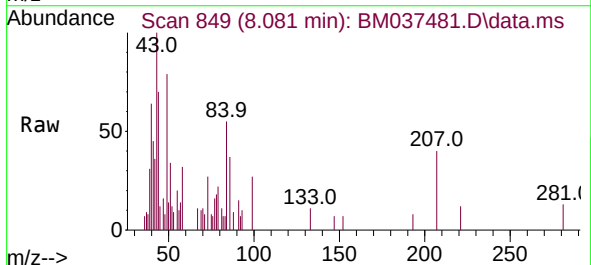
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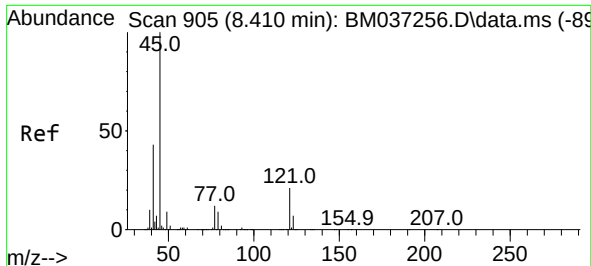
Tgt Ion: 93 Resp: 126
Ion Ratio Lower Upper
93 100
63 0.0 59.3 99.3#
95 0.0 12.0 52.0#



#15
Benzyl Alcohol
Concen: 0.042 ng
RT: 8.081 min Scan# 849
Delta R.T. 0.018 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion: 79 Resp: 519
Ion Ratio Lower Upper
79 100
108 0.0 63.1 94.7#
77 72.4 51.7 77.5

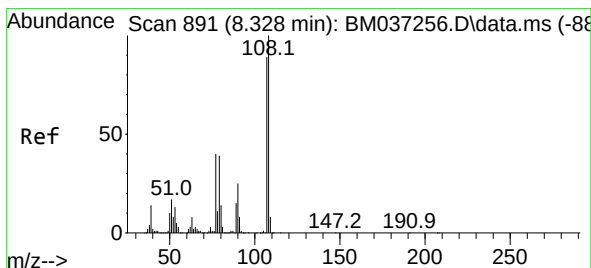
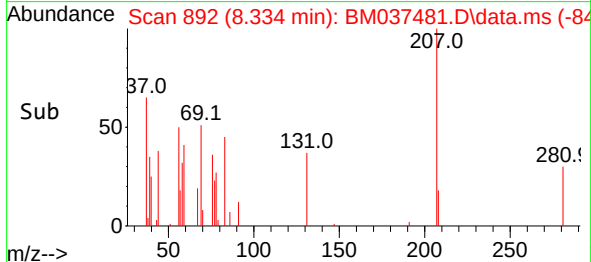
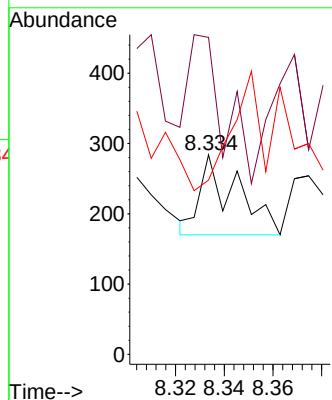
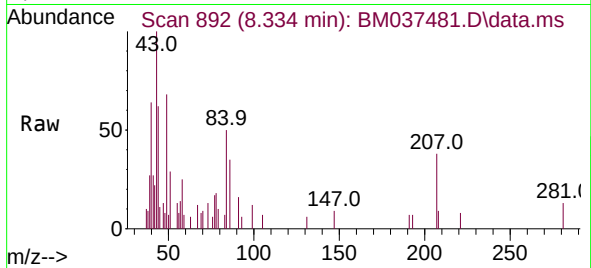




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 8.334 min Scan# 89
Delta R.T. -0.012 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

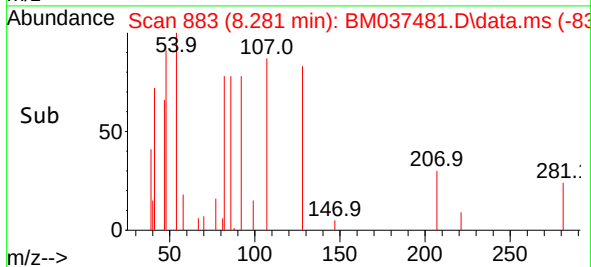
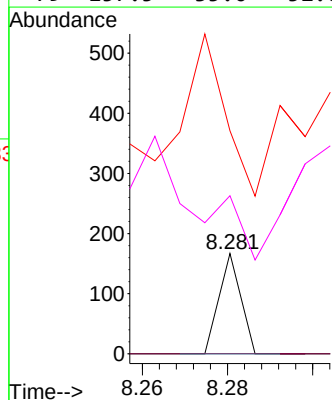
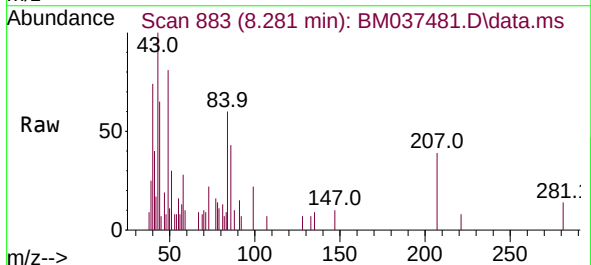
Instrument :
BNA_M
ClientSampleId :
SB-10

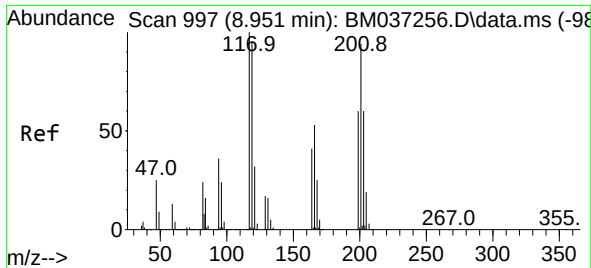
Tgt Ion: 45 Resp: 119
Ion Ratio Lower Upper
45 100
77 158.8 0.0 34.0#
79 87.3 0.0 30.6#



#17
2-Methylphenol
Concen: 0.005 ng
RT: 8.281 min Scan# 883
Delta R.T. 0.012 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion: 107 Resp: 59
Ion Ratio Lower Upper
107 100
108 0.0 89.5 134.3#
77 222.2 36.2 54.2#
79 157.5 35.0 52.6#

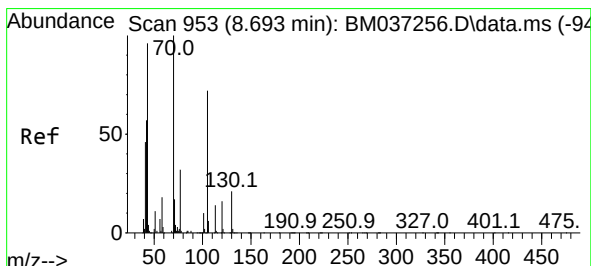
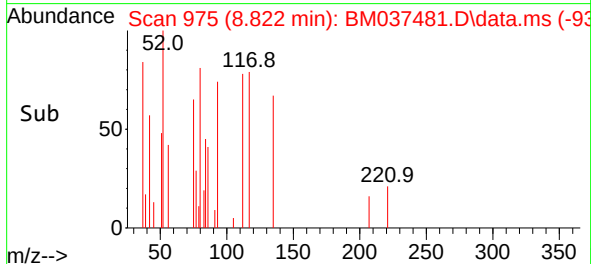
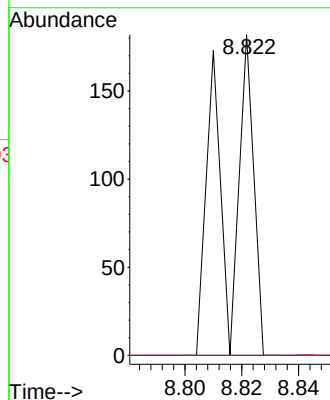
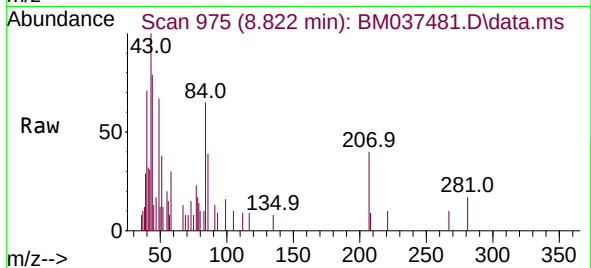




#18
Hexachloroethane
Concen: 0.020 ng
RT: 8.822 min Scan# 911
Delta R.T. -0.053 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

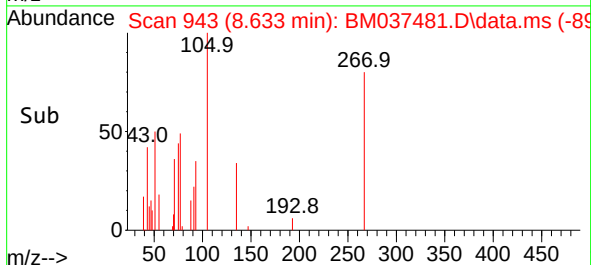
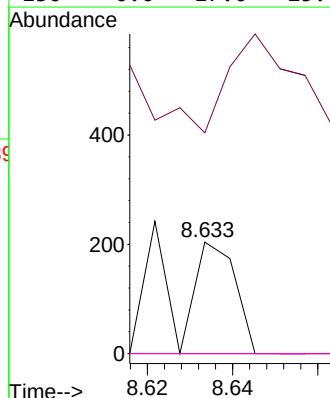
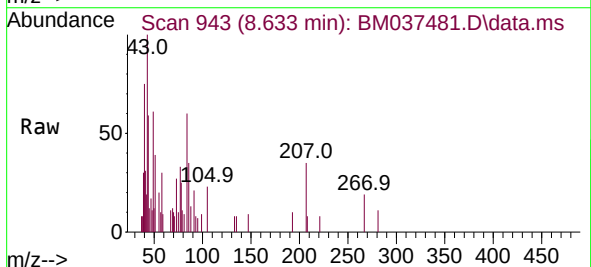
Instrument :
BNA_M
ClientSampleId :
SB-10

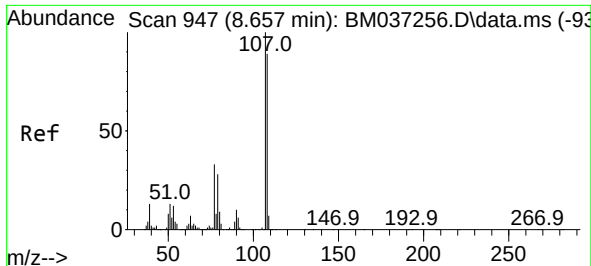
Tgt Ion:117 Resp: 125
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
201 0.0 75.0 112.4#



#19
n-Nitroso-di-n-propylamine
Concen: 0.084 ng
RT: 8.633 min Scan# 943
Delta R.T. 0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion: 70 Resp: 133
Ion Ratio Lower Upper
70 100
42 198.0 46.4 69.6#
101 0.0 7.8 11.8#
130 0.0 17.0 25.4#

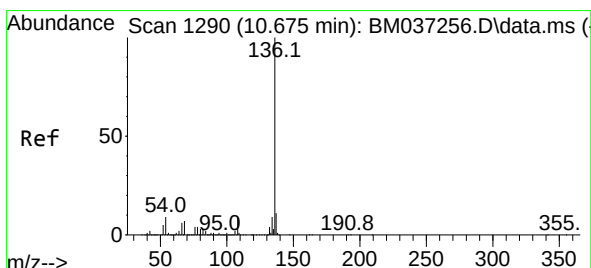
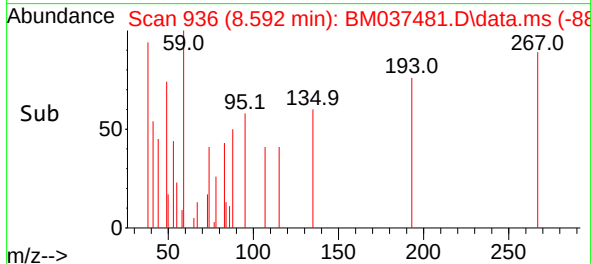
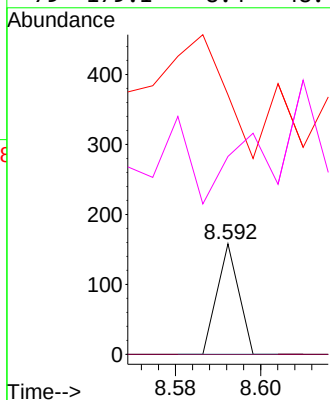
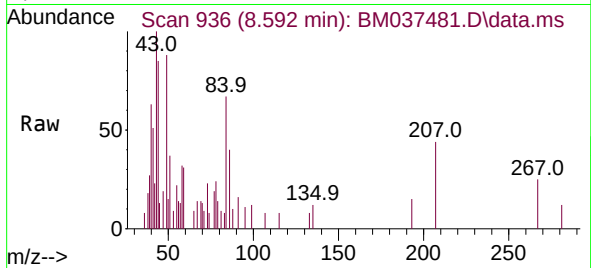




#20
3+4-Methylphenols
Concen: 0.003 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

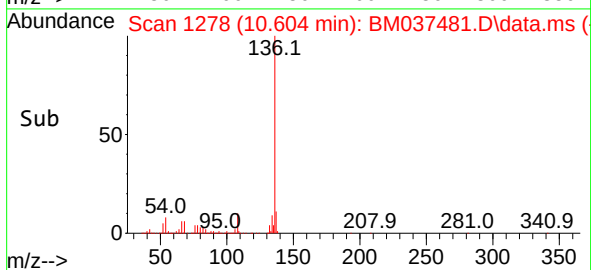
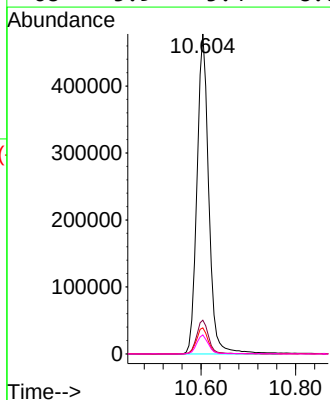
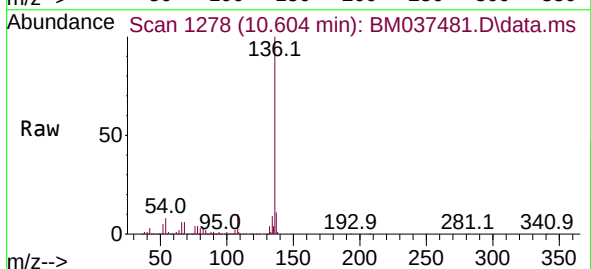
Instrument :
BNA_M
ClientSampleId :
SB-10

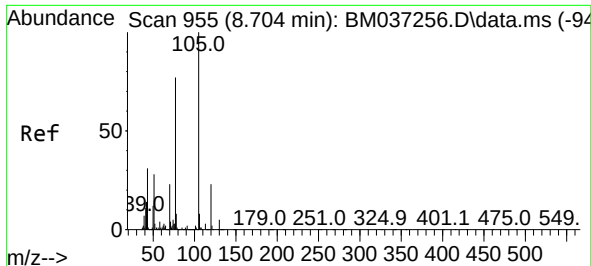
Tgt Ion:107 Resp: 56
Ion Ratio Lower Upper
107 100
108 0.0 69.4 109.4#
77 234.8 12.8 52.8#
79 179.1 8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion:136 Resp: 826290
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.1 7.0 10.4
68 5.9 5.4 8.0

