

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041376.D
 Acq On : 10 Aug 2023 23:21
 Operator : MA/JU
 Sample : 03954-13 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-19

Quant Time: Aug 11 03:37:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	66880	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	248160	20.000	ng	-0.01
39) Acenaphthene-d10	14.439	164	146526	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	301857	20.000	ng	# 0.00
76) Chrysene-d12	21.421	240	323463	20.000	ng	0.00
86) Perylene-d12	23.785	264	415033	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	150891	33.720	ng	0.00
7) Phenol-d6	6.957	99	171649	29.592	ng	-0.01
23) Nitrobenzene-d5	8.951	82	108877	20.403	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	70674	34.100	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	263079	22.681	ng	-0.01
79) Terphenyl-d14	19.839	244	389654	21.780	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.987	94	20864	3.724	ng	78
17) 2-Methylphenol	8.239	107	9989	2.610	ng	# 87
20) 3+4-Methylphenols	8.581	107	30085	5.879	ng	95
27) 2,4-Dimethylphenol	9.775	122	8241	2.220	ng	# 94
31) Naphthalene	10.627	128	4412333	327.651	ng	100
32) Benzoic acid	10.092	122	18289	12.737	ng	# 17
33) 4-Chloroaniline	10.627	127	580049	107.782	ng	# 32
37) 2-Methylnaphthalene	12.245	142	1110326	122.297	ng	99
38) 1-Methylnaphthalene	12.469	142	719731	84.701	ng	99
46) 1,1'-Biphenyl	13.269	154	334104	28.126	ng	99
49) Acenaphthylene	14.163	152	408930	28.565	ng	# 97
52) Acenaphthene	14.504	154	1668393	193.451	ng	100
53) 3-Nitroaniline	14.410	138	927	2.909	ng	# 55
54) 2,4-Dinitrophenol	14.739	184	66	5.874	ng	# 1
55) Dibenzofuran	14.845	168	2254119	160.195	ng	99
56) 4-Nitrophenol	14.845	139	846278	444.631	ng	# 3
57) 2,4-Dinitrotoluene	14.839	165	7335	4.794	ng	# 1
58) Fluorene	15.498	166	2584680	232.843	ng	99
62) 4-Nitroaniline	15.498	138	30037	15.414	ng	# 16
66) n-Nitrosodiphenylamine	15.704	169	42498	4.527	ng	# 1
71) Phenanthrene	17.345	178	6360852	379.269	ng	99
72) Anthracene	17.345	178	6360852	383.480	ng	99
73) Carbazole	17.621	167	2574122	171.459	ng	100
75) Fluoranthene	19.286	202	19621525	1041.358	ng	89
78) Pyrene	19.650	202	19302025	853.309	ng	# 88
81) Benzo(a)anthracene	21.409	228	11229933	512.123	ng	97
83) Chrysene	21.462	228	10428991	491.705	ng	95
84) Bis(2-ethylhexyl)phtha...	21.286	149	4825	2.887	ng	# 30
87) Indeno(1,2,3-cd)pyrene	26.256	276	6419803	210.390	ng	# 91
88) Benzo(b)fluoranthene	23.086	252	12897902	523.125	ng	97
89) Benzo(k)fluoranthene	23.086	252	12897902	511.409	ng	97
90) Benzo(a)pyrene	23.585	252	6246636	263.677	ng	98
91) Dibenzo(a,h)anthracene	26.515	278	1035234	40.675	ng	94
92) Benzo(g,h,i)perylene	27.009	276	6374656	255.974	ng	# 94

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QLast Update : Wed Aug 09 12:20:12 2023
Response via : Initial Calibration

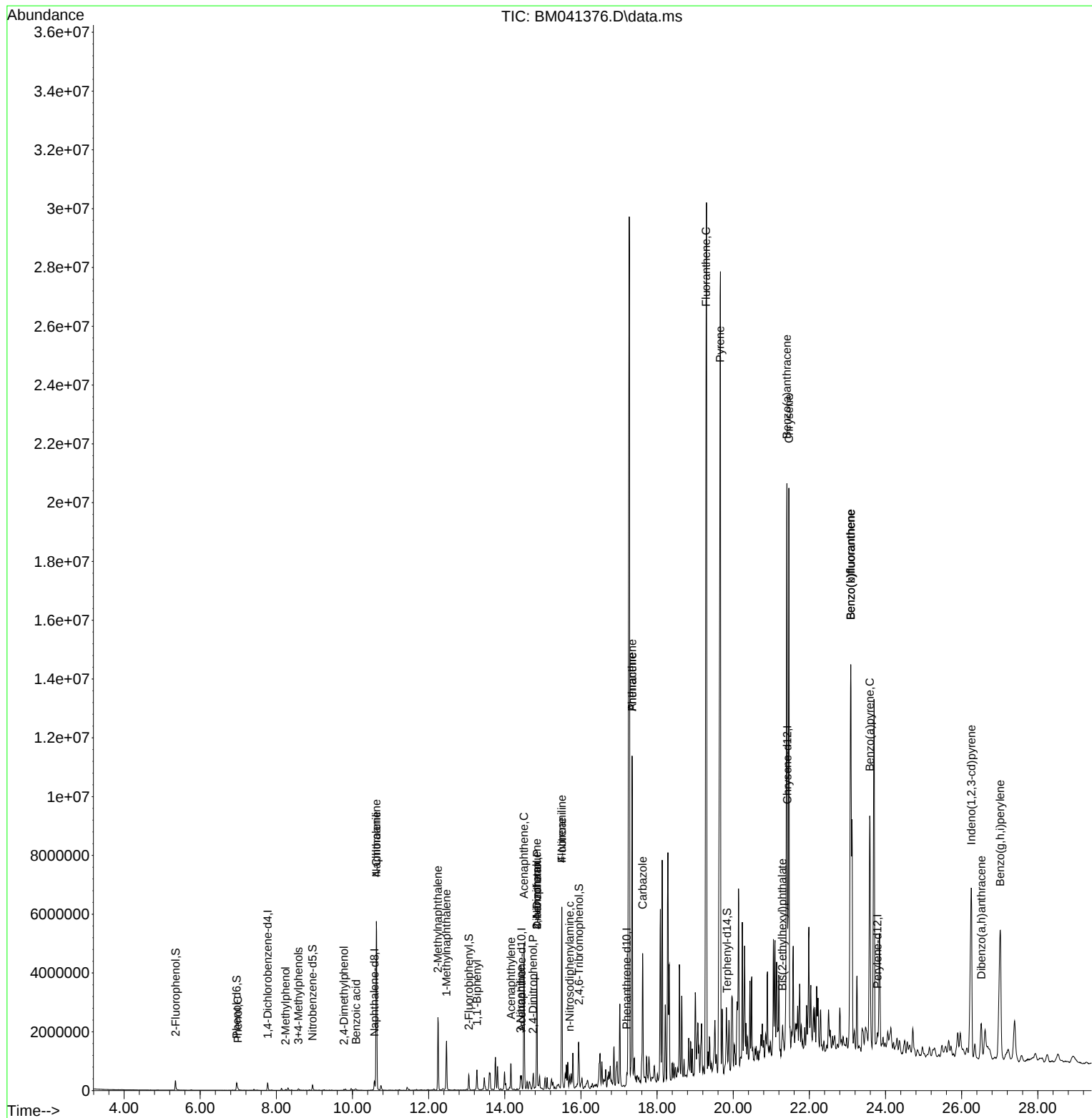
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

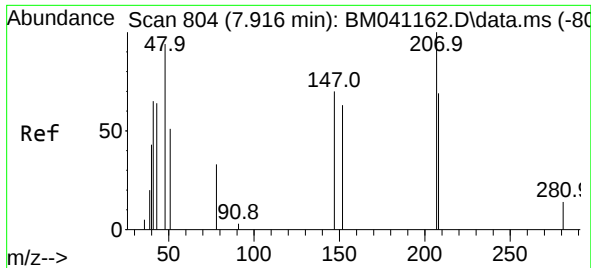
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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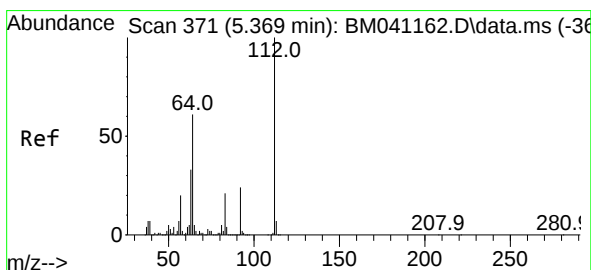
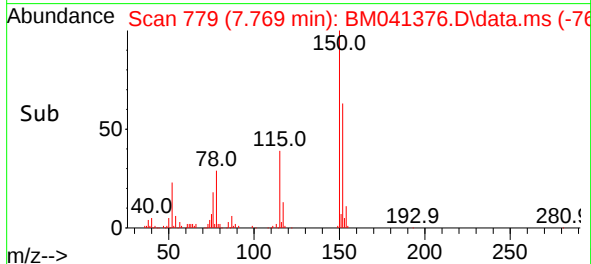
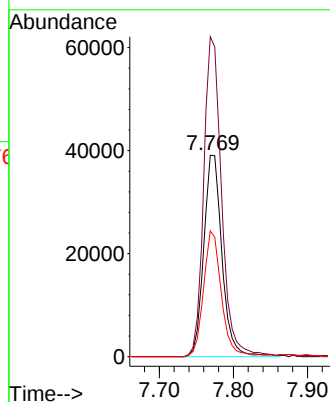
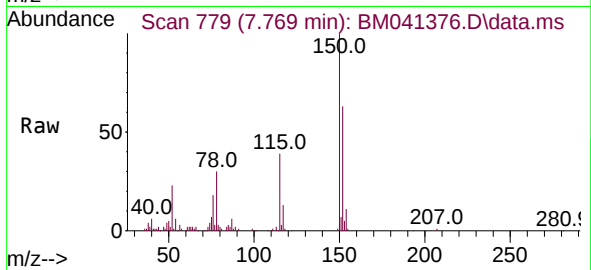




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

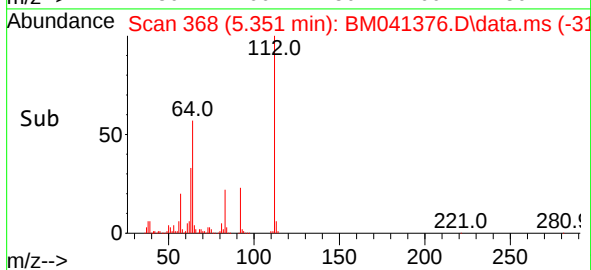
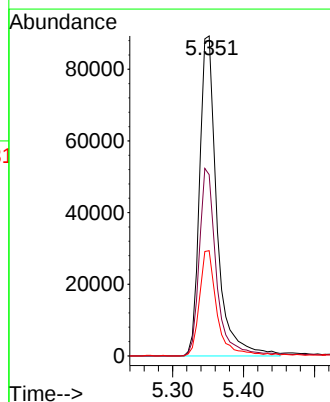
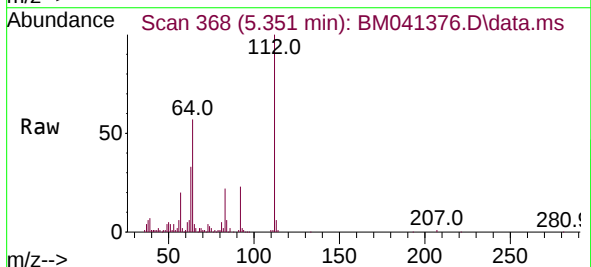
Instrument :
BNA_M
ClientSampleId :
WC-19

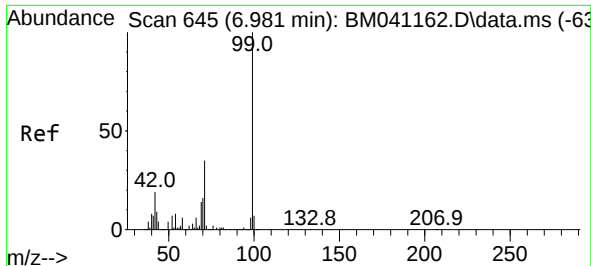
Tgt Ion:152 Resp: 66880
Ion Ratio Lower Upper
152 100
150 158.9 125.5 188.3
115 62.4 48.0 72.0



#5
2-Fluorophenol
Concen: 33.720 ng
RT: 5.351 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

Tgt Ion:112 Resp: 150891
Ion Ratio Lower Upper
112 100
64 56.6 48.5 72.7
63 32.9 26.5 39.7

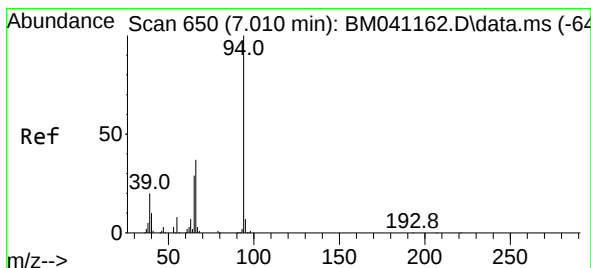
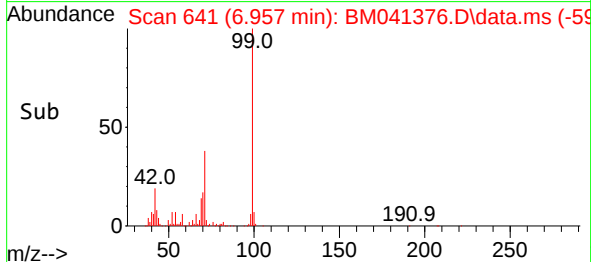
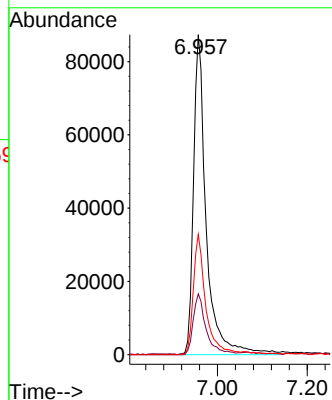
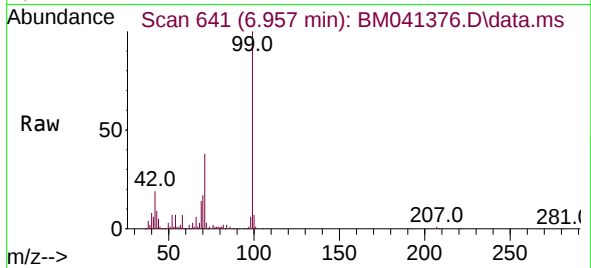




#7
Phenol-d6
Concen: 29.592 ng
RT: 6.957 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

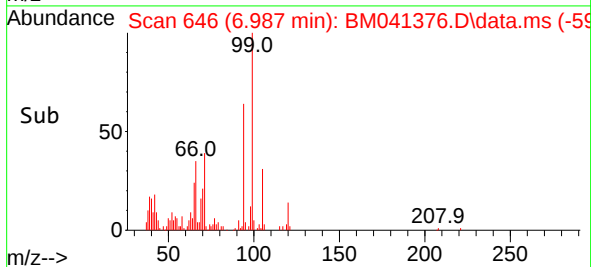
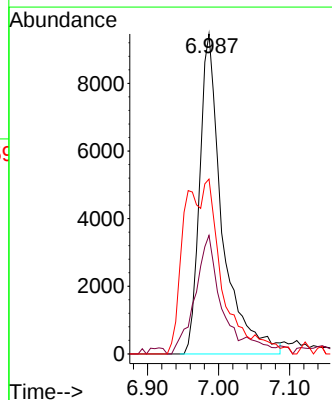
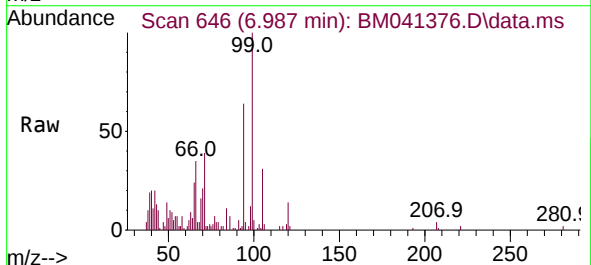
Instrument :
BNA_M
ClientSampleId :
WC-19

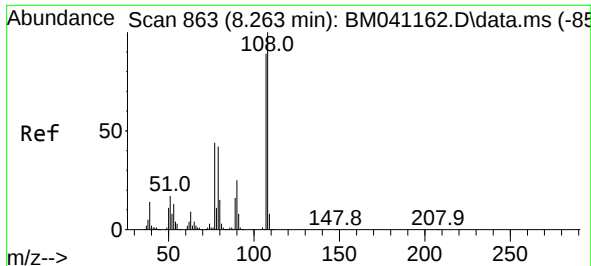
Tgt Ion: 99 Resp: 171649
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.0
71 37.6 28.2 42.4



#10
Phenol
Concen: 3.724 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.006 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

Tgt Ion: 94 Resp: 20864
Ion Ratio Lower Upper
94 100
65 37.0 9.5 49.5
66 54.6 18.0 58.0

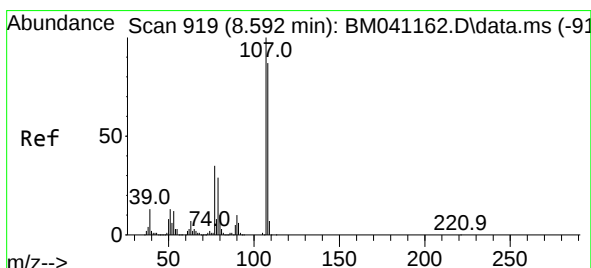
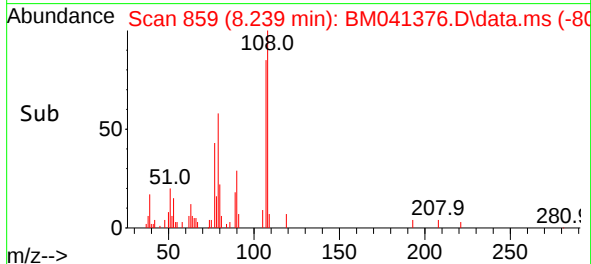
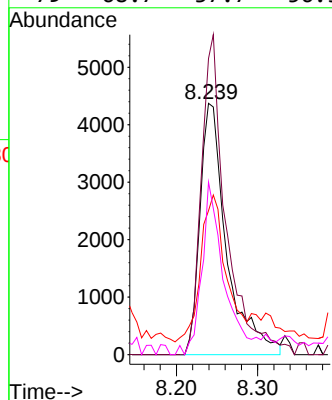
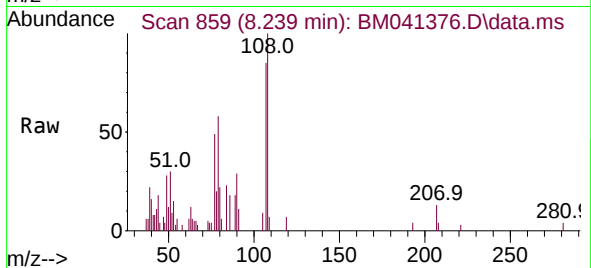




#17
2-Methylphenol
Concen: 2.610 ng
RT: 8.239 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

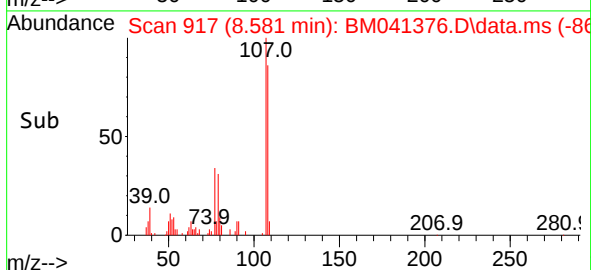
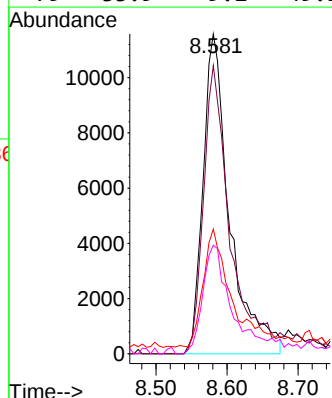
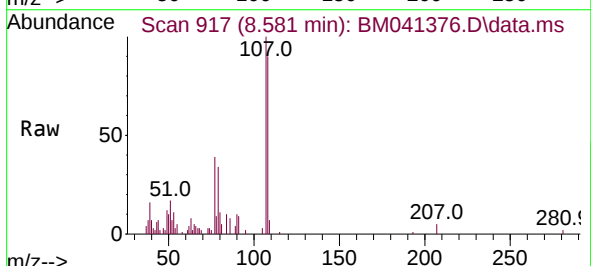
Instrument :
BNA_M
ClientSampleId :
WC-19

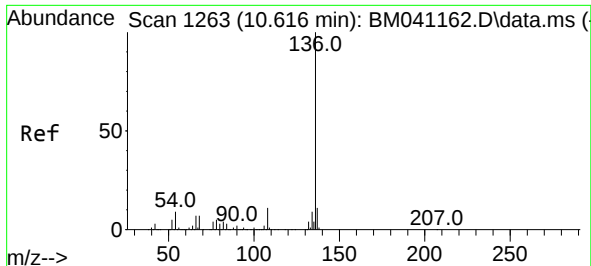
Tgt Ion:	107	Resp:	9989
Ion	Ratio	Lower	Upper
107	100		
108	117.9	89.9	134.9
77	57.3	39.8	59.8
79	68.7	37.7	56.5



#20
3+4-Methylphenols
Concen: 5.879 ng
RT: 8.581 min Scan# 917
Delta R.T. 0.006 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

Tgt Ion:	107	Resp:	30085
Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.2	107.2
77	39.0	15.4	55.4
79	33.9	9.2	49.2

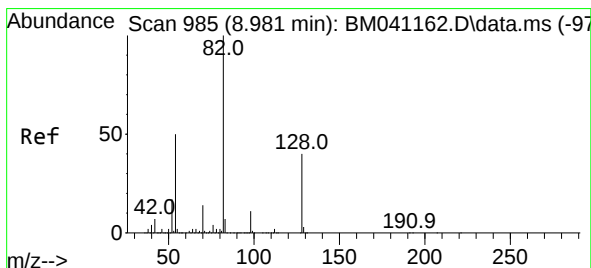
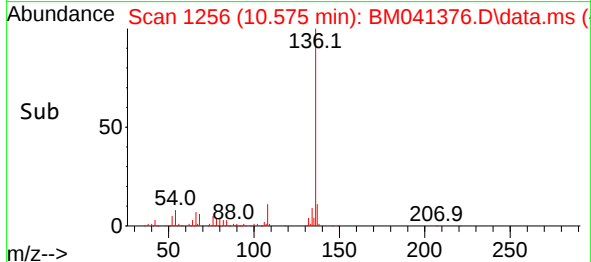
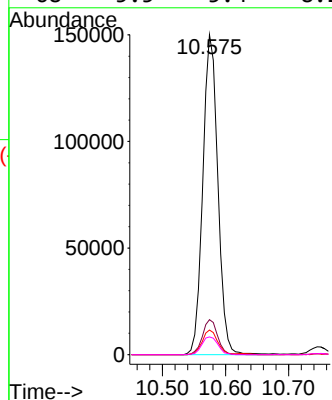
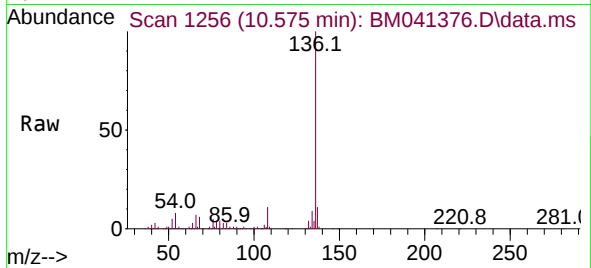




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

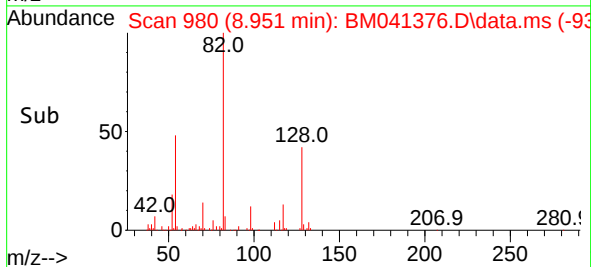
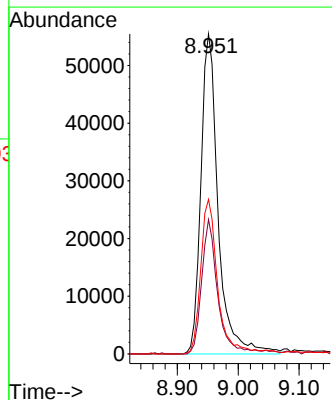
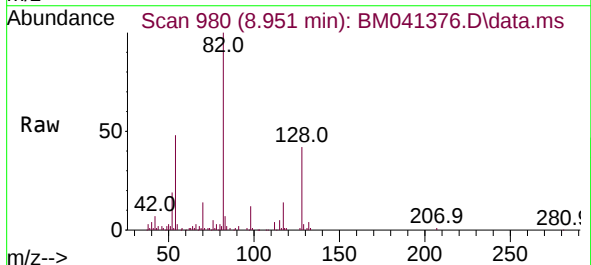
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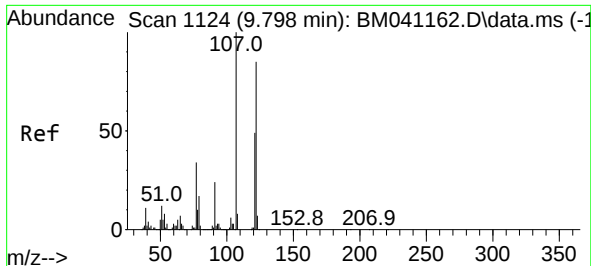
Tgt Ion:136	Resp:	248160
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	7.7	6.9 10.3
68	5.5	5.4 8.2