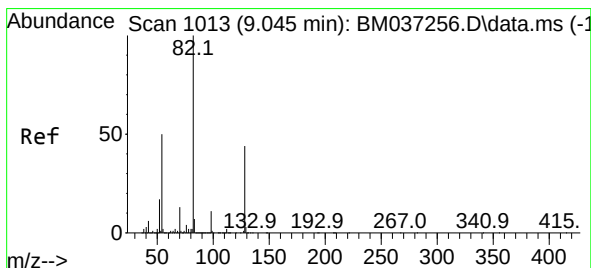
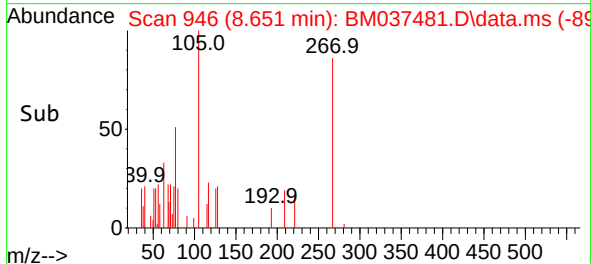
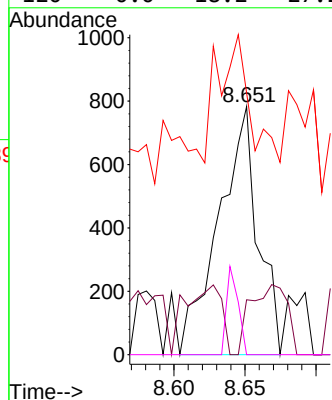
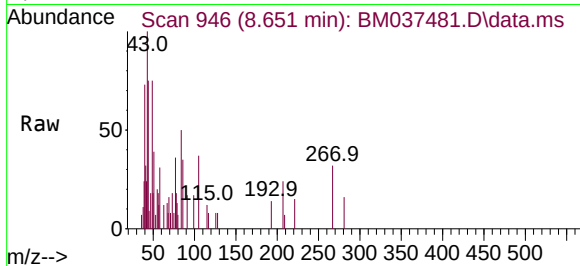




#22
Acetophenone
Concen: 0.070 ng
RT: 8.651 min Scan# 94
Delta R.T. 0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

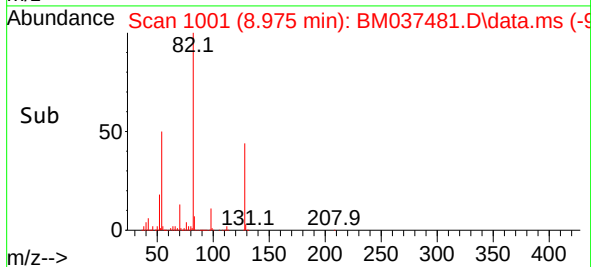
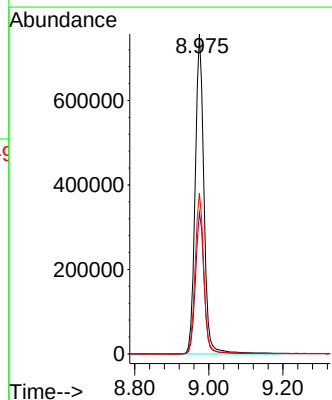
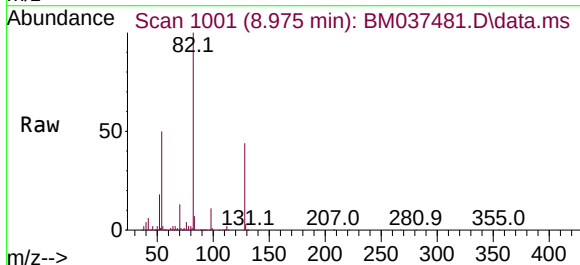
Instrument :
BNA_M
ClientSampleId :
SB-10

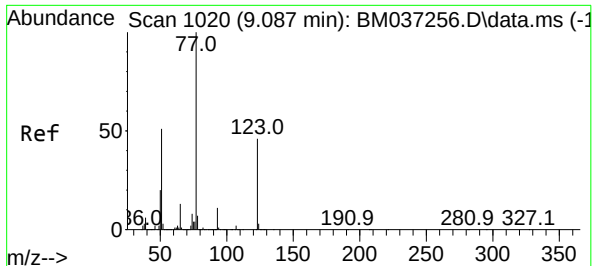
Tgt Ion:105 Resp: 1506
Ion Ratio Lower Upper
105 100
71 22.1 3.0 4.4#
51 105.5 22.1 33.1#
120 0.0 18.2 27.2#



#23
Nitrobenzene-d5
Concen: 75.888 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion: 82 Resp: 1242866
Ion Ratio Lower Upper
82 100
128 44.1 35.2 52.8
54 50.3 40.4 60.6

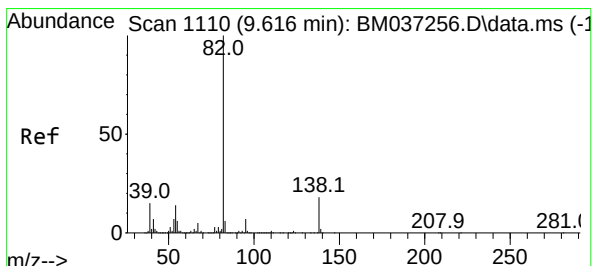
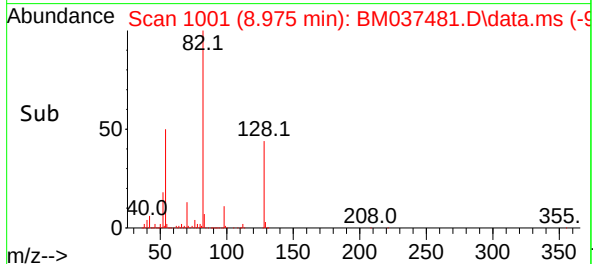
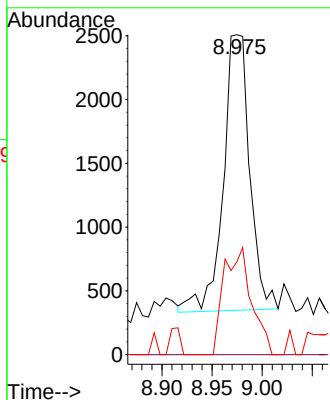
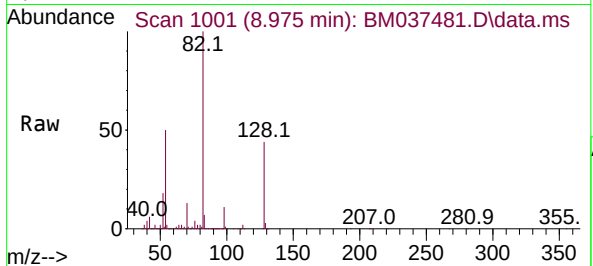




#24
Nitrobenzene
Concen: 0.239 ng
RT: 8.975 min Scan# 10
Delta R.T. -0.047 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

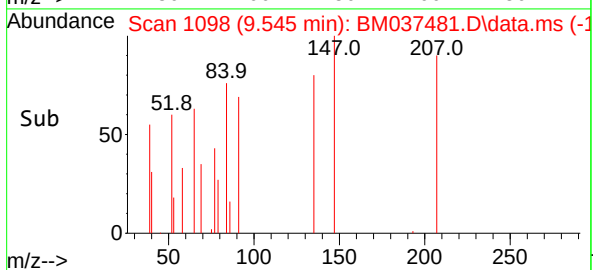
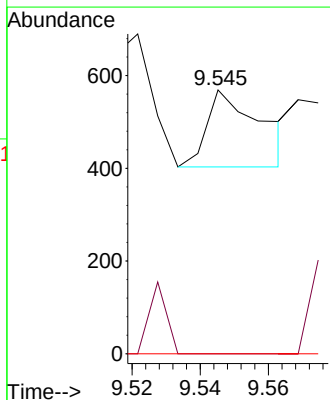
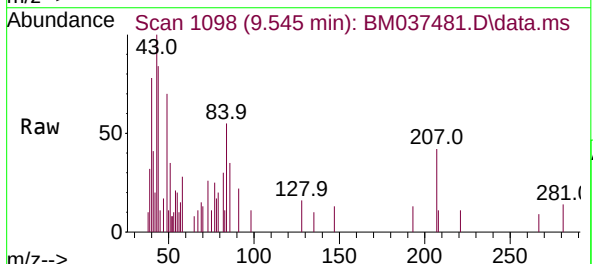
Instrument :
BNA_M
ClientSampleId :
SB-10

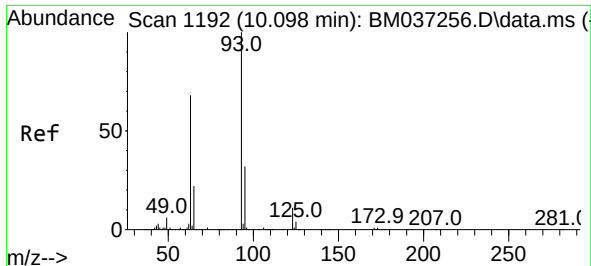
Tgt Ion: 77 Resp: 3976
Ion Ratio Lower Upper
77 100
123 0.0 36.6 55.0#
65 28.9 10.6 16.0#



#25
Isophorone
Concen: 0.007 ng
RT: 9.545 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion: 82 Resp: 180
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.2 21.4#

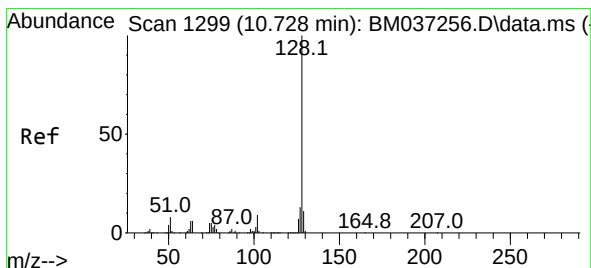
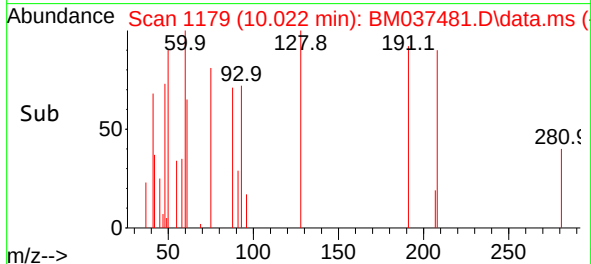
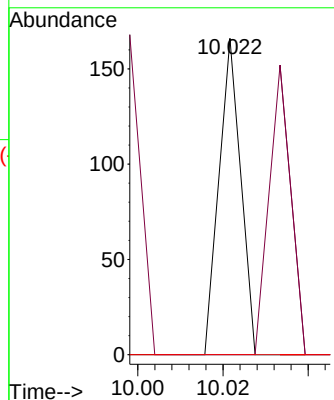
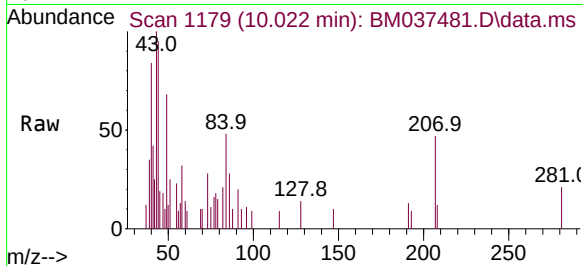




#28
bis(2-Chloroethoxy)methane
Concen: 0.003 ng
RT: 10.022 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

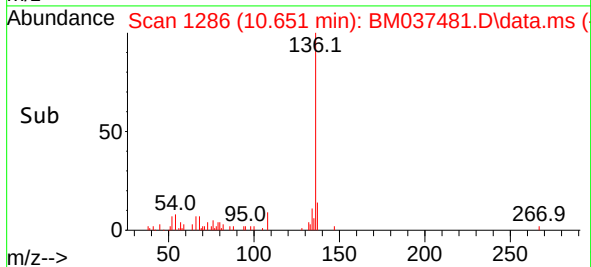
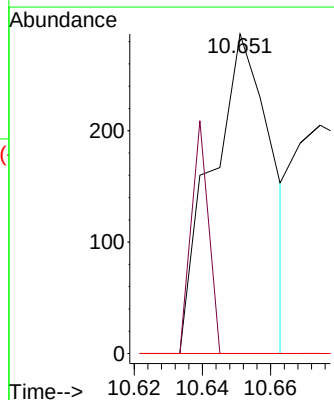
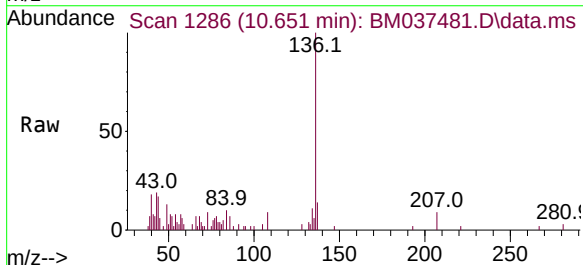
Instrument :
BNA_M
ClientSampleId :
SB-10

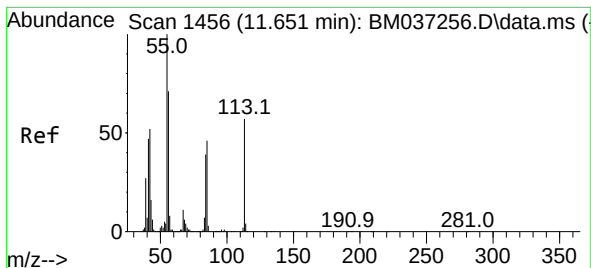
Tgt Ion: 93 Resp: 59
Ion Ratio Lower Upper
93 100
95 0.0 25.8 38.8#
123 0.0 9.3 13.9#



#31
Naphthalene
Concen: 0.008 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion: 128 Resp: 352
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.2 15.2#





#35

Caprolactam

Concen: 0.014 ng

RT: 11.657 min Scan# 14

Delta R.T. 0.041 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

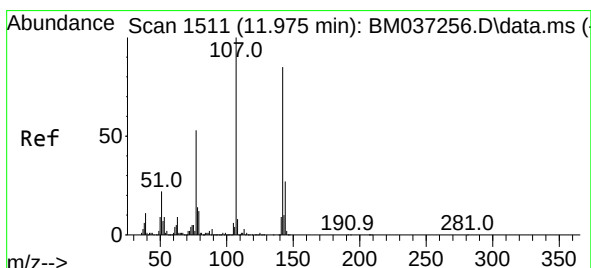
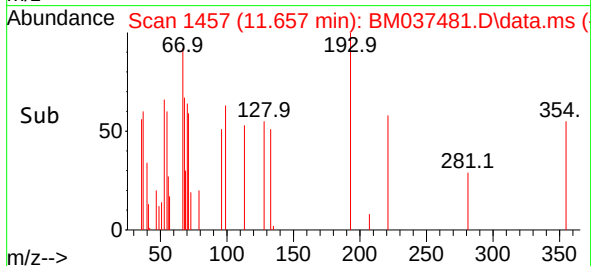
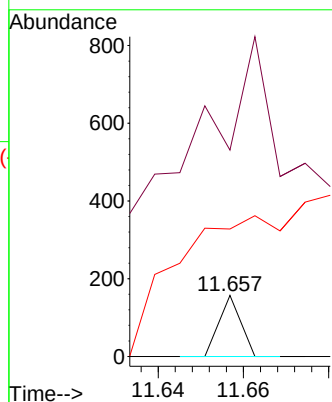
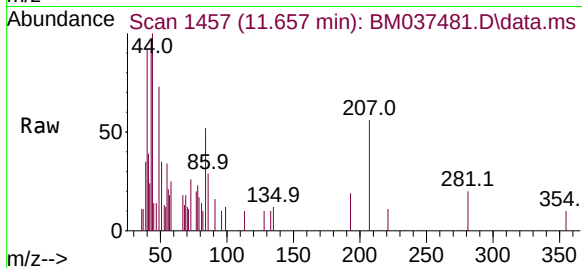
Tgt Ion:113 Resp: 55