#23
Nitrobenzene-d5
Concen: 20.403 ng
RT: 8.951 min Scan# 980
Delta R.T. -0.006 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

Tgt Ion: 82	Resp:	108877
Ion	Ratio	Lower Upper
82	100	
128	42.0	31.8 47.6
54	48.3	40.1 60.1





#27

2,4-Dimethylphenol

Concen: 2.220 ng

RT: 9.775 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

WC-19

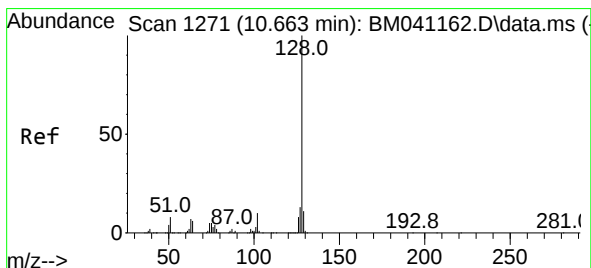
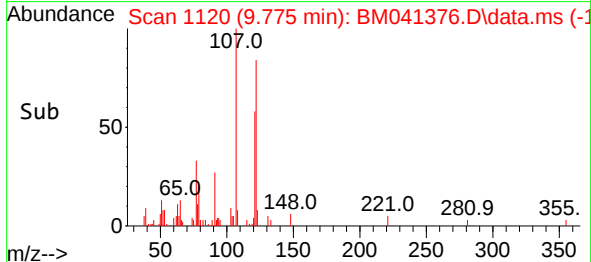
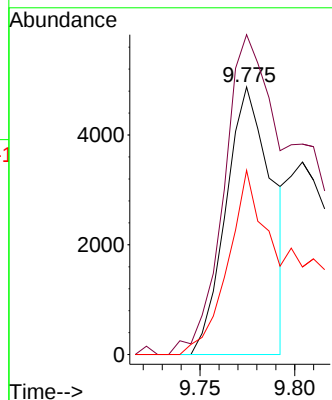
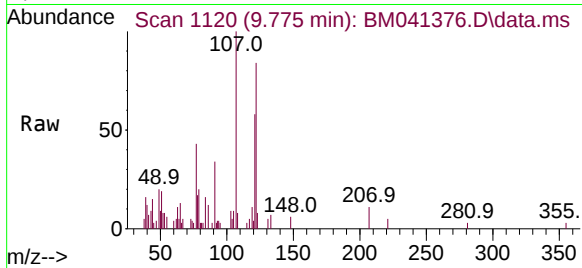
Tgt Ion:122 Resp: 8241

Ion Ratio Lower Upper

122 100

107 119.6 94.3 141.5

121 68.9 45.8 68.8#



#31

Naphthalene

Concen: 327.651 ng

RT: 10.627 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

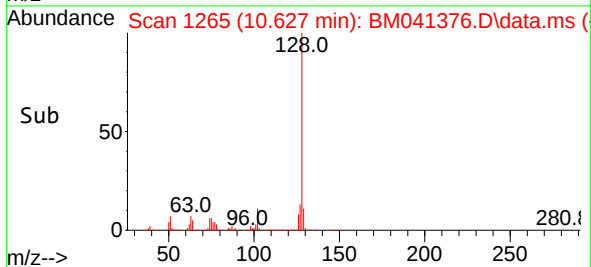
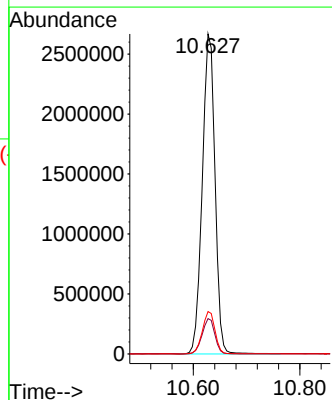
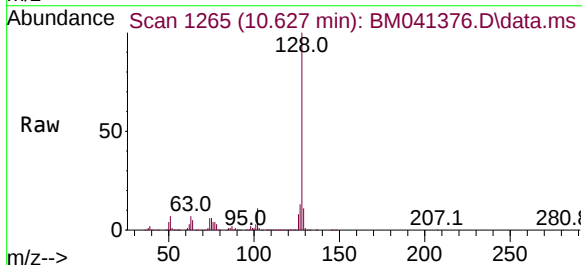
Tgt Ion:128 Resp: 4412333

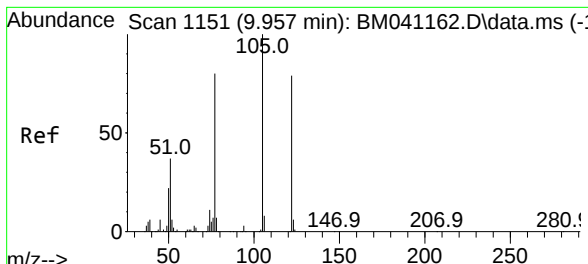
Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

127 13.2 10.5 15.7

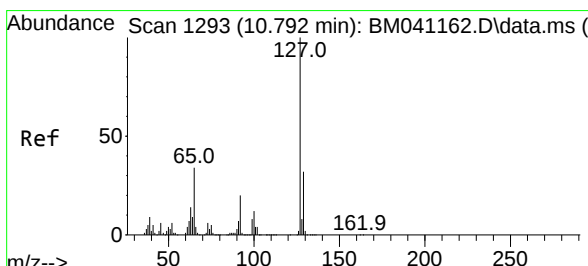
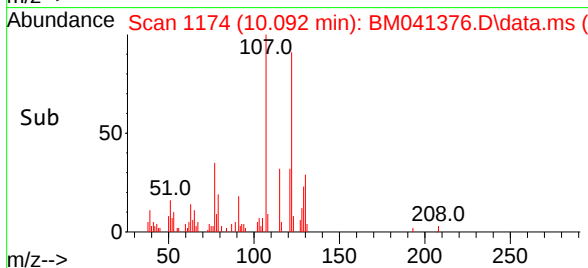
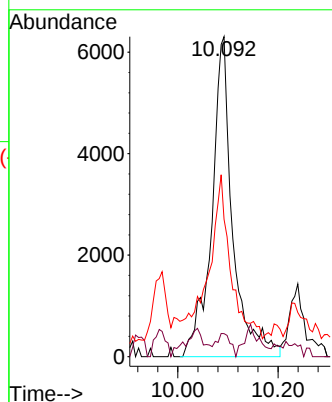
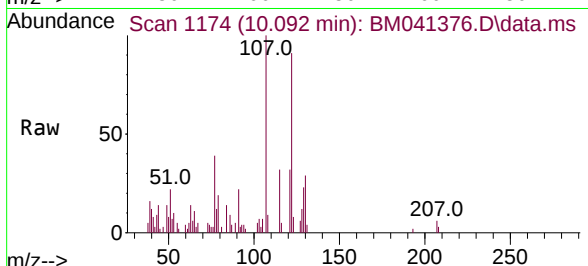




#32
Benzoic acid
Concen: 12.737 ng
RT: 10.092 min Scan# 1151
Delta R.T. 0.135 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

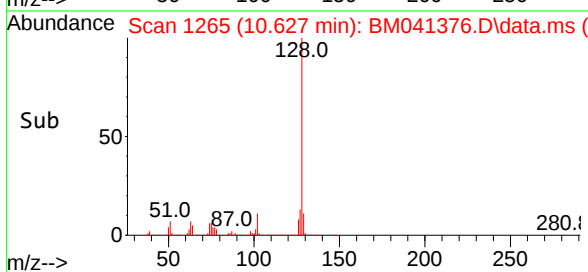
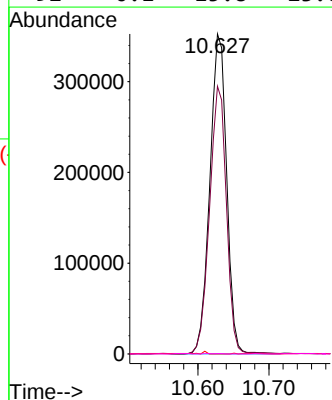
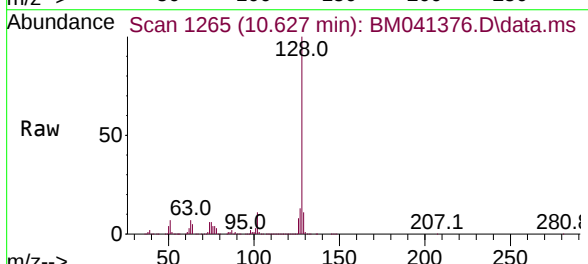
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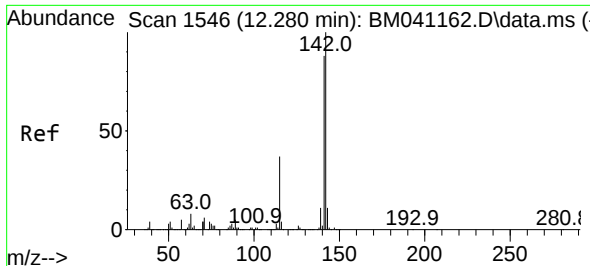
Tgt Ion:122 Resp: 18289
Ion Ratio Lower Upper
122 100
105 7.2 104.0 144.0#
77 43.0 79.9 119.9#



#33
4-Chloroaniline
Concen: 107.782 ng
RT: 10.627 min Scan# 1265
Delta R.T. -0.141 min
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Tgt Ion:127 Resp: 580049
Ion Ratio Lower Upper
127 100
129 83.6 25.9 38.9#
65 0.0 26.9 40.3#
92 0.1 15.8 23.6#

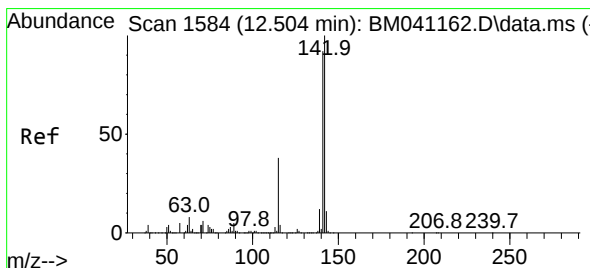
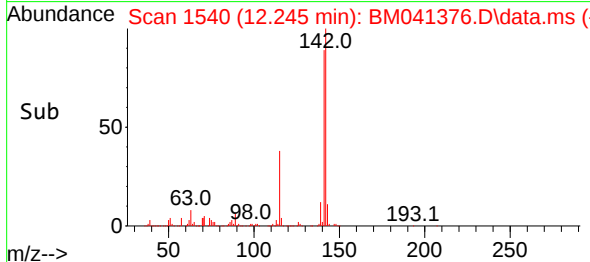
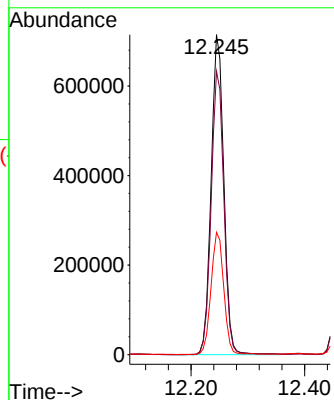
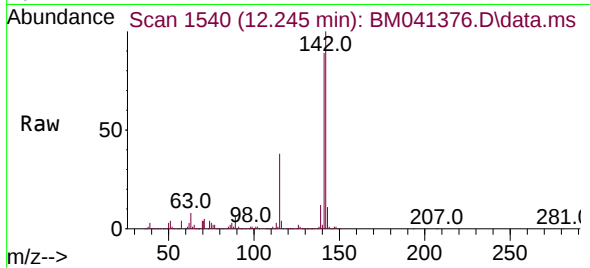