Ion Ratio Lower Upper

113 100

55 338.2 156.9 196.9#

56 208.9 106.4 146.4#



#36

4-Chloro-3-methylphenol

Concen: 0.004 ng

RT: 11.957 min Scan# 1508

Delta R.T. 0.035 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

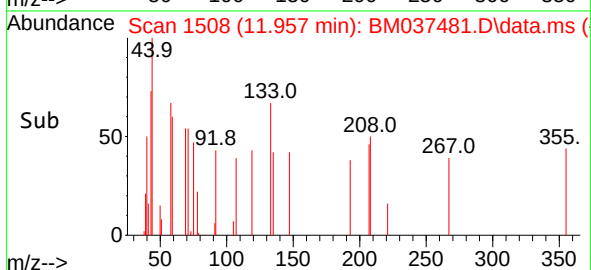
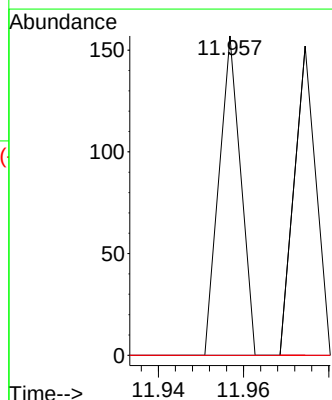
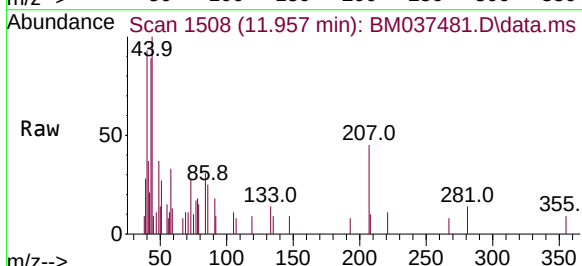
Tgt Ion:107 Resp: 55

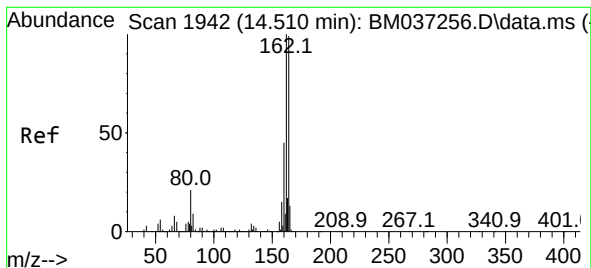
Ion Ratio Lower Upper

107 100

144 0.0 21.8 32.6#

142 0.0 68.1 102.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 19

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

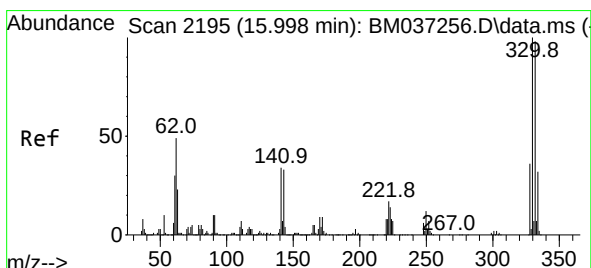
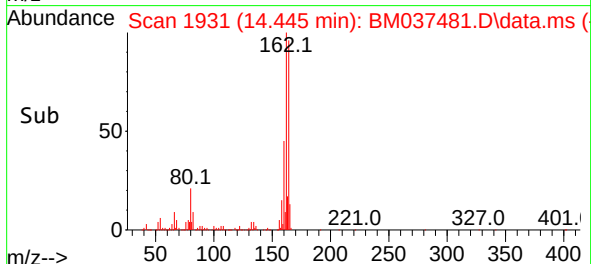
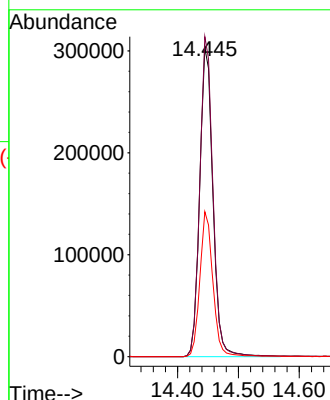
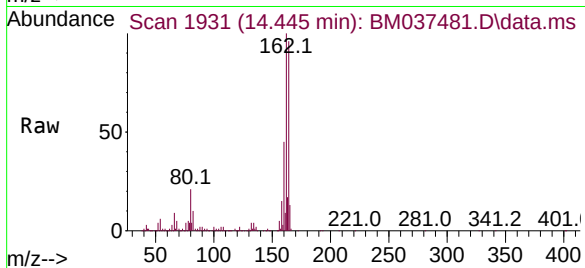
Tgt Ion:164 Resp: 458065

Ion Ratio Lower Upper

164 100

162 103.7 80.6 120.8

160 46.9 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 146.498 ng

RT: 15.939 min Scan# 2185

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

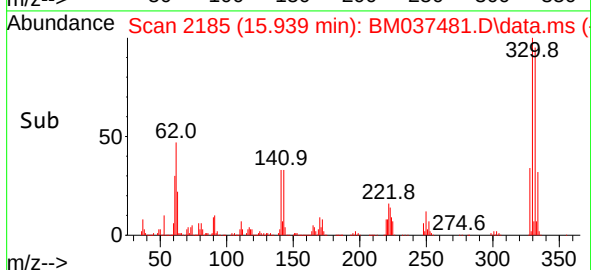
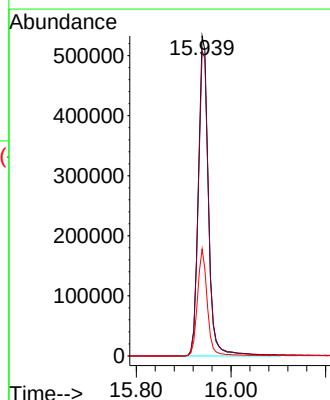
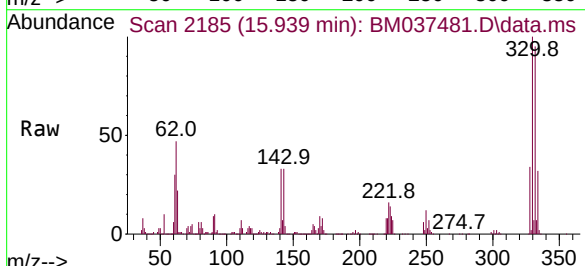
Tgt Ion:330 Resp: 790817

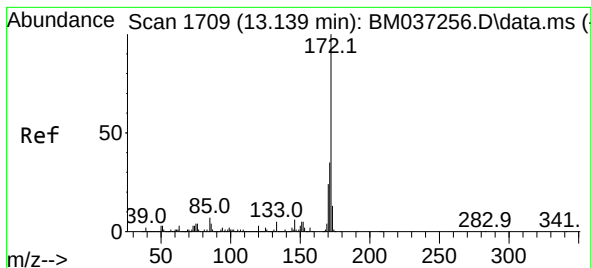
Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 32.6 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 82.391 ng

RT: 13.069 min Scan# 1697

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

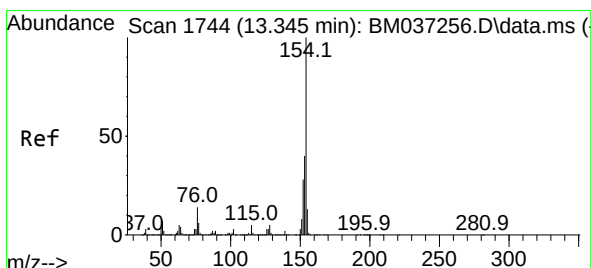
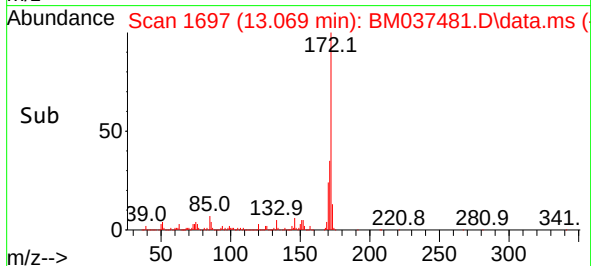
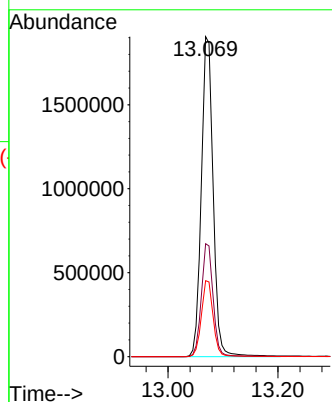
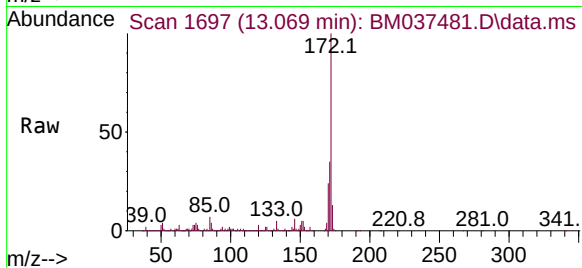
Tgt Ion:172 Resp: 2840408

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 0.155 ng

RT: 13.069 min Scan# 1697

Delta R.T. -0.218 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

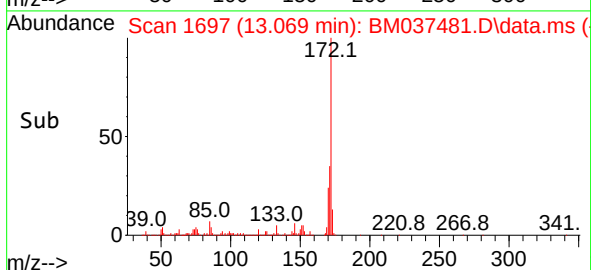
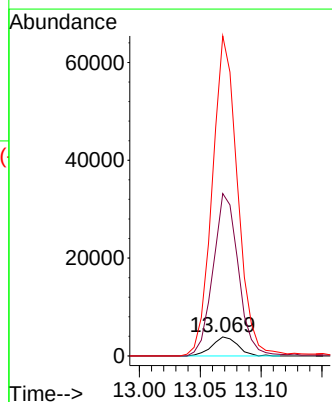
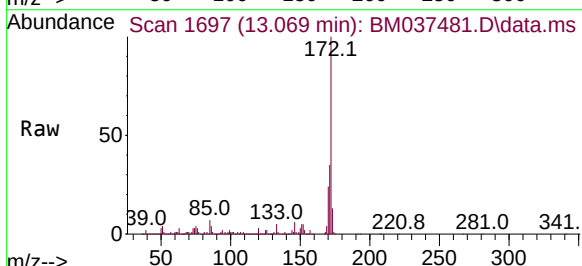
Tgt Ion:154 Resp: 5714

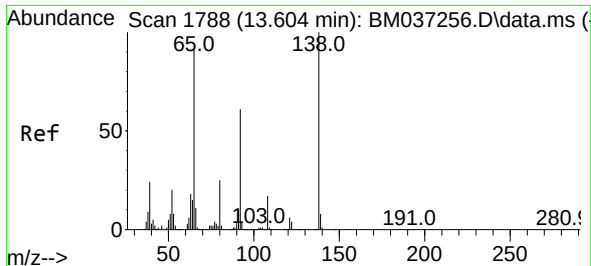
Ion Ratio Lower Upper

154 100

153 858.6 20.3 60.3#

76 1692.9 0.0 33.7#

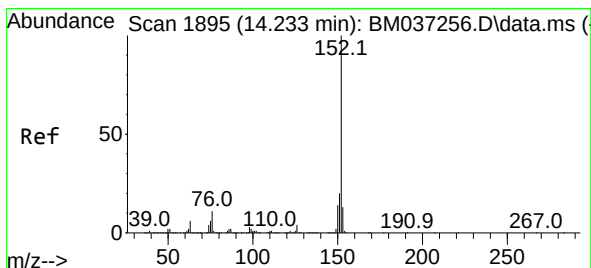
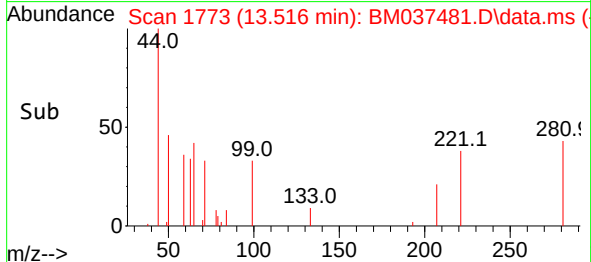
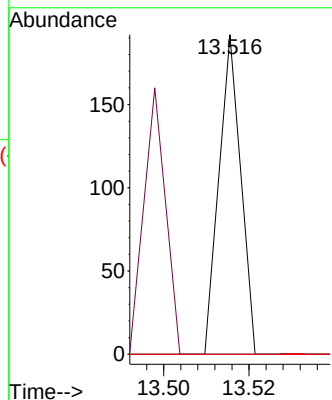
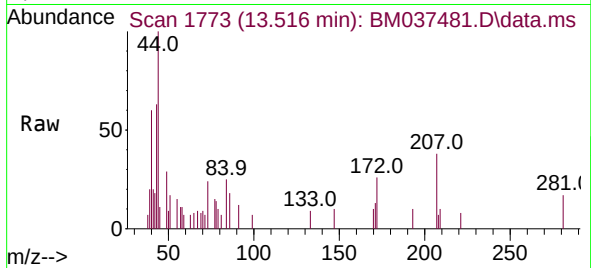




#48
2-Nitroaniline
Concen: 0.008 ng
RT: 13.516 min Scan# 11
Delta R.T. -0.035 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

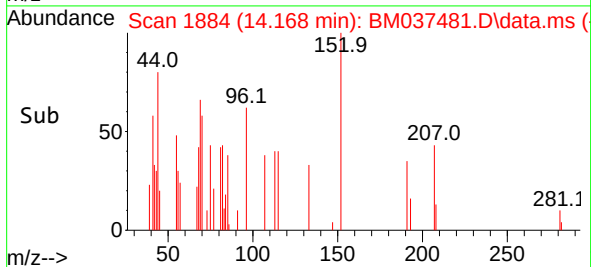
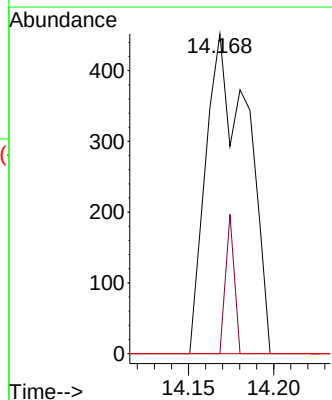
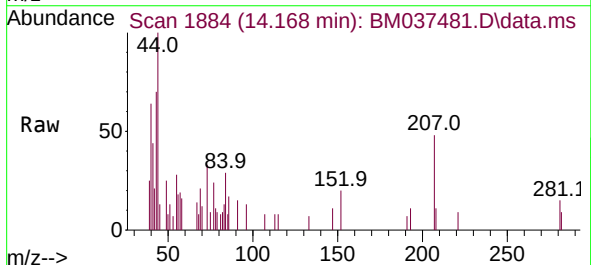
Instrument :
BNA_M
ClientSampleId :
SB-10