#37
2-Methylnaphthalene
Concen: 122.297 ng
RT: 12.245 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

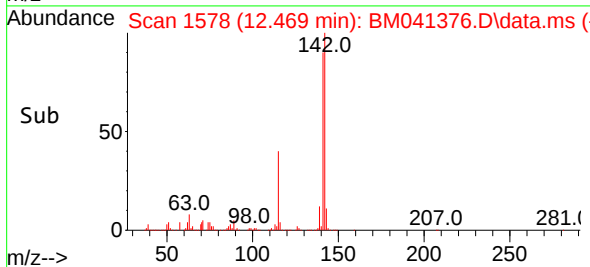
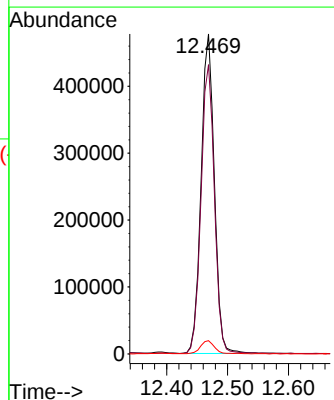
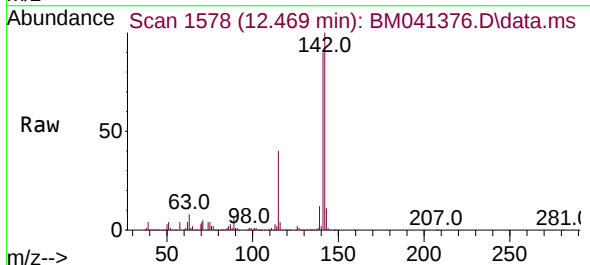
Instrument :
BNA_M
ClientSampleId :
WC-19

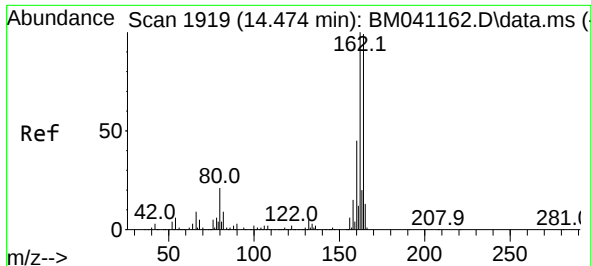
Tgt Ion:142 Resp: 1110326
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.1
115 38.2 29.3 43.9



#38
1-Methylnaphthalene
Concen: 84.701 ng
RT: 12.469 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

Tgt Ion:142 Resp: 719731
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.2
116 4.1 3.2 4.8

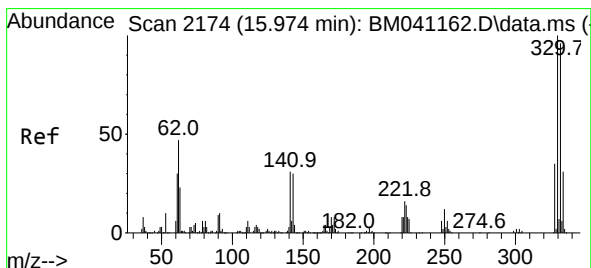
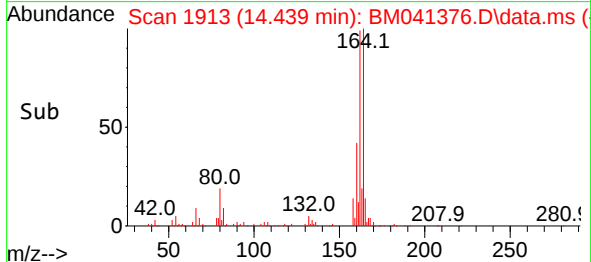
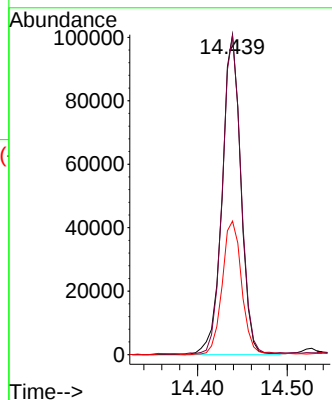
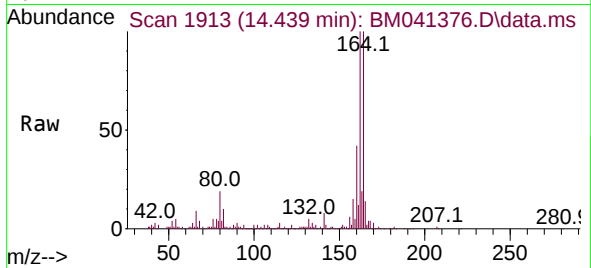




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

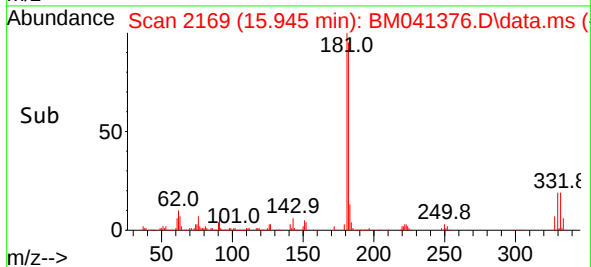
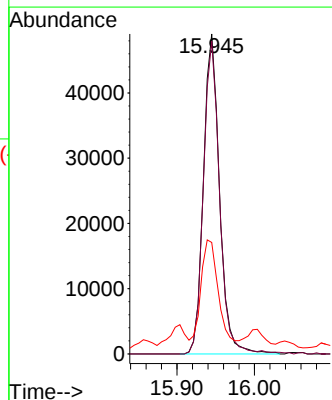
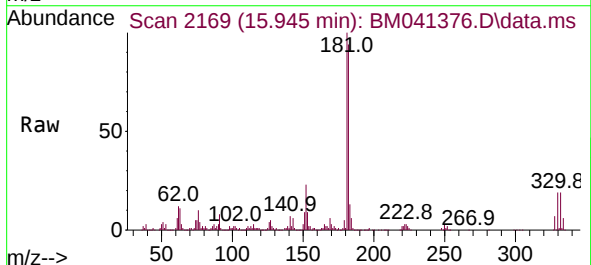
Instrument :
BNA_M
ClientSampleId :
WC-19

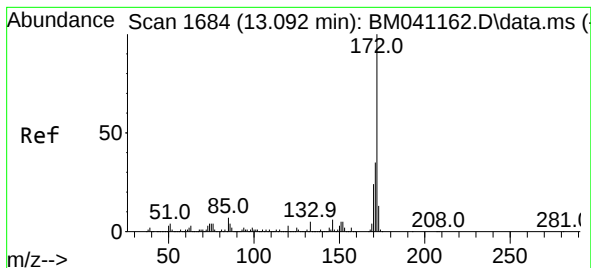
Tgt Ion:164 Resp: 146526
Ion Ratio Lower Upper
164 100
162 99.8 80.4 120.6
160 41.7 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 34.100 ng
RT: 15.945 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

Tgt Ion:330 Resp: 70674
Ion Ratio Lower Upper
330 100
332 98.3 77.7 116.5
141 36.4 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 22.681 ng

RT: 13.051 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

WC-19

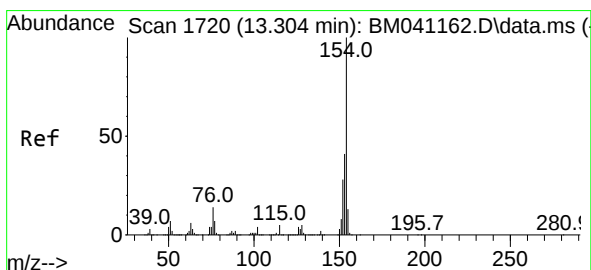
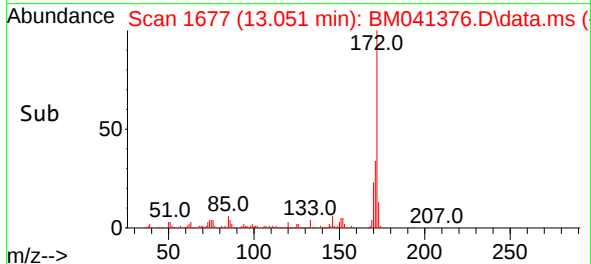
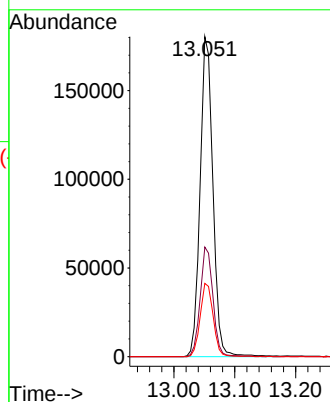
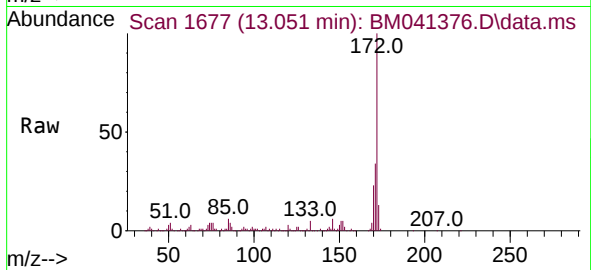
Tgt Ion:172 Resp: 263079

Ion Ratio Lower Upper

172 100

171 34.2 28.1 42.1

170 22.9 18.9 28.3



#46

1,1'-Biphenyl

Concen: 28.126 ng

RT: 13.269 min Scan# 1714

Delta R.T. -0.006 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

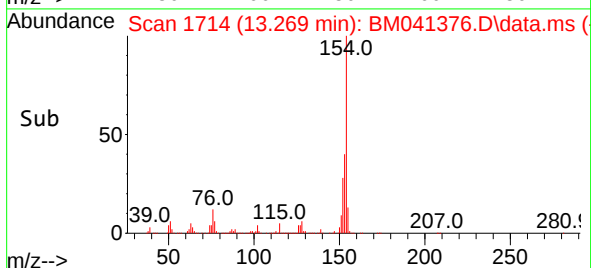
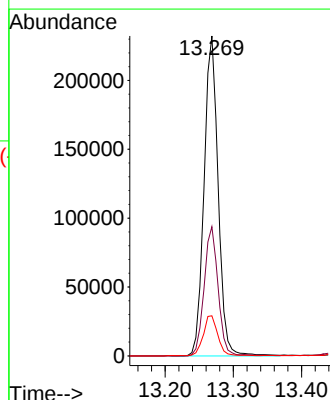
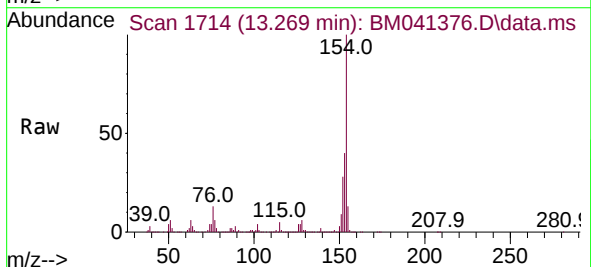
Tgt Ion:154 Resp: 334104

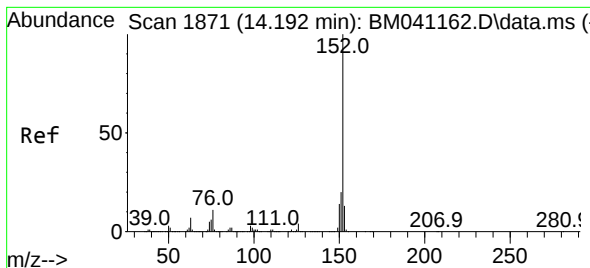
Ion Ratio Lower Upper

154 100

153 40.4 20.5 60.5

76 12.5 0.0 34.1





#49

Acenaphthylene

Concen: 28.565 ng

RT: 14.163 min Scan# 1866

Delta R.T. -0.006 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

WC-19

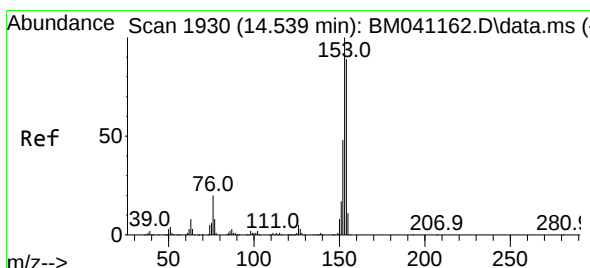
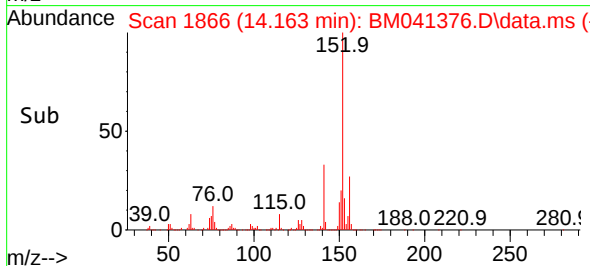
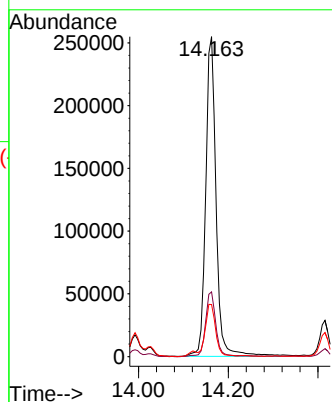
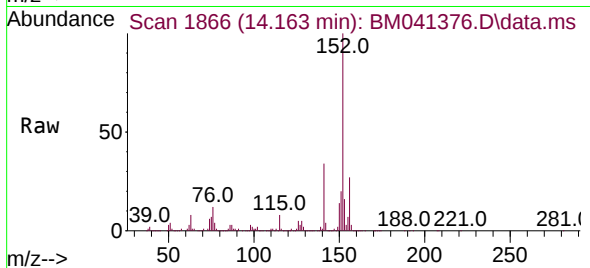
Tgt Ion:152 Resp: 408930

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 16.3 10.5 15.7#



#52

Acenaphthene

Concen: 193.451 ng

RT: 14.504 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

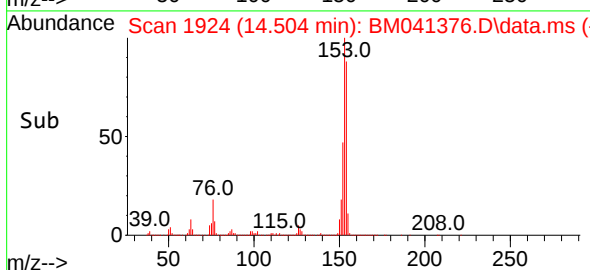
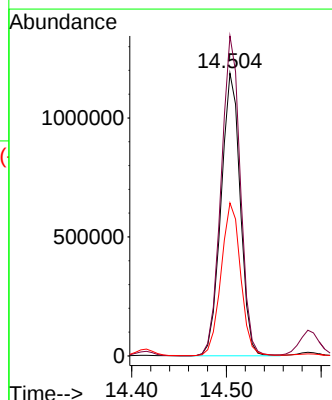
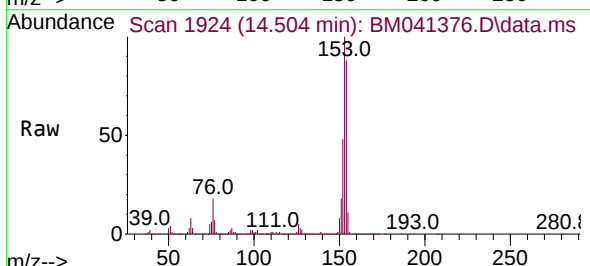
Tgt Ion:154 Resp: 1668393

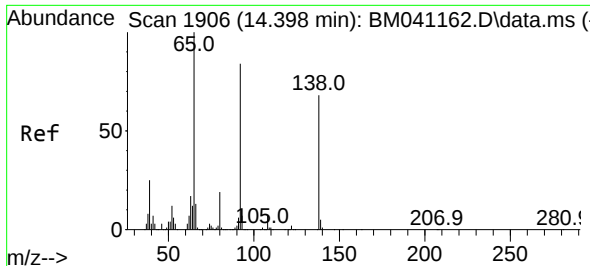
Ion Ratio Lower Upper

154 100

153 113.2 90.2 135.4

152 54.1 43.4 65.0

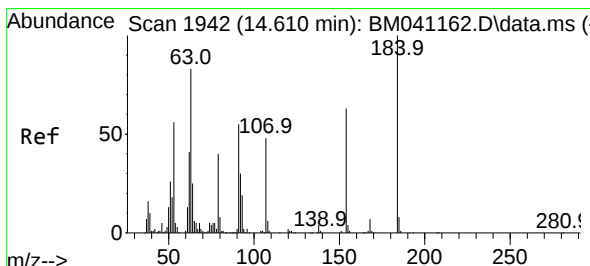
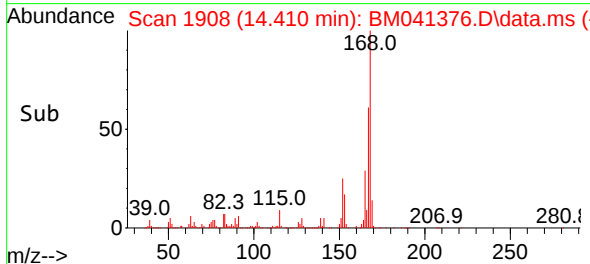
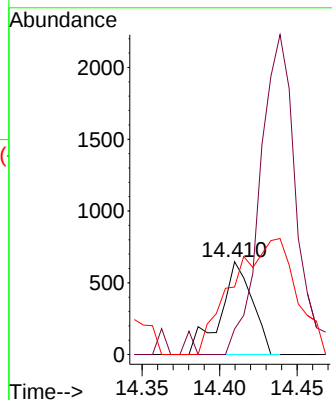
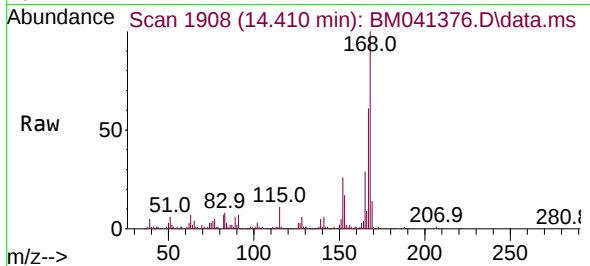




#53
3-Nitroaniline
Concen: 2.909 ng
RT: 14.410 min Scan# 1906
Delta R.T. 0.029 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

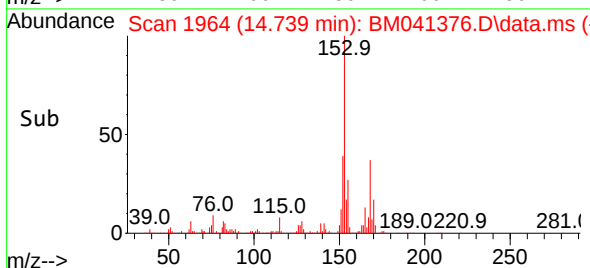
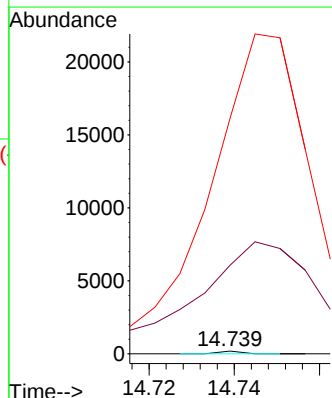
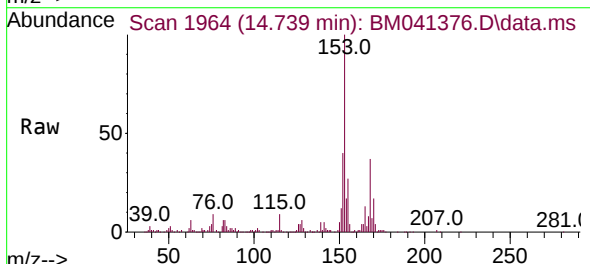
Instrument :
BNA_M
ClientSampleId :
WC-19

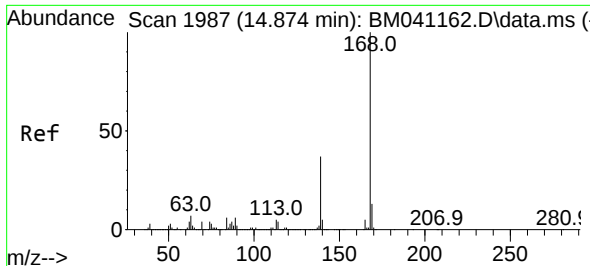
Tgt Ion:138 Resp: 927
Ion Ratio Lower Upper
138 100
108 27.7 7.6 11.4#
92 72.8 98.9 148.3#



#54
2,4-Dinitrophenol
Concen: 5.874 ng
RT: 14.739 min Scan# 1964
Delta R.T. 0.141 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 3245.5 66.5 99.7#
154 8617.6 52.8 79.2#

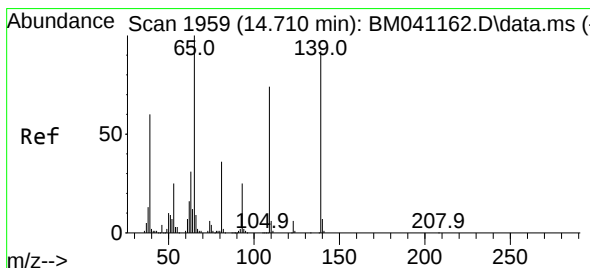
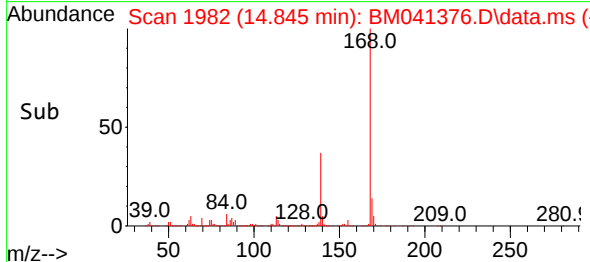
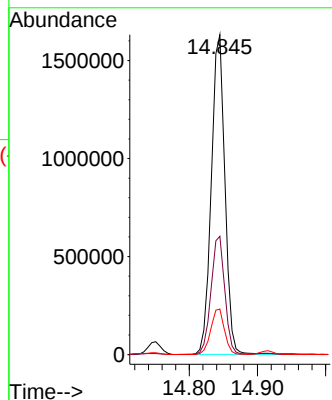
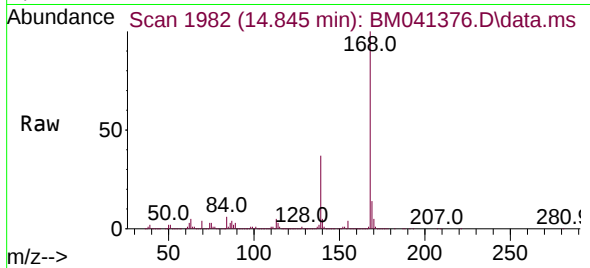




#55
Dibenzenofuran
Concen: 160.195 ng
RT: 14.845 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

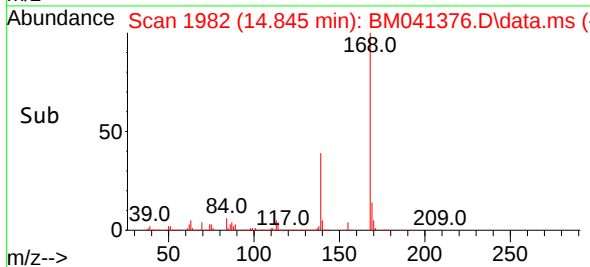
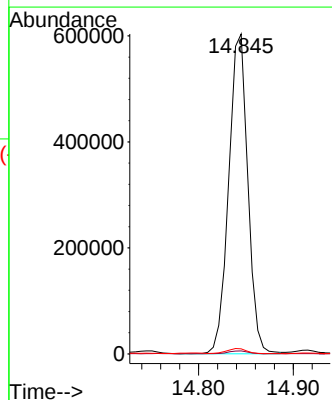
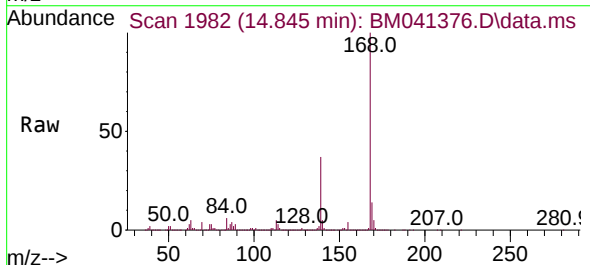
Instrument :
BNA_M
ClientSampleId :
WC-19