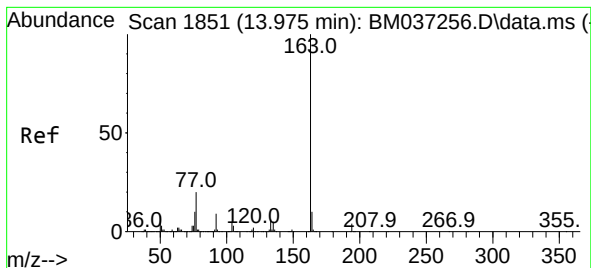
Tgt Ion: 65 Resp: 68
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 87.4 131.2#



#49
Acenaphthylene
Concen: 0.017 ng
RT: 14.168 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion: 152 Resp: 763
Ion Ratio Lower Upper
152 100
151 0.0 16.0 24.0#
153 0.0 10.6 15.8#

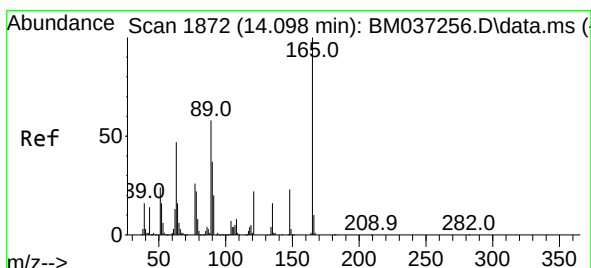
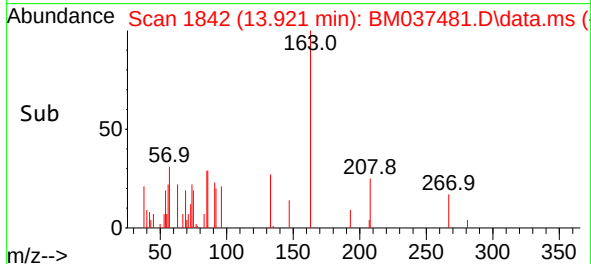
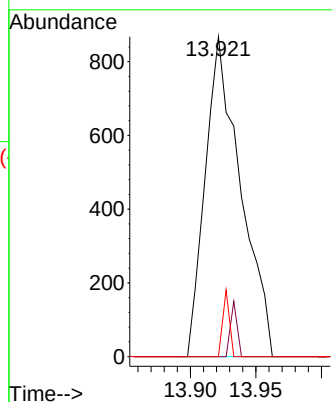
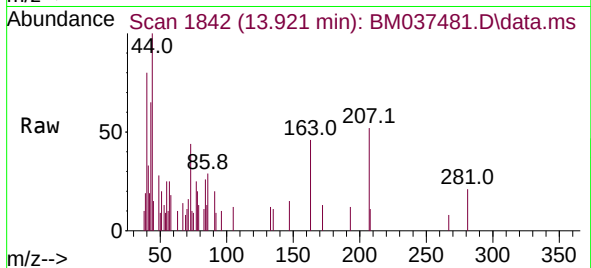




#50
Dimethylphthalate
Concen: 0.046 ng
RT: 13.921 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

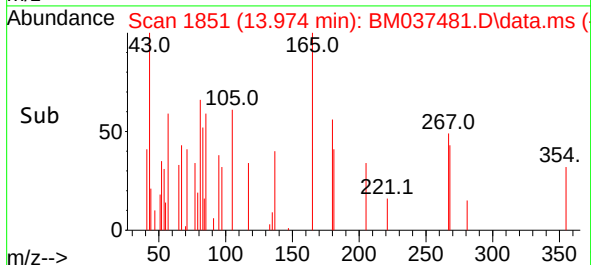
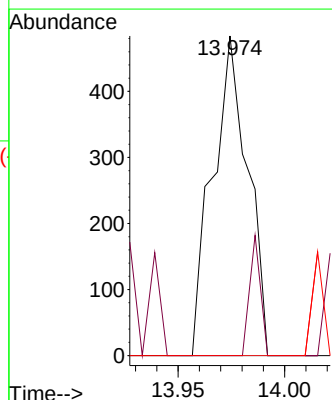
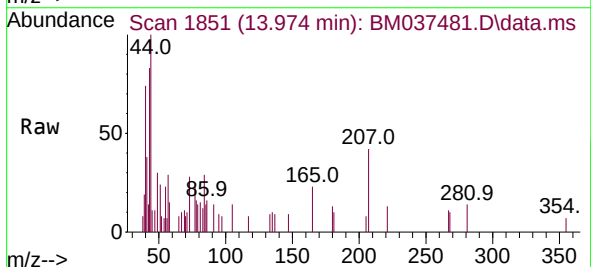
Instrument :
BNA_M
ClientSampleId :
SB-10

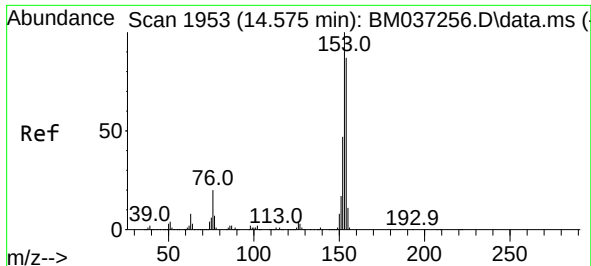
Tgt Ion:163 Resp: 1625
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 0.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 0.075 ng
RT: 13.974 min Scan# 1851
Delta R.T. -0.077 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion:165 Resp: 556
Ion Ratio Lower Upper
165 100
63 0.0 46.2 69.2#
89 0.0 46.6 69.8#

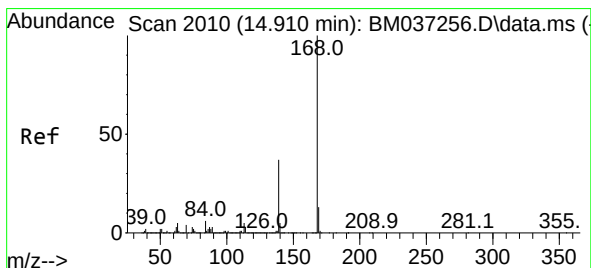
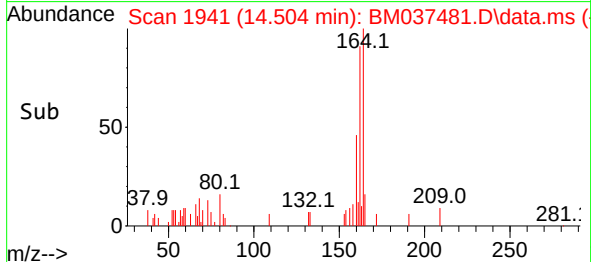
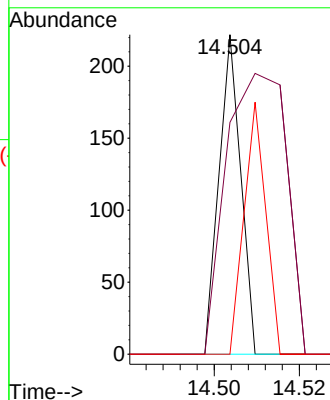
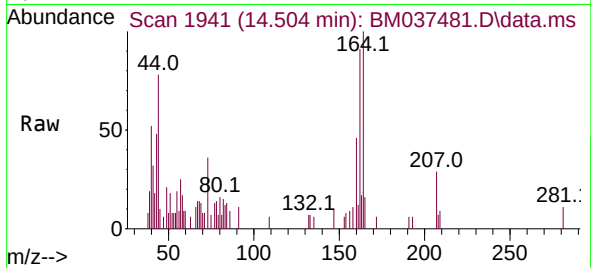




#52
Acenaphthene
Concen: 0.003 ng
RT: 14.504 min Scan# 19
Delta R.T. -0.012 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

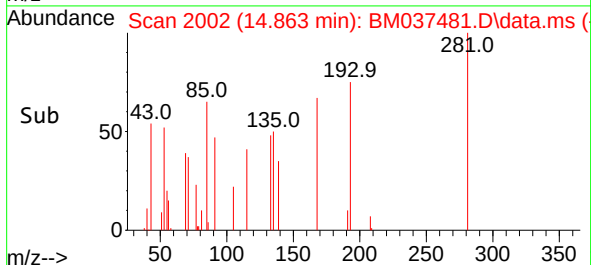
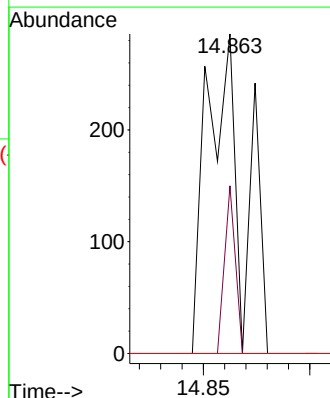
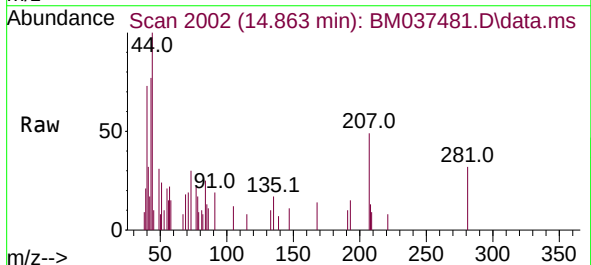
Instrument :
BNA_M
ClientSampleId :
SB-10

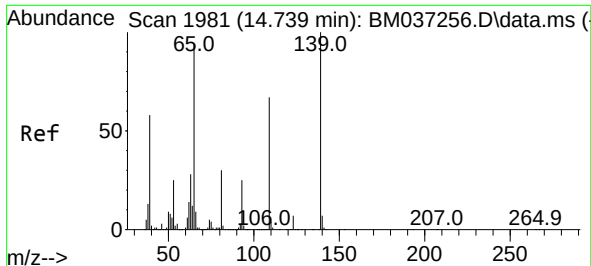
Tgt Ion:154 Resp: 78
Ion Ratio Lower Upper
154 100
153 72.5 91.5 137.3#
152 0.0 43.0 64.6#



#55
Dibenzofuran
Concen: 0.008 ng
RT: 14.863 min Scan# 2002
Delta R.T. 0.012 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion:168 Resp: 338
Ion Ratio Lower Upper
168 100
139 52.4 29.3 43.9#
169 0.0 10.6 16.0#

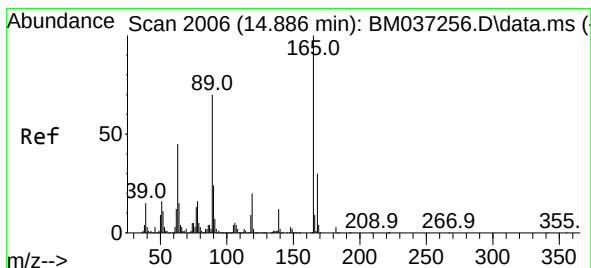
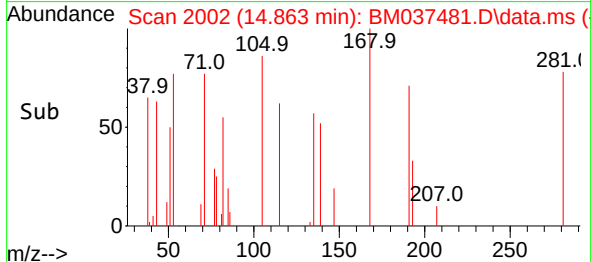
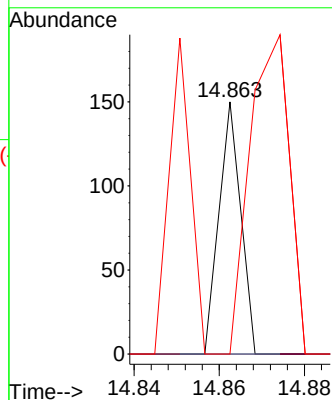
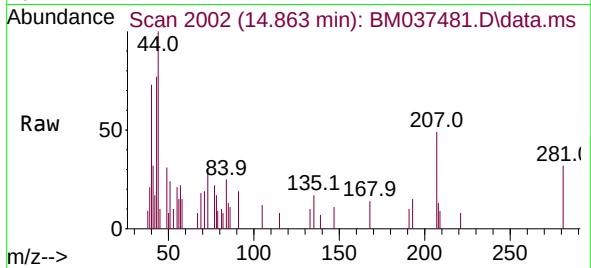




#56
4-Nitrophenol
Concen: 0.008 ng
RT: 14.863 min Scan# 20
Delta R.T. 0.159 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

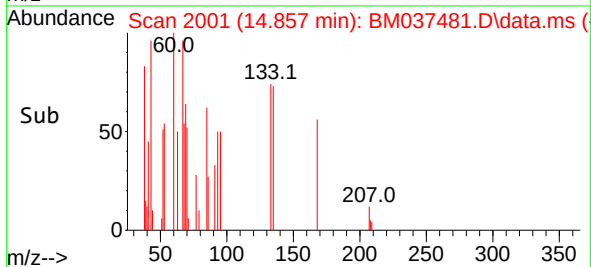
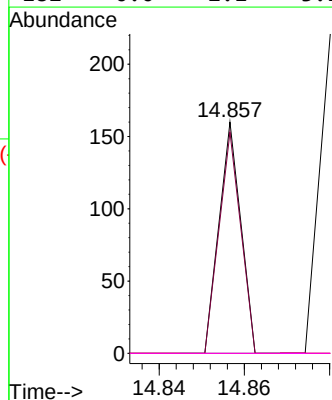
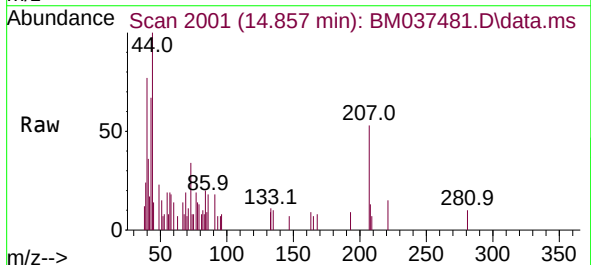
Instrument :
BNA_M
ClientSampleId :
SB-10

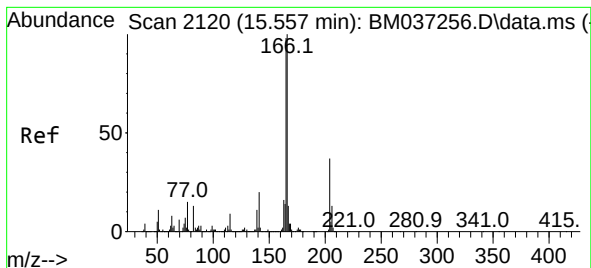
Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 0.0 47.4 87.4#
65 0.0 73.8 113.8#



#57
2,4-Dinitrotoluene
Concen: 0.006 ng
RT: 14.857 min Scan# 2001
Delta R.T. 0.018 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion:165 Resp: 56
Ion Ratio Lower Upper
165 100
63 95.6 36.3 54.5#
89 0.0 56.3 84.5#
182 0.0 2.1 3.1#





#58

Fluorene

Concen: 0.010 ng

RT: 15.504 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

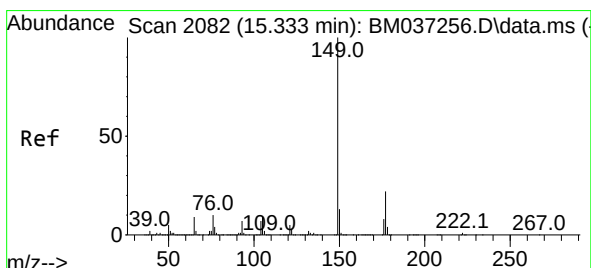
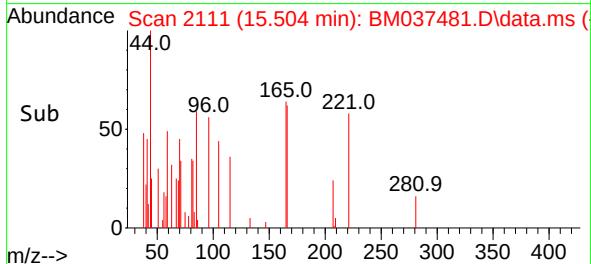
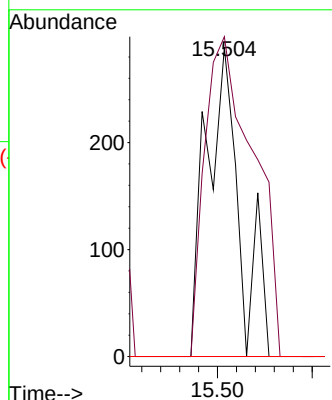
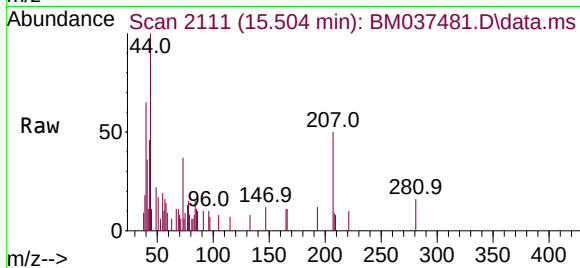
Tgt Ion:166 Resp: 355

Ion Ratio Lower Upper

166 100

165 103.5 78.2 117.4

167 0.0 10.6 15.8#



#60

Diethylphthalate

Concen: 0.291 ng

RT: 15.274 min Scan# 2072

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

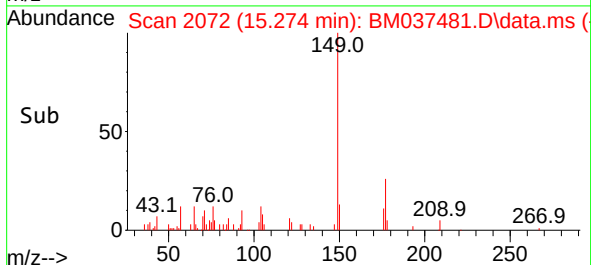
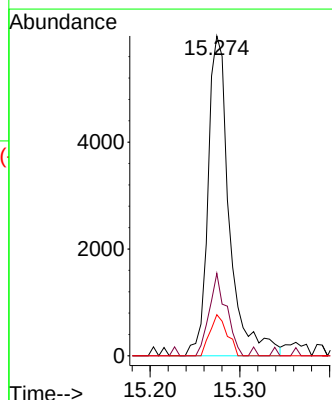
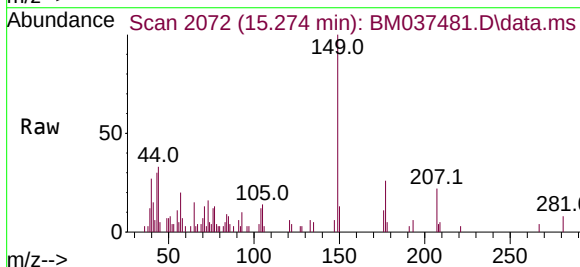
Tgt Ion:149 Resp: 9903

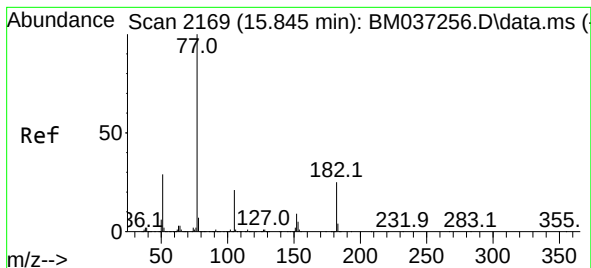
Ion Ratio Lower Upper

149 100

177 25.8 17.4 26.0

150 12.9 10.0 15.0





#63

Azobenzene

Concen: 0.012 ng

RT: 15.792 min Scan# 2169

Delta R.T. -0.000 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

Tgt Ion: 77 Resp: 388

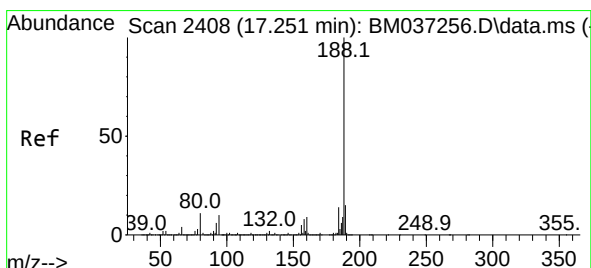
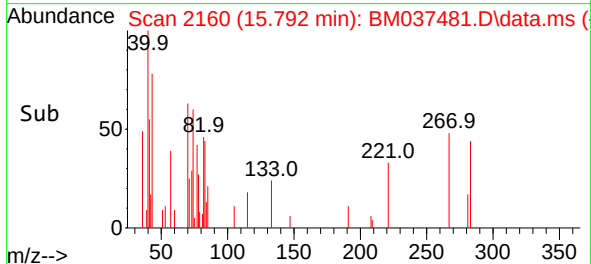
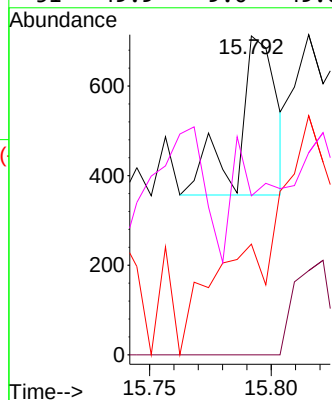
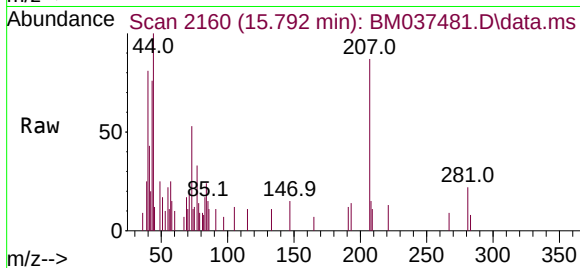
Ion Ratio Lower Upper

77 100

182 0.0 5.1 45.1#

105 34.7 0.5 40.5

51 49.9 9.0 49.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

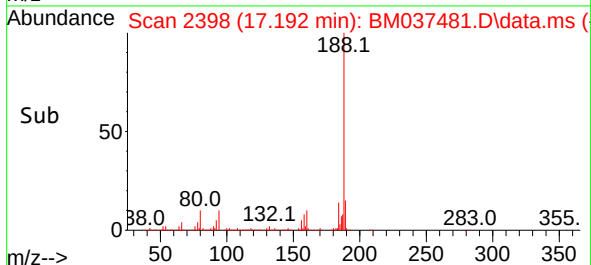
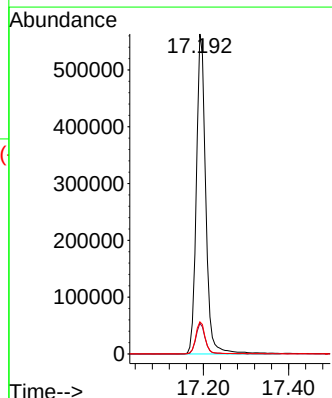
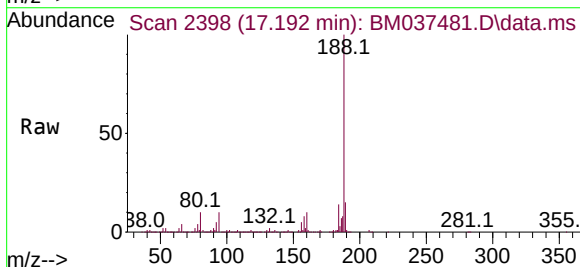
Tgt Ion:188 Resp: 857413

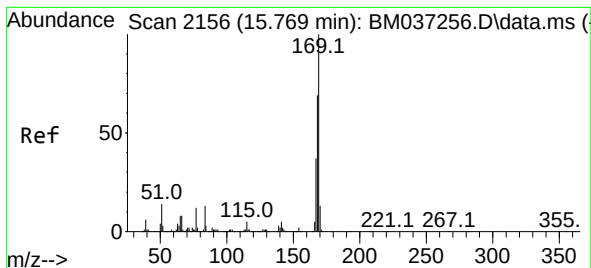
Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.0 8.5 12.7





#66

n-Nitrosodiphenylamine

Concen: 0.780 ng

RT: 15.939 min Scan# 21

Delta R.T. 0.223 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

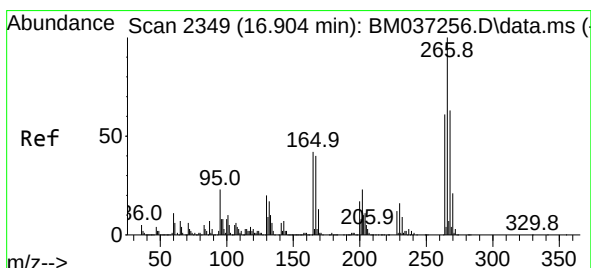
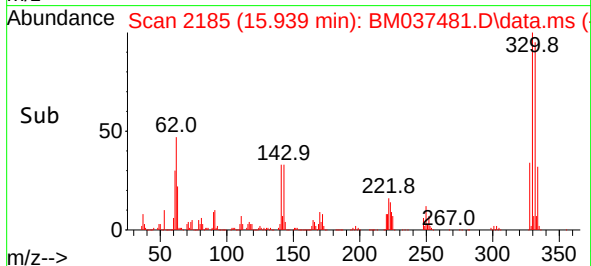
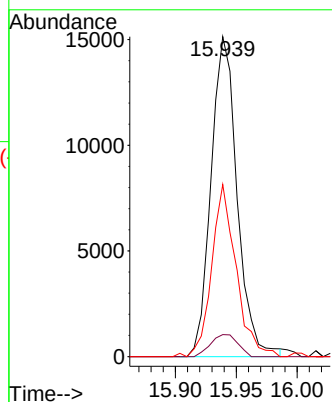
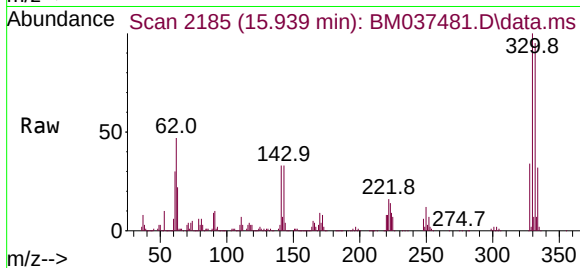
Tgt Ion:169 Resp: 22592

Ion Ratio Lower Upper

169 100

168 6.9 54.8 82.2#

167 53.8 29.5 44.3#



#70

Pentachlorophenol

Concen: 0.008 ng

RT: 16.874 min Scan# 2344

Delta R.T. 0.023 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

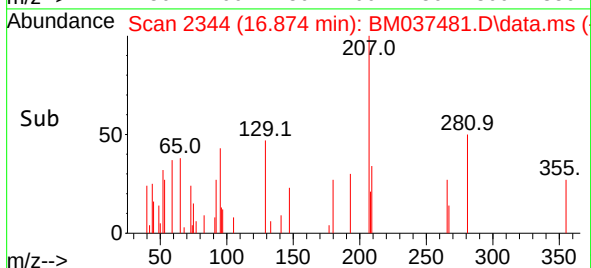
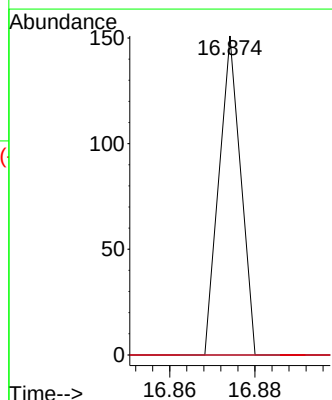
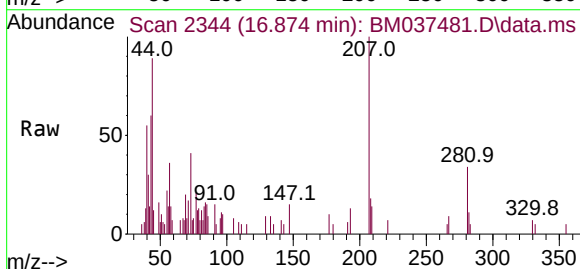
Tgt Ion:266 Resp: 53

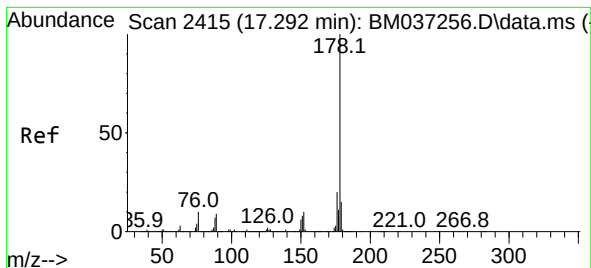
Ion Ratio Lower Upper

266 100

268 0.0 50.7 76.1#

264 0.0 49.1 73.7#





#71

Phenanthrene

Concen: 0.141 ng

RT: 17.239 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

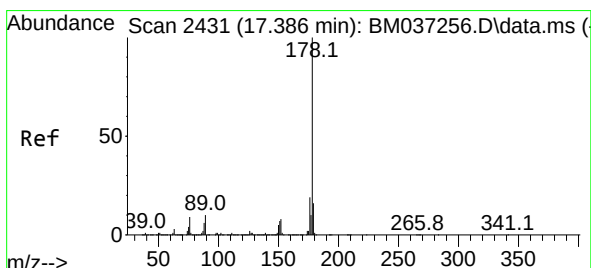
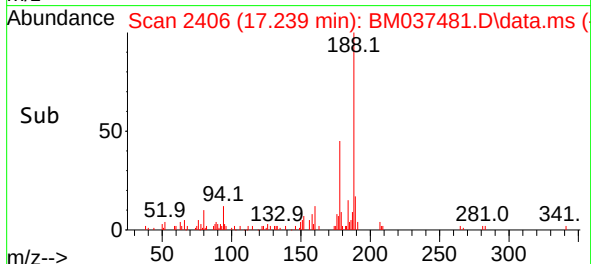
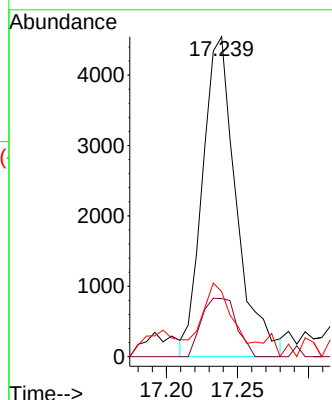
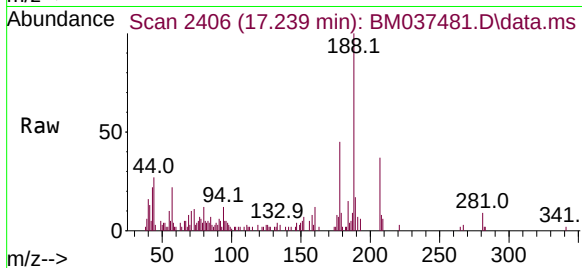
Tgt Ion:178 Resp: 7508