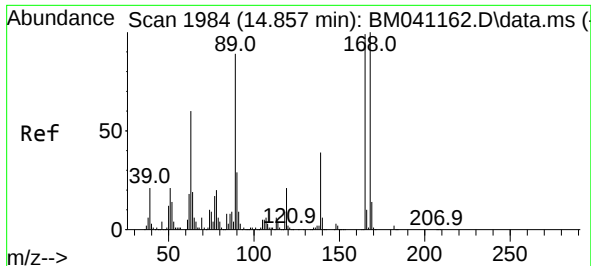
Tgt Ion:168 Resp: 2254119
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.6
169 14.2 10.5 15.7



#56
4-Nitrophenol
Concen: 444.631 ng
RT: 14.845 min Scan# 1982
Delta R.T. 0.129 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

Tgt Ion:139 Resp: 846278
Ion Ratio Lower Upper
139 100
109 1.0 61.2 101.2#
65 1.6 89.5 129.5#





#57

2,4-Dinitrotoluene

Concen: 4.794 ng

RT: 14.839 min Scan# 19

Delta R.T. -0.006 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

WC-19

Tgt Ion:165 Resp: 7335

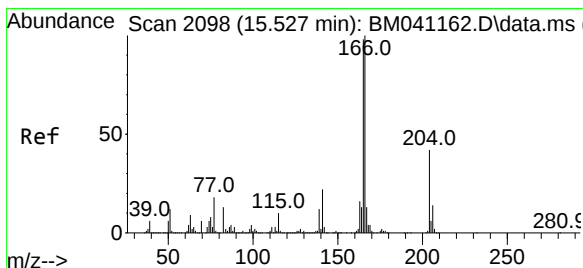
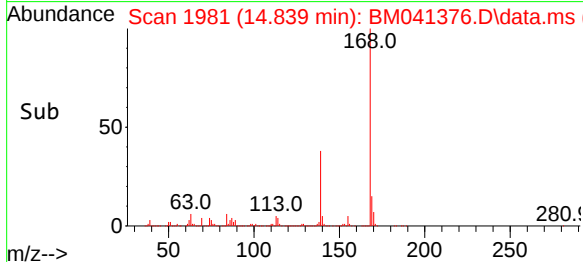
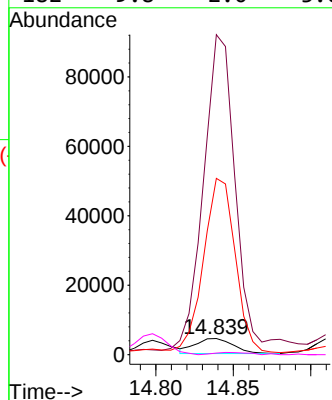
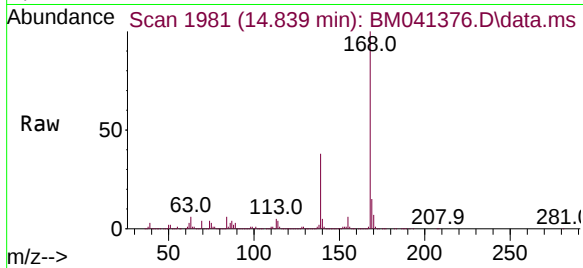
Ion Ratio Lower Upper

165 100

63 1989.6 48.3 72.5#

89 1095.6 71.8 107.8#

182 9.8 2.0 3.0#



#58

Fluorene

Concen: 232.843 ng

RT: 15.498 min Scan# 2093

Delta R.T. -0.000 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

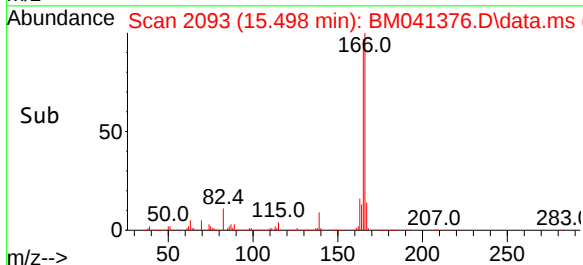
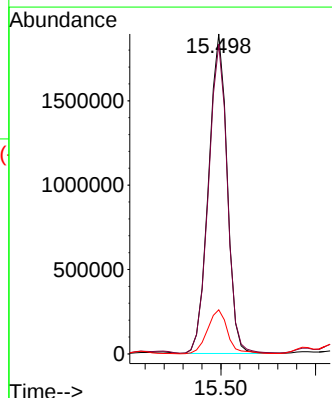
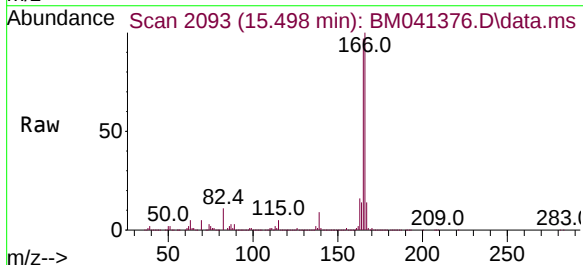
Tgt Ion:166 Resp: 2584680

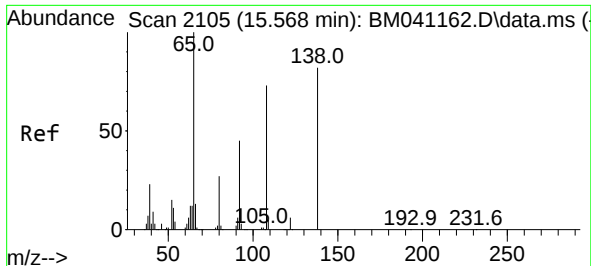
Ion Ratio Lower Upper

166 100

165 96.8 78.2 117.4

167 13.8 10.6 16.0

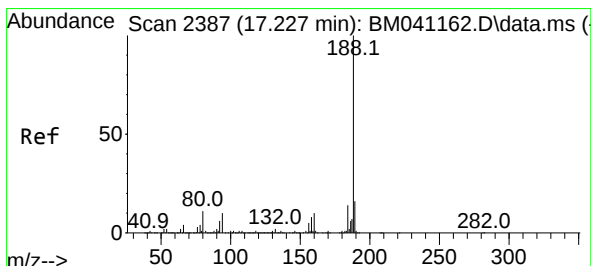
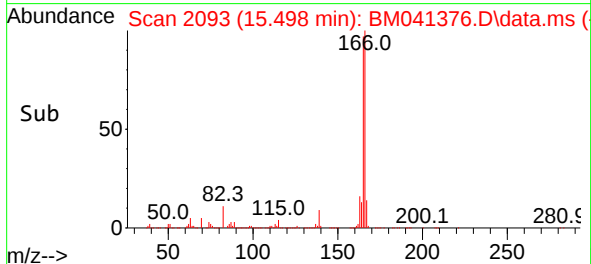
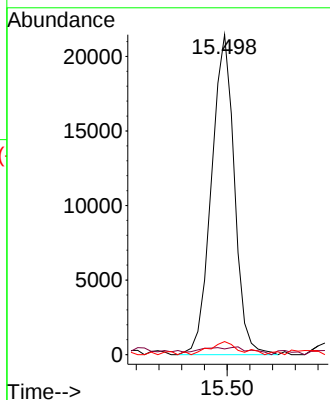
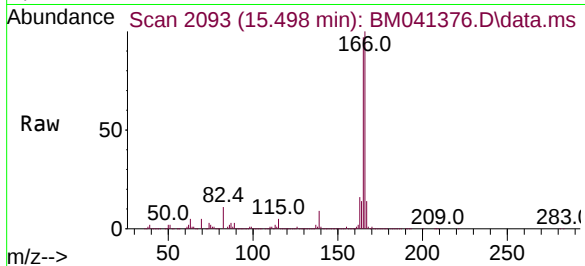




#62
4-Nitroaniline
Concen: 15.414 ng
RT: 15.498 min Scan# 20
Delta R.T. -0.053 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

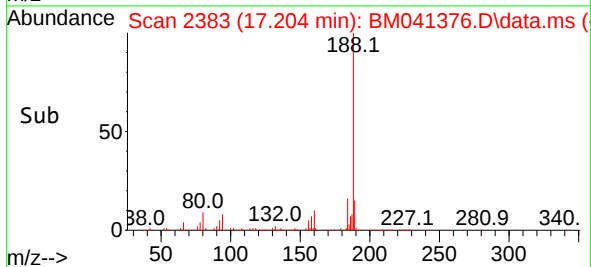
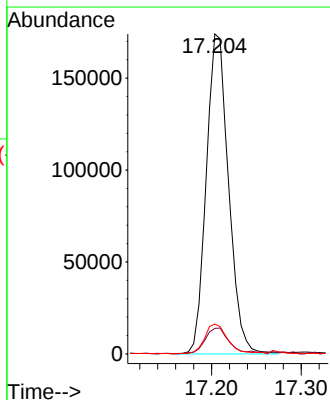
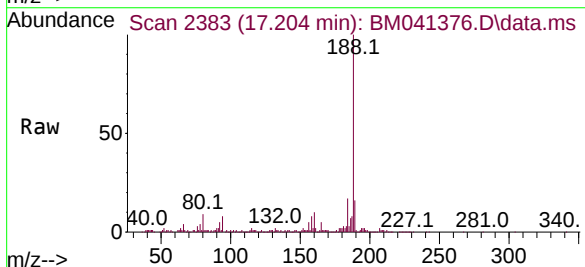
Instrument :
BNA_M
ClientSampleId :
WC-19

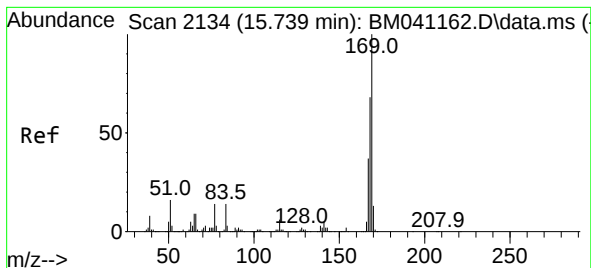
Tgt Ion:138 Resp: 30037
Ion Ratio Lower Upper
138 100
92 1.8 35.1 75.1#
108 4.1 67.8 107.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

Tgt Ion:188 Resp: 301857
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 9.3 8.6 13.0

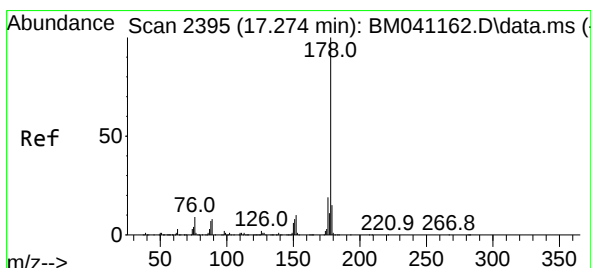
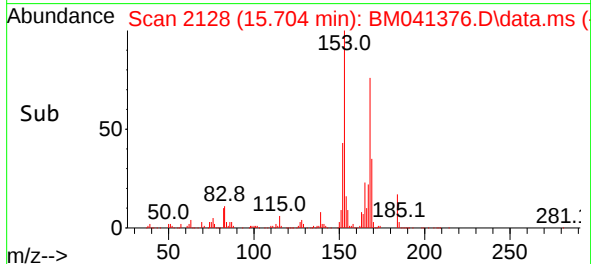
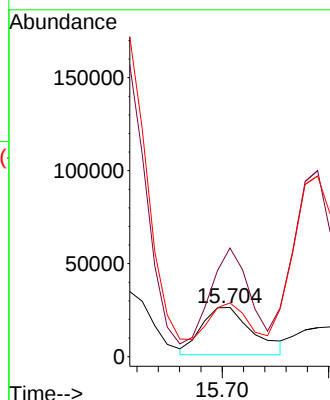
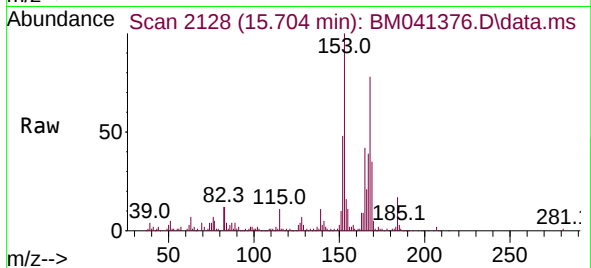




#66
n-Nitrosodiphenylamine
Concen: 4.527 ng
RT: 15.704 min Scan# 2134
Delta R.T. -0.018 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