Ion Ratio Lower Upper

178 100

176 18.1 15.6 23.4

179 20.3 12.4 18.6#



#72

Anthracene

Concen: 0.049 ng

RT: 17.333 min Scan# 2422

Delta R.T. -0.000 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

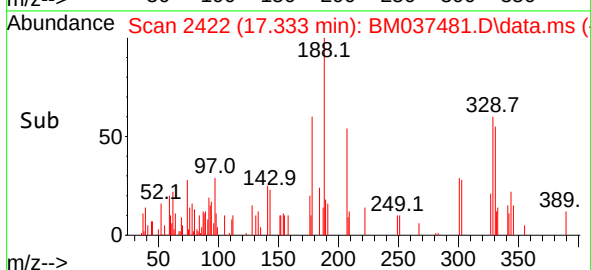
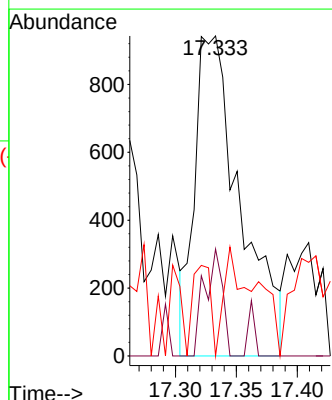
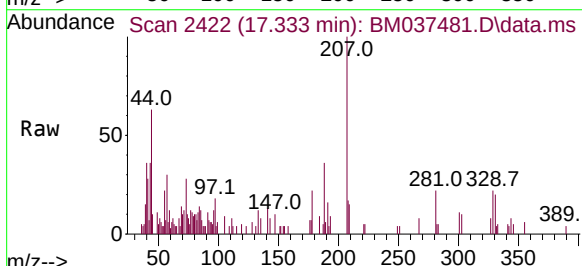
Tgt Ion:178 Resp: 2465

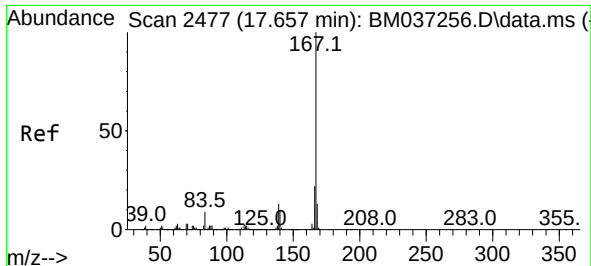
Ion Ratio Lower Upper

178 100

176 33.4 15.4 23.0#

179 0.0 12.6 19.0#

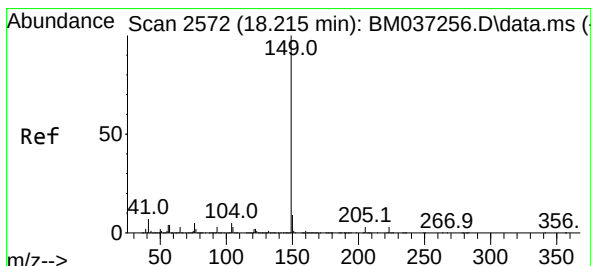
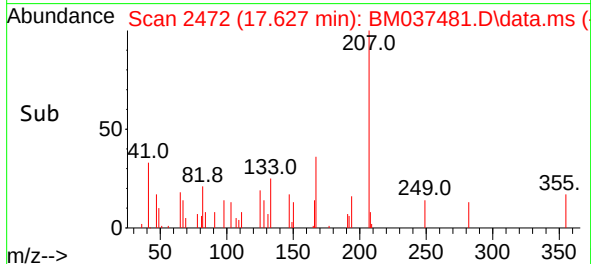
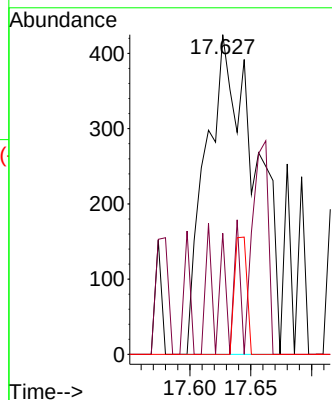
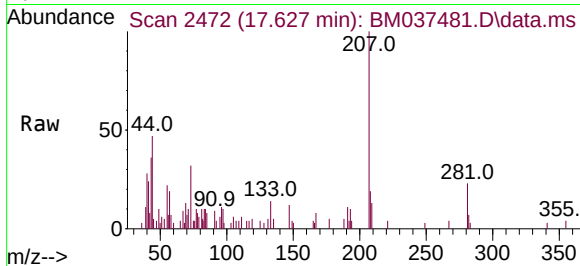




#73
 Carbazole
 Concen: 0.026 ng
 RT: 17.627 min Scan# 24
 Delta R.T. 0.018 min
 Lab File: BM037481.D
 Acq: 11 Nov 2022 23:43

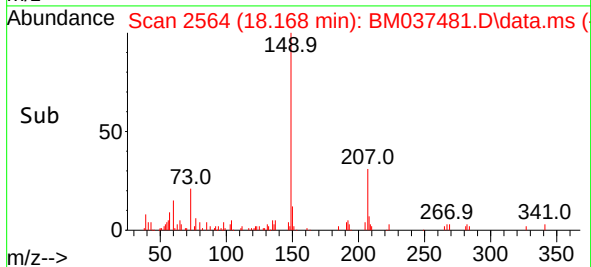
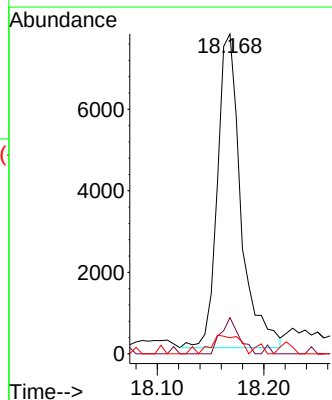
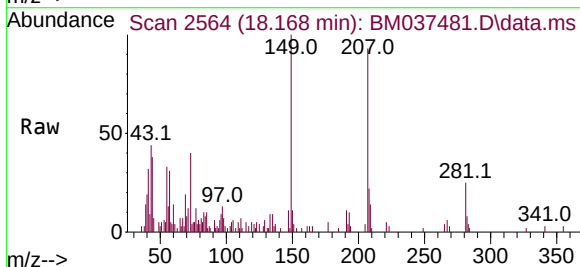
Instrument :
 BNA_M
 ClientSampleId :
 SB-10

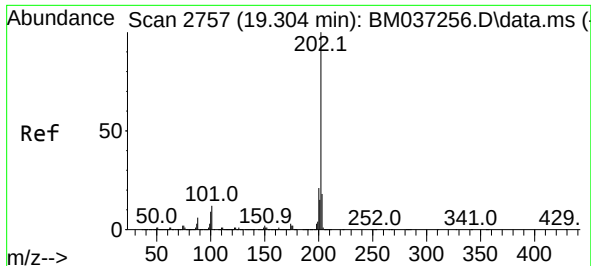
Tgt Ion:167 Resp: 1202
 Ion Ratio Lower Upper
 167 100
 166 37.9 17.4 26.2#
 139 0.0 10.4 15.6#



#74
 Di-n-butylphthalate
 Concen: 0.231 ng
 RT: 18.168 min Scan# 2564
 Delta R.T. -0.000 min
 Lab File: BM037481.D
 Acq: 11 Nov 2022 23:43

Tgt Ion:149 Resp: 11800
 Ion Ratio Lower Upper
 149 100
 150 11.3 7.4 11.0#
 104 5.0 4.0 6.0

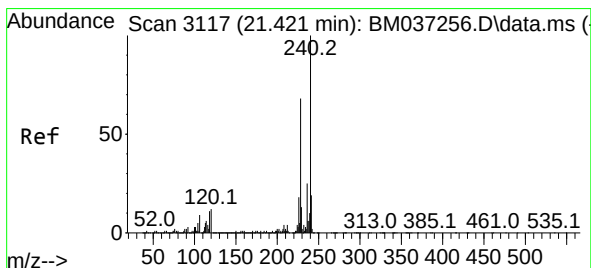
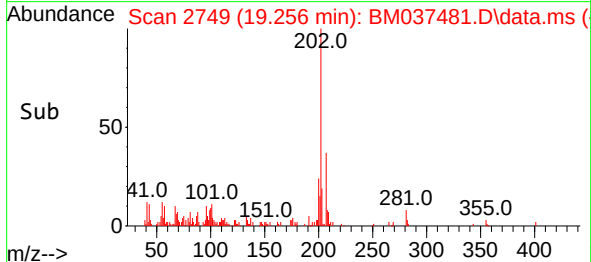
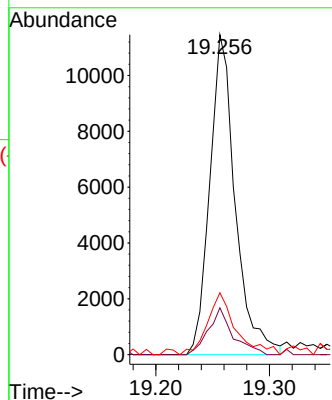
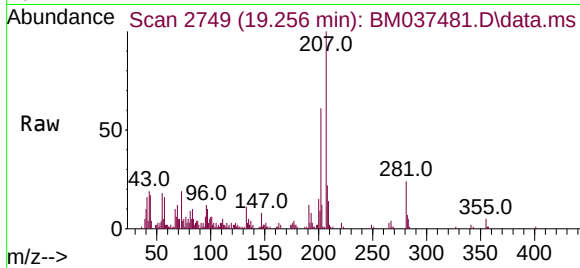




#75
Fluoranthene
Concen: 0.318 ng
RT: 19.256 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

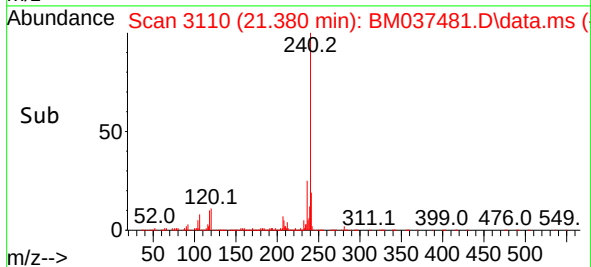
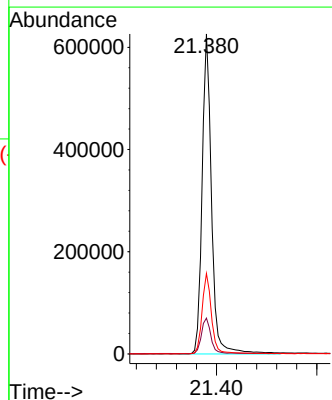
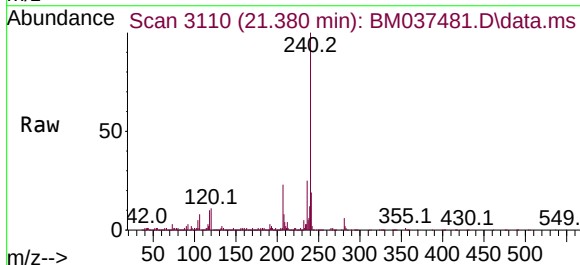
Instrument :
BNA_M
ClientSampleId :
SB-10

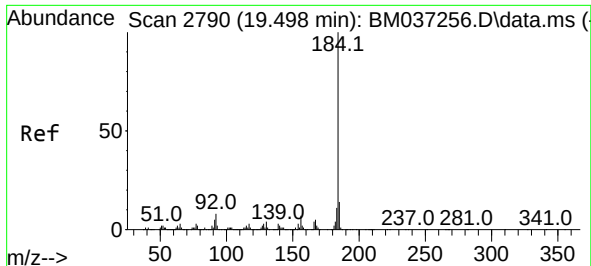
Tgt Ion:202 Resp: 17871
Ion Ratio Lower Upper
202 100
101 14.6 0.0 32.4
203 19.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion:240 Resp: 816687
Ion Ratio Lower Upper
240 100
120 11.2 9.9 14.9
236 25.1 20.3 30.5

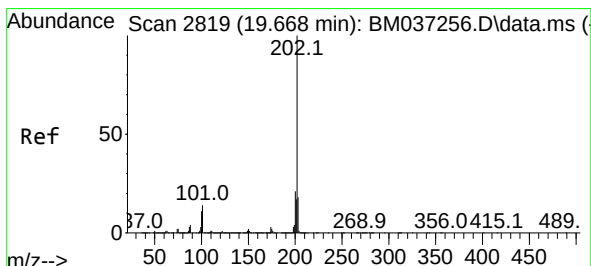
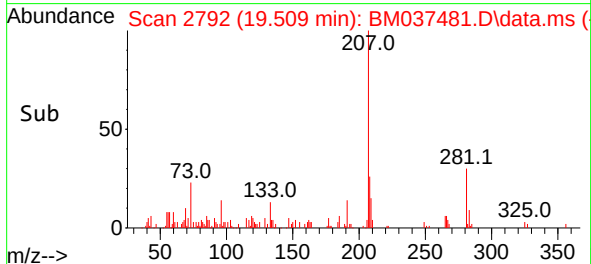
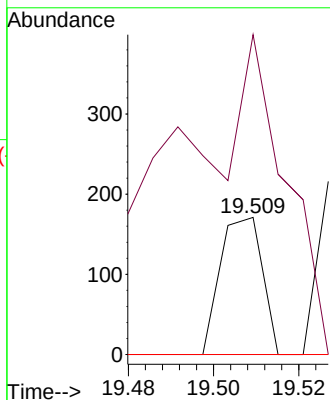
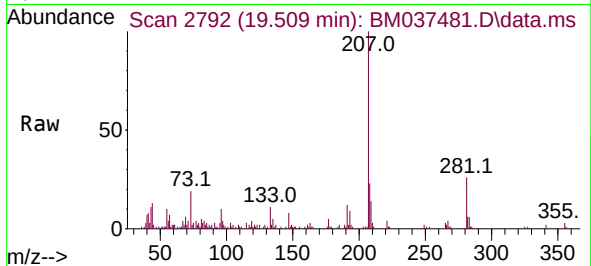




#77
Benzidine
Concen: 0.010 ng
RT: 19.509 min Scan# 21
Delta R.T. 0.053 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

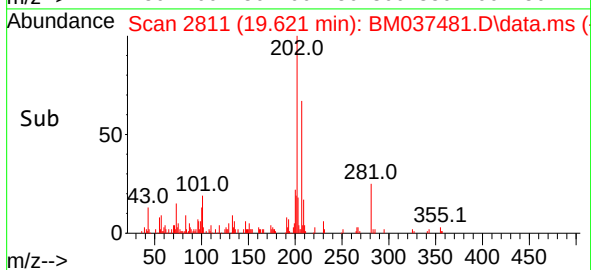
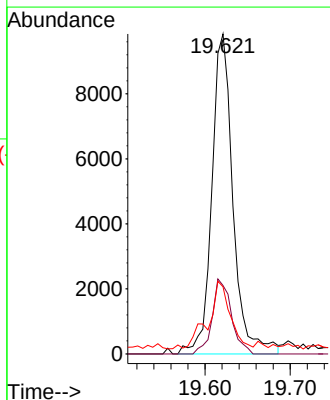
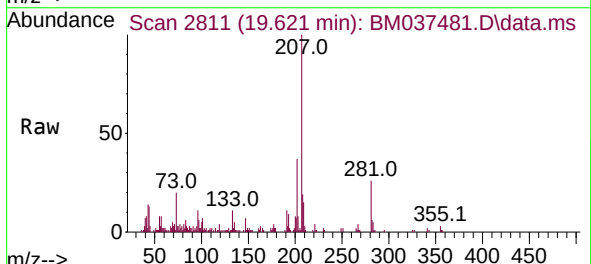
Instrument :
BNA_M
ClientSampleId :
SB-10

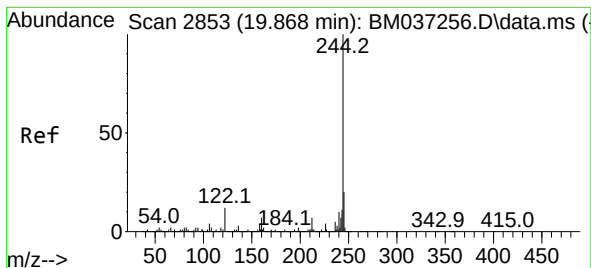
Tgt Ion:184 Resp: 117
Ion Ratio Lower Upper
184 100
185 233.3 11.3 16.9#
183 0.0 9.0 13.4#



#78
Pyrene
Concen: 0.271 ng
RT: 19.621 min Scan# 2811
Delta R.T. -0.000 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion:202 Resp: 17021
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 21.0 14.1 21.1





#79

Terphenyl-d14

Concen: 90.830 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

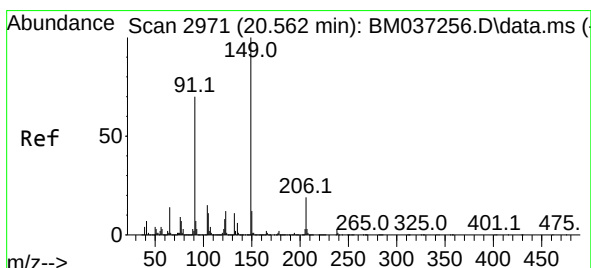
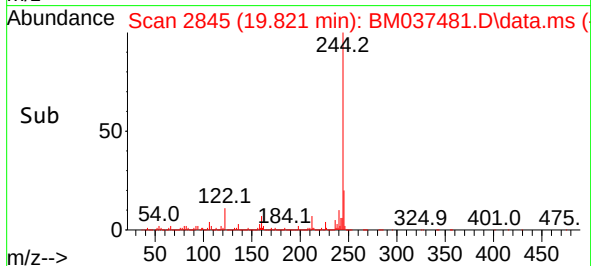
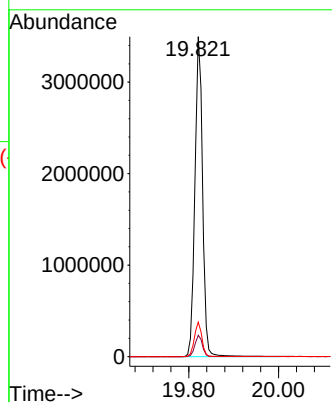
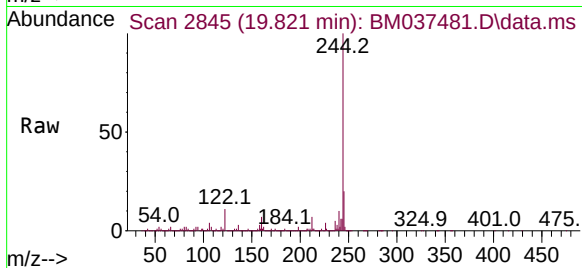
Tgt Ion:244 Resp: 4136555

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.8 9.4 14.2



#80

Butylbenzylphthalate

Concen: 0.043 ng

RT: 20.397 min Scan# 2943

Delta R.T. -0.124 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

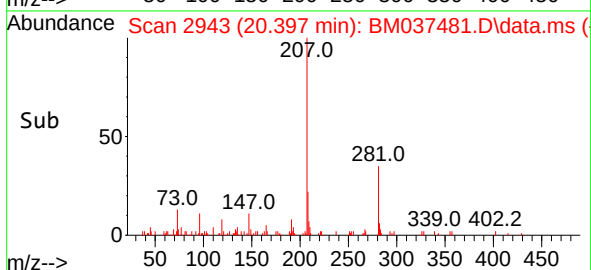
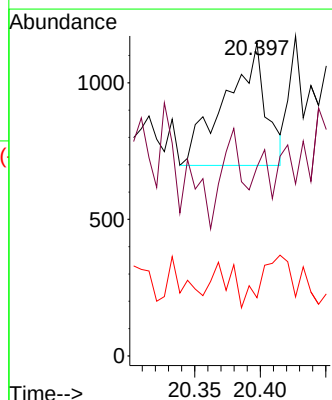
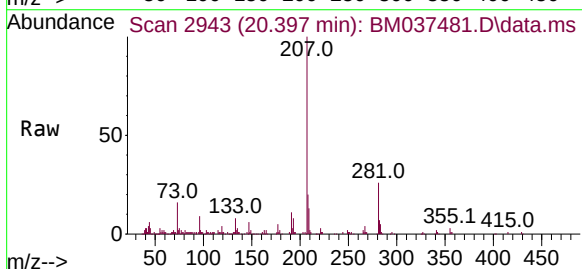
Tgt Ion:149 Resp: 963

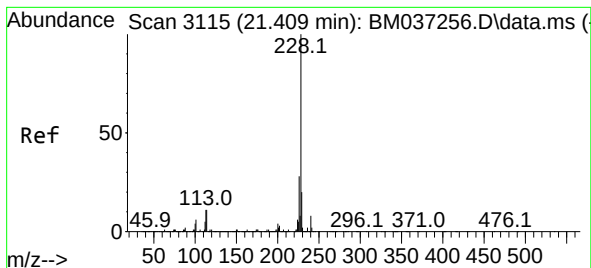
Ion Ratio Lower Upper

149 100

91 60.4 56.2 84.4

206 18.6 15.4 23.0





#81

Benzo(a)anthracene

Concen: 0.224 ng

RT: 21.362 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

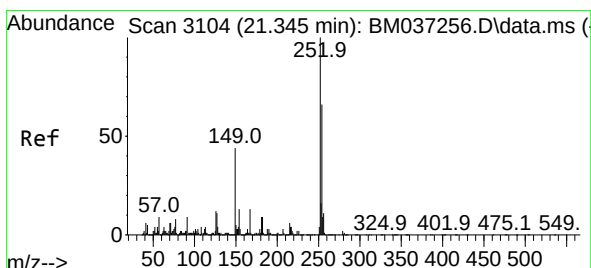
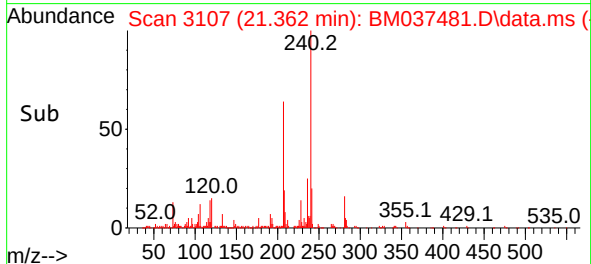
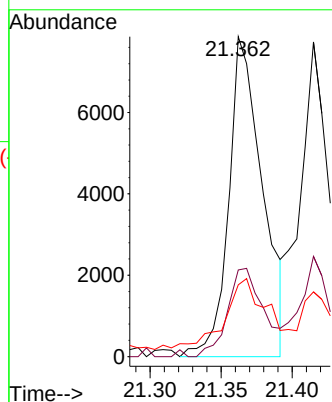
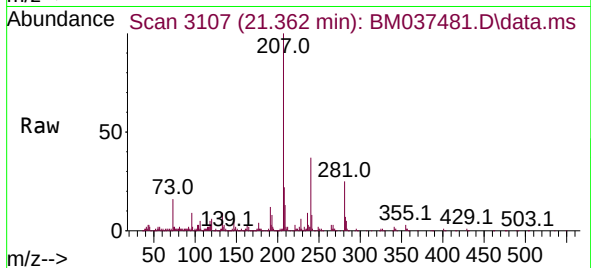
Tgt Ion:228 Resp: 13035

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

229 22.4 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 0.010 ng

RT: 21.309 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

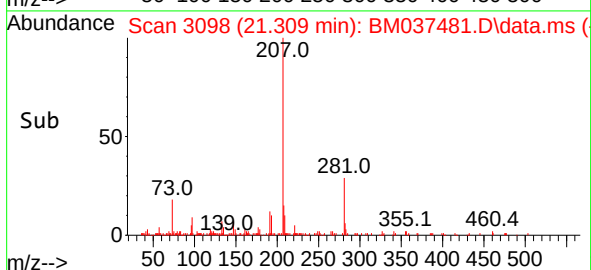
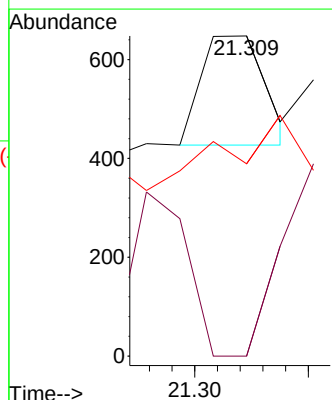
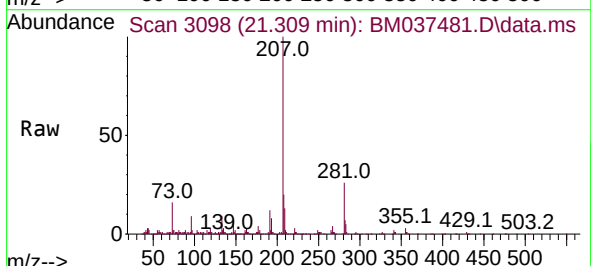
Tgt Ion:252 Resp: 172

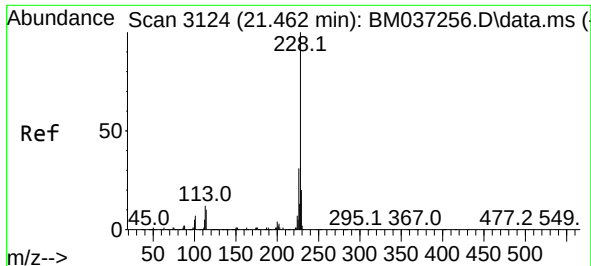
Ion Ratio Lower Upper

252 100

254 0.0 52.7 79.1#

126 60.0 9.8 14.6#

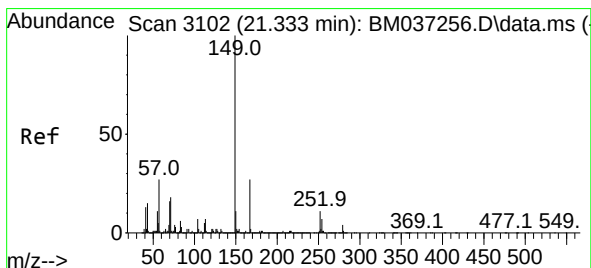
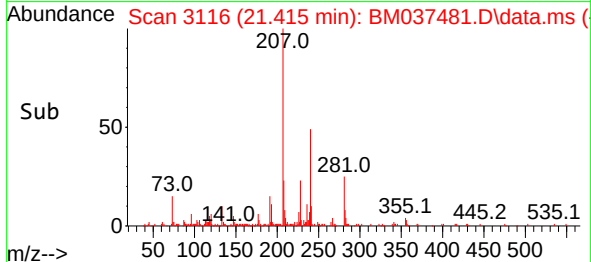
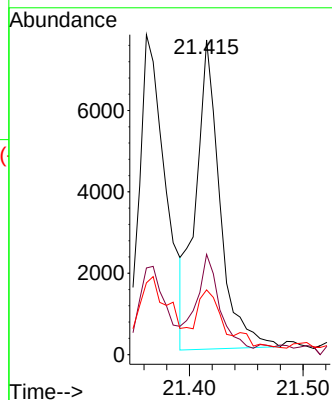
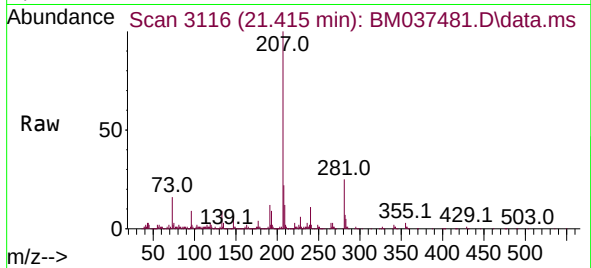




#83
Chrysene
Concen: 0.201 ng
RT: 21.415 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

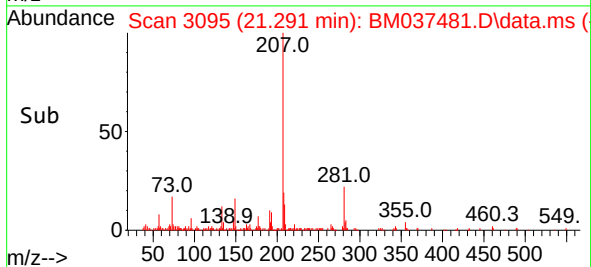
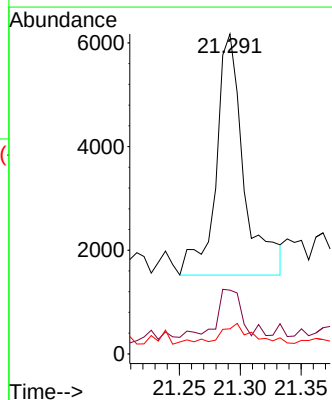
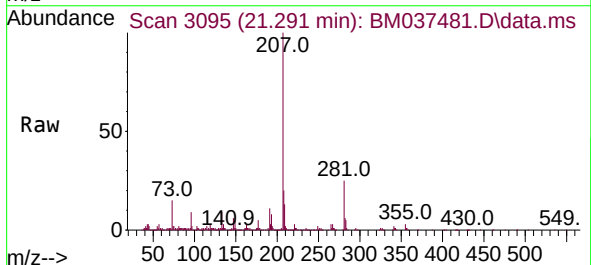
Instrument :
BNA_M
ClientSampleId :
SB-10

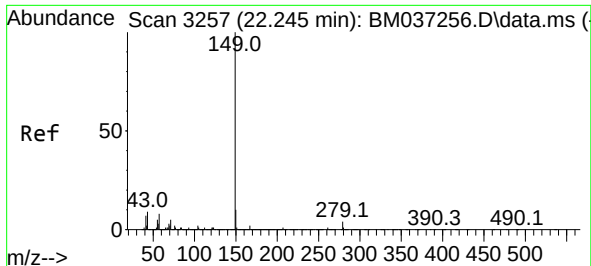
Tgt Ion:228 Resp: 11282
Ion Ratio Lower Upper
228 100
226 31.9 24.4 36.6
229 20.6 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.247 ng
RT: 21.291 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion:149 Resp: 7445
Ion Ratio Lower Upper
149 100
167 19.9 21.2 31.8#
279 7.8 3.1 4.7#

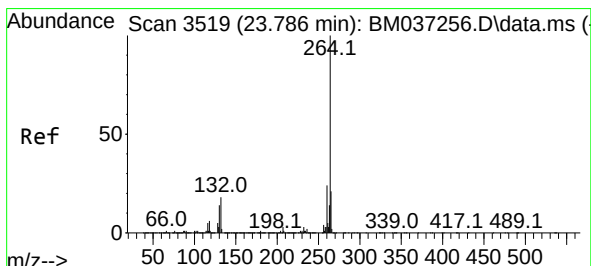
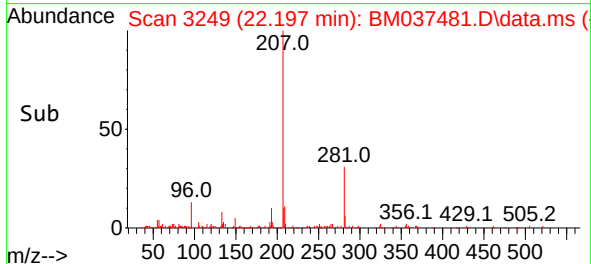
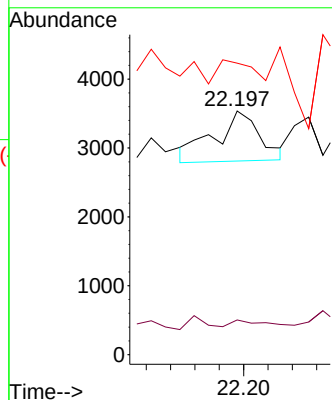
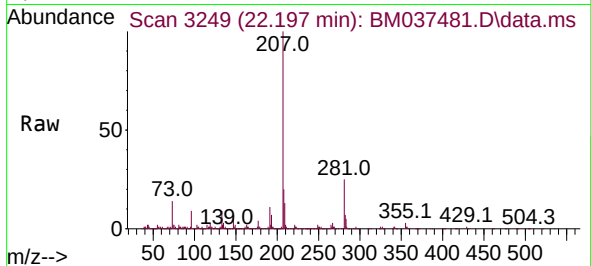