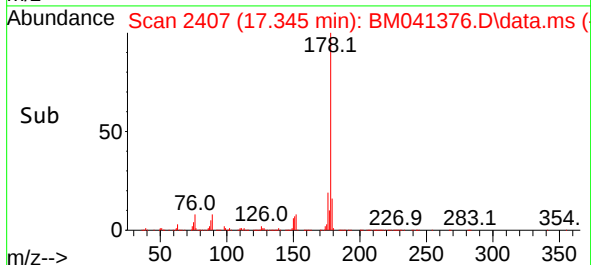
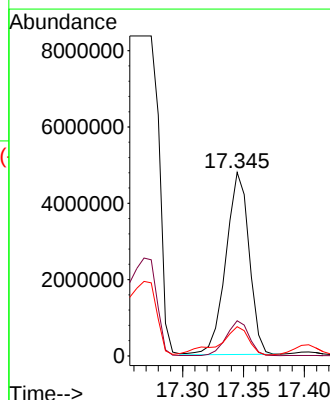
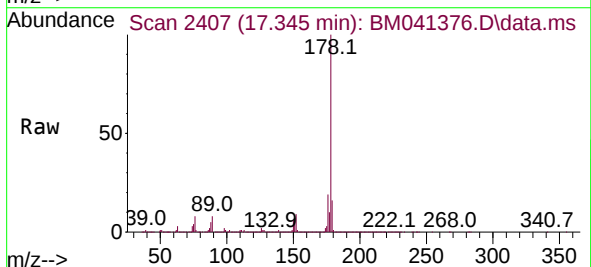
Instrument :
BNA_M
ClientSampleId :
WC-19

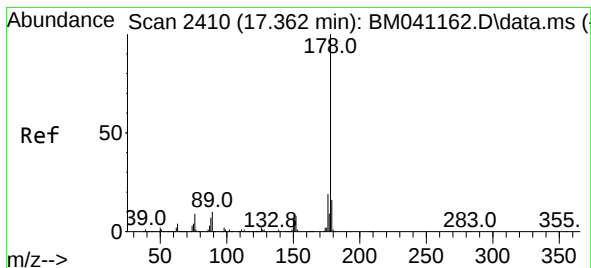
Tgt Ion:169 Resp: 42498
Ion Ratio Lower Upper
169 100
168 220.7 54.6 81.8#
167 109.2 29.9 44.9#



#71
Phenanthrene
Concen: 379.269 ng
RT: 17.345 min Scan# 2407
Delta R.T. 0.094 min
Lab File: BM041376.D
Acq: 10 Aug 2023 23:21

Tgt Ion:178 Resp: 6360852
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.9 12.1 18.1





#72

Anthracene

Concen: 383.480 ng

RT: 17.345 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

WC-19

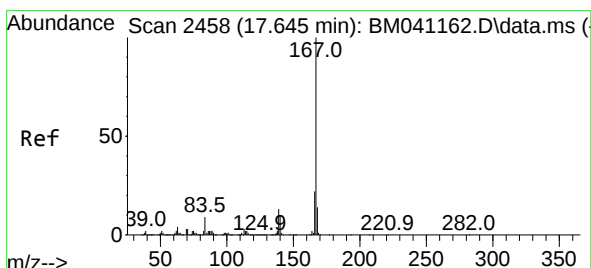
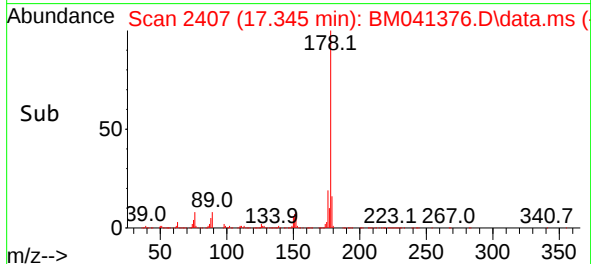
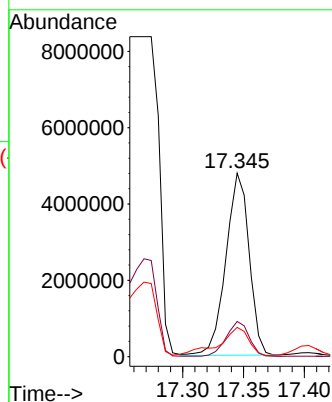
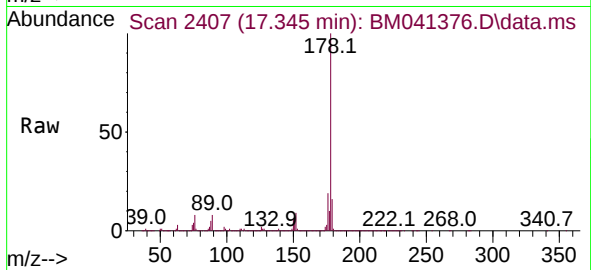
Tgt Ion:178 Resp: 6360852

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.9 12.4 18.6



#73

Carbazole

Concen: 171.459 ng

RT: 17.621 min Scan# 2454

Delta R.T. -0.006 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

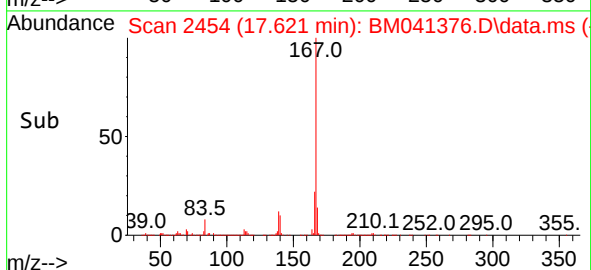
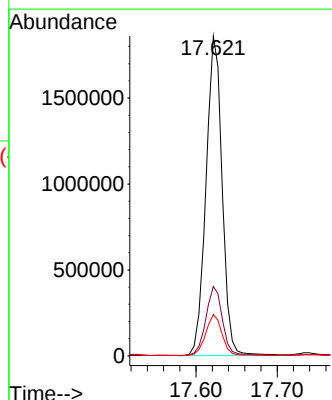
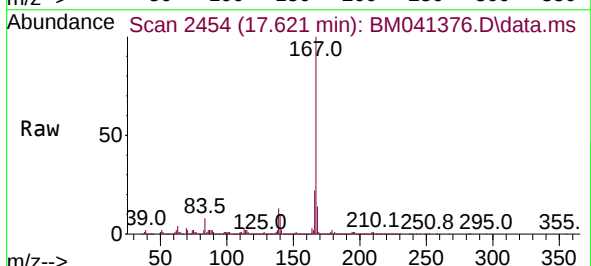
Tgt Ion:167 Resp: 2574122

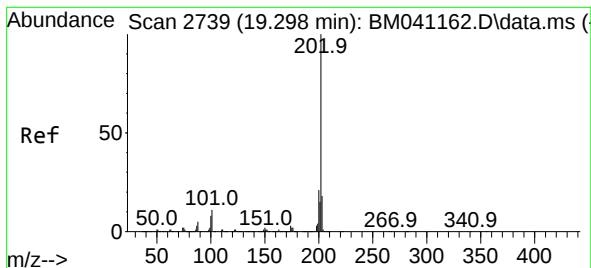
Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 13.0 10.3 15.5





#75

Fluoranthene

Concen: 1041.358 ng

RT: 19.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

WC-19

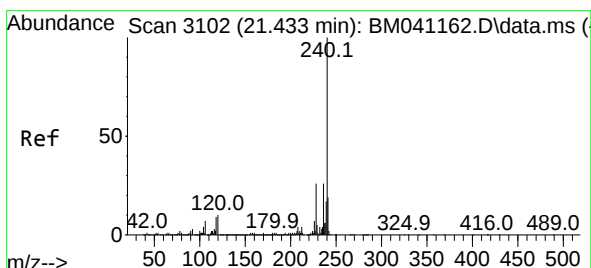
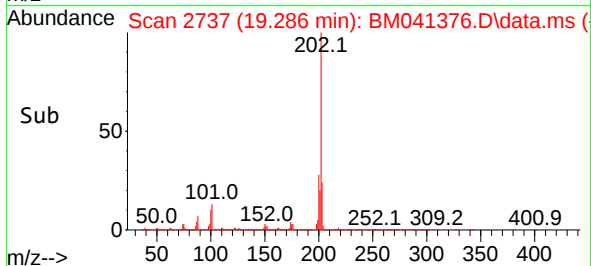
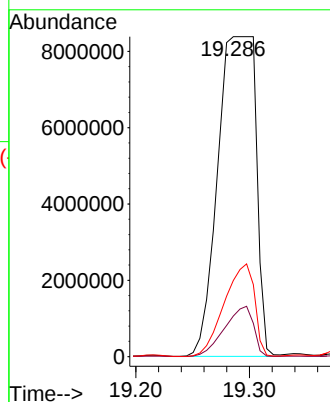
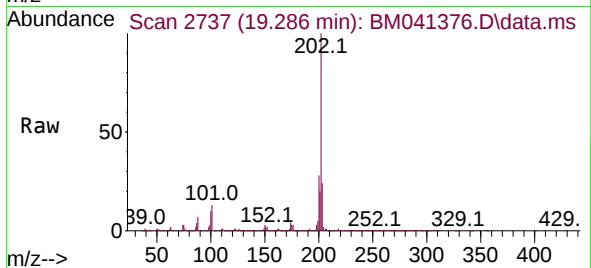
Tgt Ion:202 Resp:19621525

Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.8

203 23.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. 0.006 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

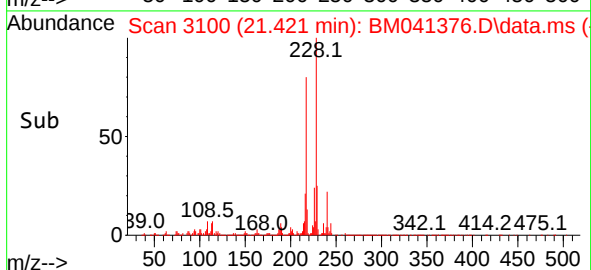
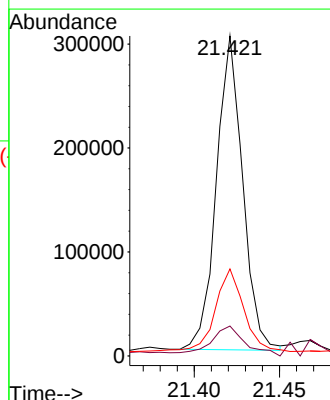
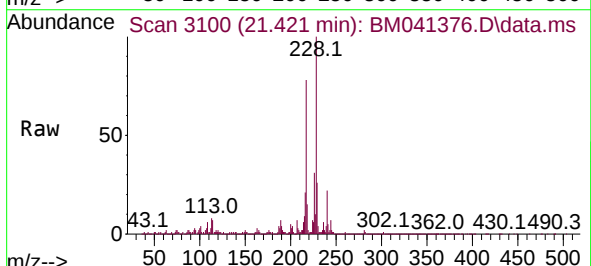
Tgt Ion:240 Resp: 323463

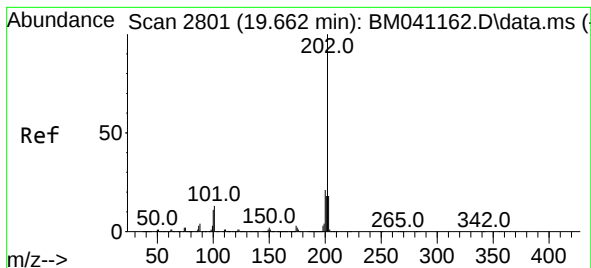
Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 27.2 20.6 30.8





#78

Pyrene

Concen: 853.309 ng

RT: 19.650 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

WC-19

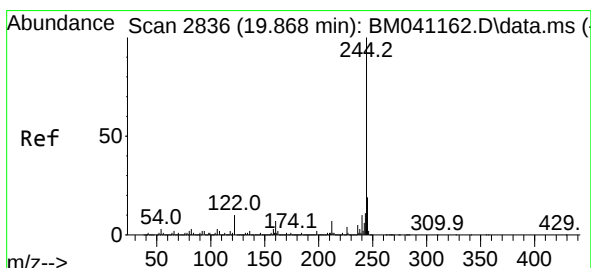
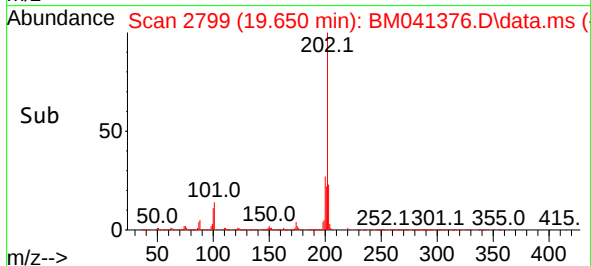
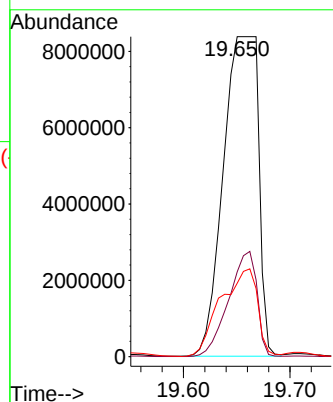
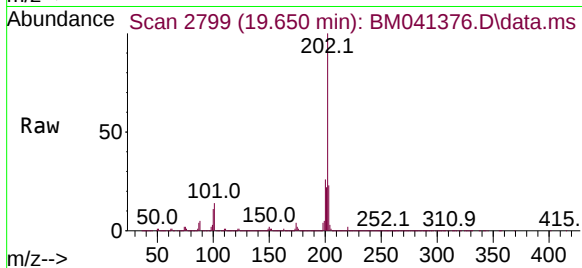
Tgt Ion:202 Resp:19302025