#85
Di-n-octyl phthalate
Concen: 0.020 ng
RT: 22.197 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

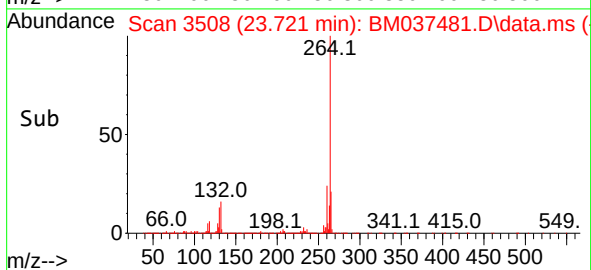
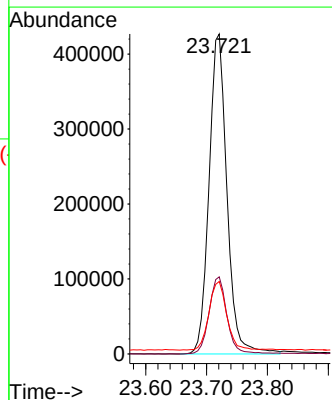
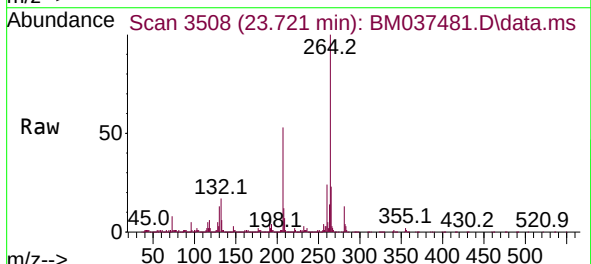
Instrument :
BNA_M
ClientSampleId :
SB-10

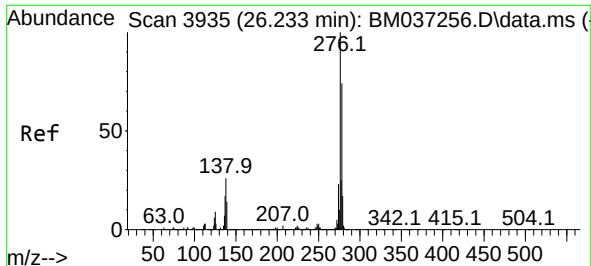
Tgt Ion:149 Resp: 936
Ion Ratio Lower Upper
149 100
167 13.7 1.3 1.9#
43 0.0 8.0 12.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3508
Delta R.T. -0.000 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion:264 Resp: 872283
Ion Ratio Lower Upper
264 100
260 24.1 18.9 28.3
265 22.6 17.7 26.5

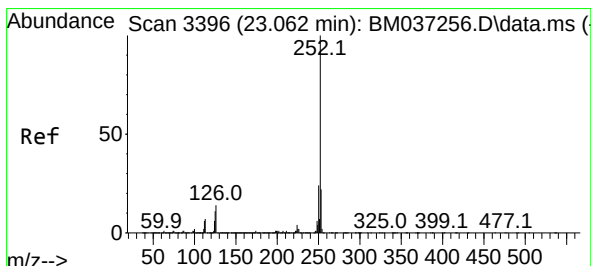
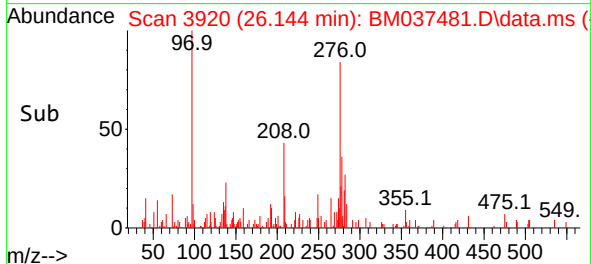
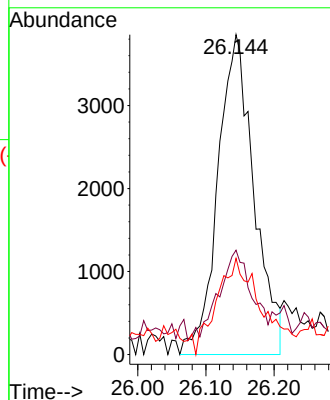
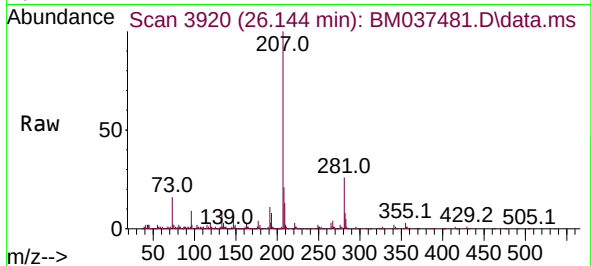




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 0.199 ng
 RT: 26.144 min Scan# 3935
 Delta R.T. -0.000 min
 Lab File: BM037481.D
 Acq: 11 Nov 2022 23:43

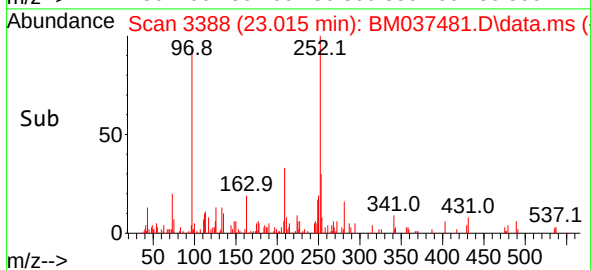
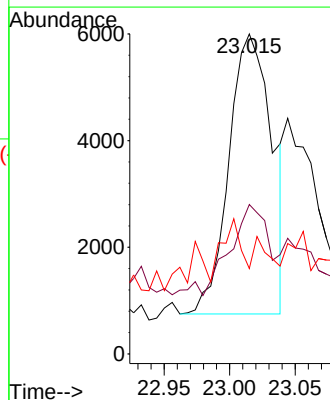
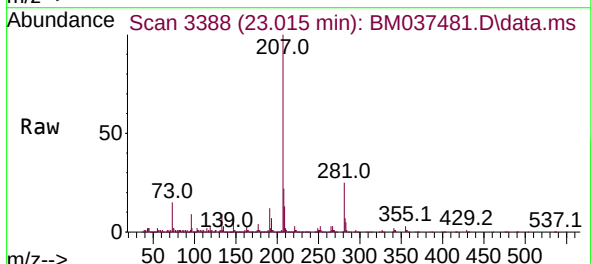
Instrument :
 BNA_M
 ClientSampleId :
 SB-10

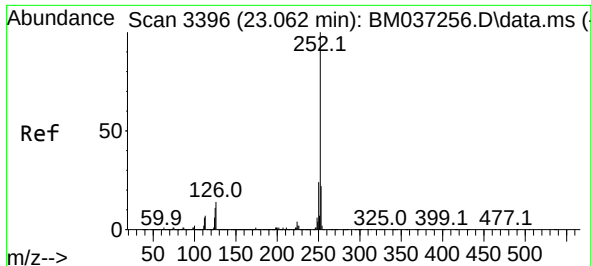
Tgt Ion:	276	Resp:	14189
Ion Ratio	Lower	Upper	
276	100		
138	22.5	21.5	32.3
277	37.2	20.1	30.1#



#88
 Benzo(b)fluoranthene
 Concen: 0.198 ng
 RT: 23.015 min Scan# 3388
 Delta R.T. -0.000 min
 Lab File: BM037481.D
 Acq: 11 Nov 2022 23:43

Tgt Ion:	252	Resp:	11985
Ion Ratio	Lower	Upper	
252	100		
253	46.7	17.8	26.6#
125	26.7	9.1	13.7#





#89

Benzo(k)fluoranthene

Concen: 0.194 ng

RT: 23.015 min Scan# 34

Delta R.T. -0.047 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

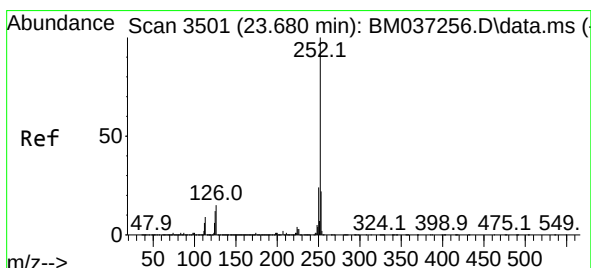
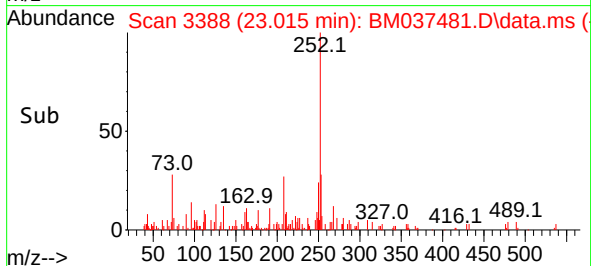
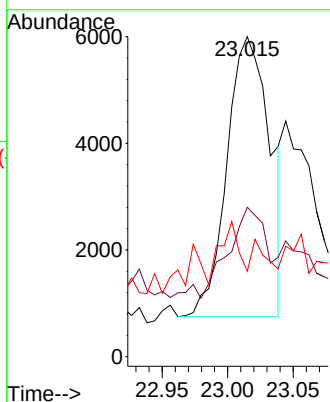
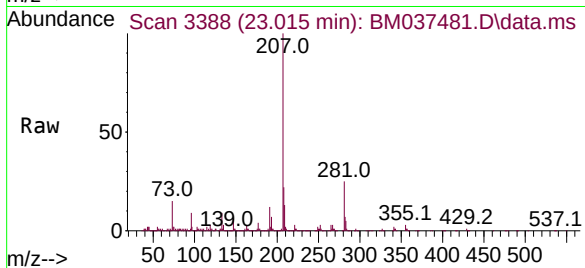
Tgt Ion:252 Resp: 11985

Ion Ratio Lower Upper

252 100

253 46.7 17.8 26.6#

125 26.7 9.1 13.7#



#90

Benzo(a)pyrene

Concen: 0.187 ng

RT: 23.615 min Scan# 3490

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

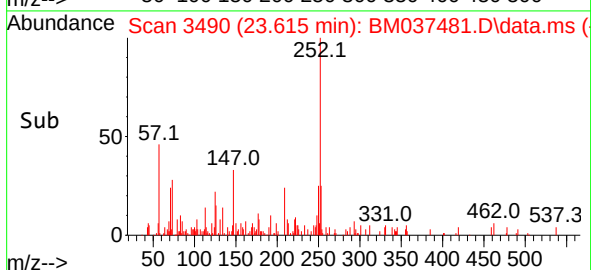
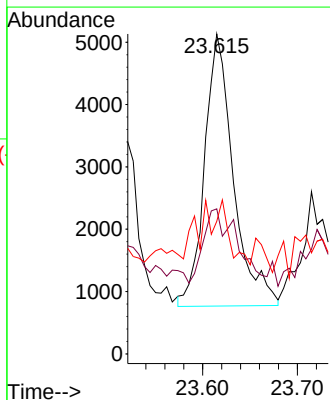
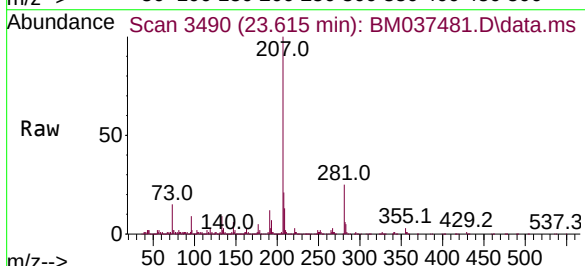
Tgt Ion:252 Resp: 9233

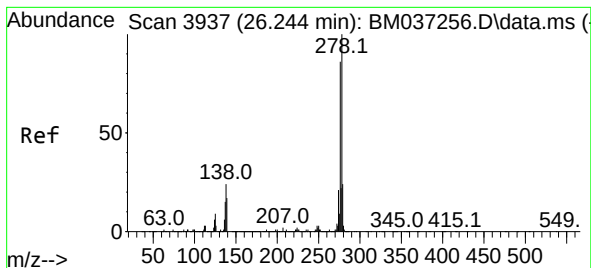
Ion Ratio Lower Upper

252 100

253 45.3 17.4 26.2#

125 41.4 9.9 14.9#





#91

Dibenzo(a,h)anthracene

Concen: 0.147 ng

RT: 26.150 min Scan# 39

Delta R.T. -0.012 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

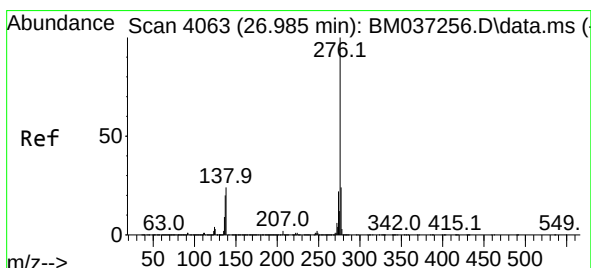
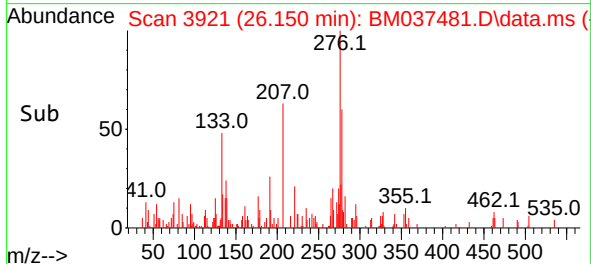
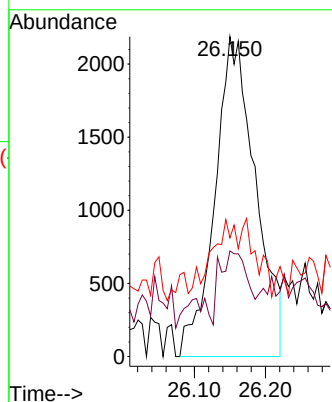
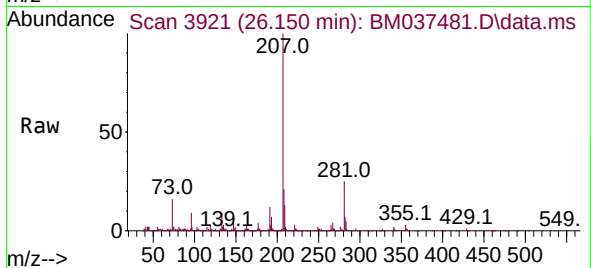
Tgt Ion:278 Resp: 8709

Ion Ratio Lower Upper

278 100

139 33.0 13.8 20.8#

279 37.1 19.0 28.6#



#92

Benzo(g,h,i)perylene

Concen: 0.244 ng

RT: 26.879 min Scan# 4045

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Tgt Ion:276 Resp: 14089

Ion Ratio Lower Upper

276 100

277 30.8 19.4 29.2#

138 20.9 18.9 28.3