Ion Ratio Lower Upper

202 100

200 26.5 16.9 25.3#

203 22.9 14.1 21.1#



#79

Terphenyl-d14

Concen: 21.780 ng

RT: 19.839 min Scan# 2831

Delta R.T. -0.012 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

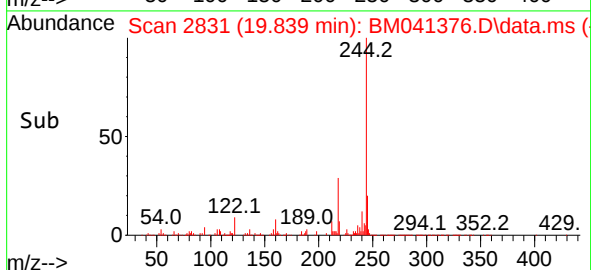
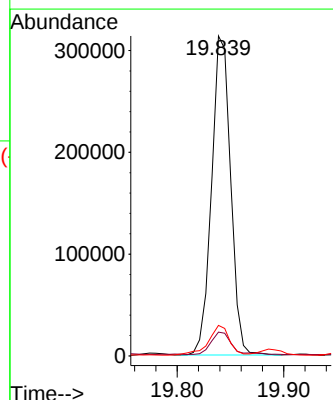
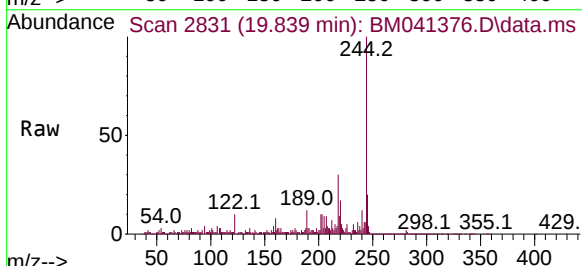
Tgt Ion:244 Resp: 389654

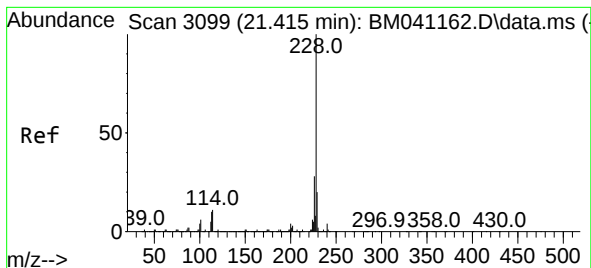
Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

122 9.6 7.8 11.6





#81

Benzo(a)anthracene

Concen: 512.123 ng

RT: 21.409 min Scan# 3099

Delta R.T. 0.006 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

WC-19

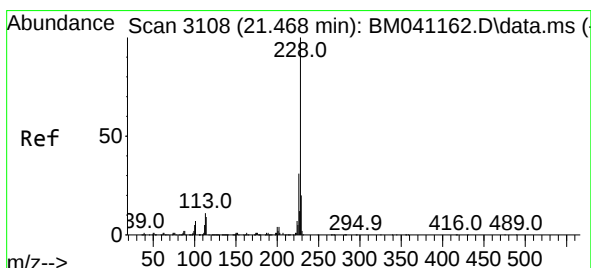
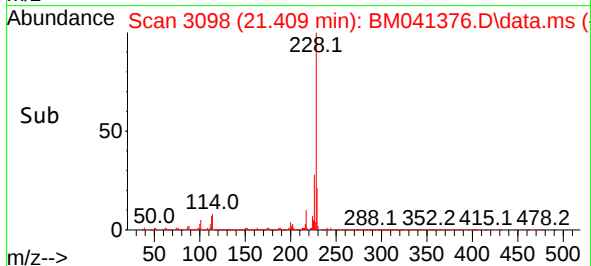
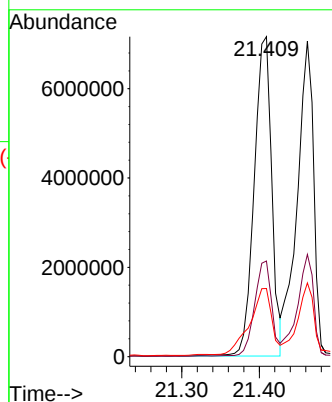
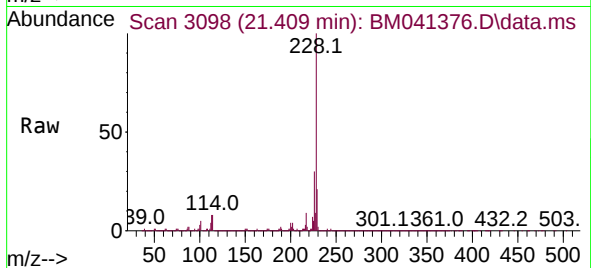
Tgt Ion:228 Resp:11229933

Ion Ratio Lower Upper

228 100

226 29.9 22.4 33.6

229 21.3 15.8 23.8



#83

Chrysene

Concen: 491.705 ng

RT: 21.462 min Scan# 3107

Delta R.T. 0.006 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

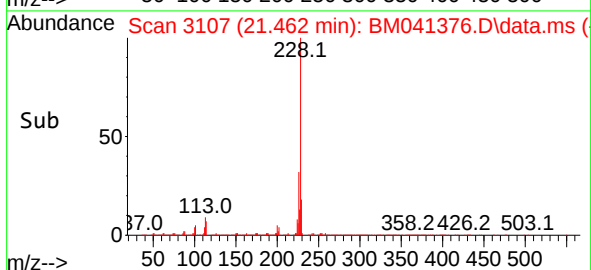
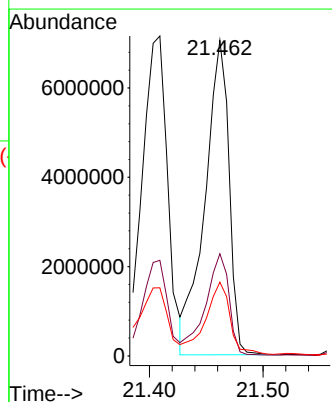
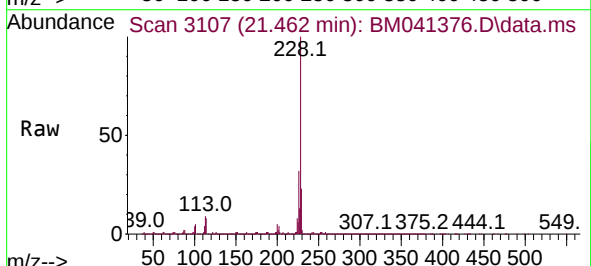
Tgt Ion:228 Resp:10428991

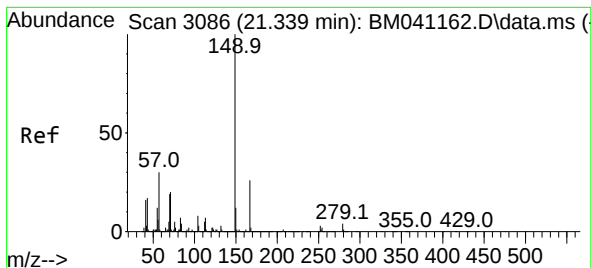
Ion Ratio Lower Upper

228 100

226 32.4 24.5 36.7

229 23.3 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.887 ng

RT: 21.286 min Scan# 30

Delta R.T. -0.035 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

WC-19

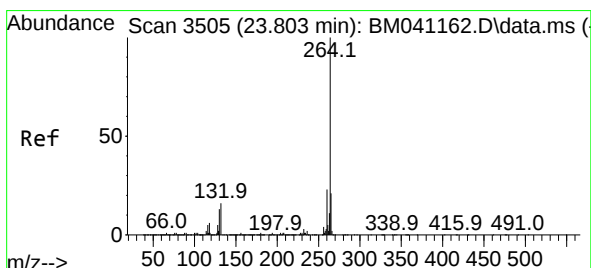
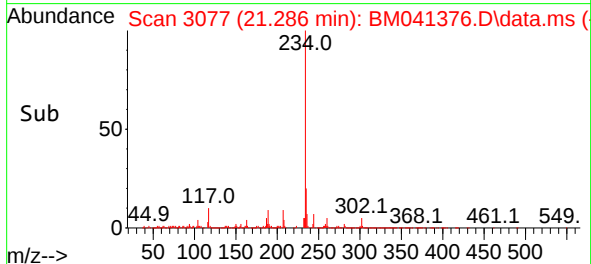
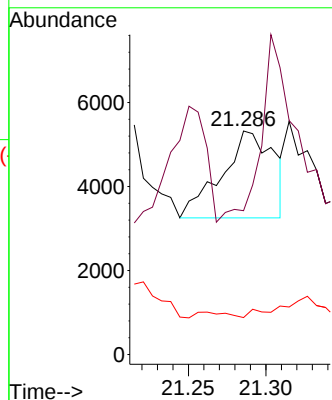
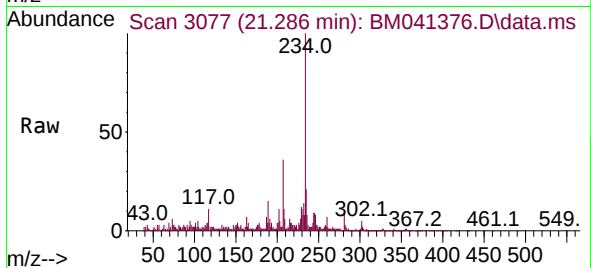
Tgt Ion:149 Resp: 4825

Ion Ratio Lower Upper

149 100

167 64.4 21.0 31.6#

279 16.6 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.785 min Scan# 3502

Delta R.T. 0.006 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

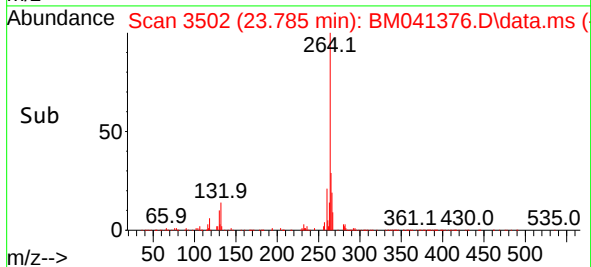
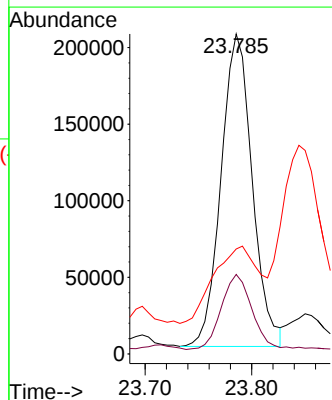
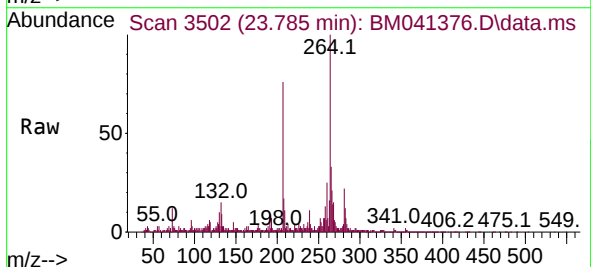
Tgt Ion:264 Resp: 415033

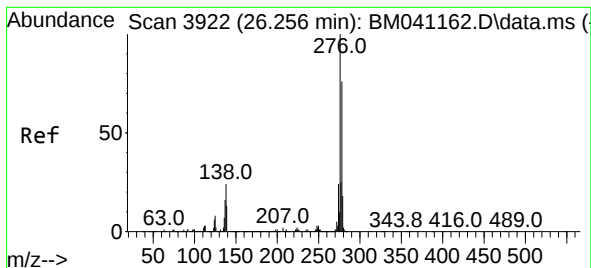
Ion Ratio Lower Upper

264 100

260 24.8 18.5 27.7

265 32.8 17.4 26.0#





#87

Indeno(1,2,3-cd)pyrene

Concen: 210.390 ng

RT: 26.256 min Scan# 3922

Delta R.T. 0.023 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

WC-19

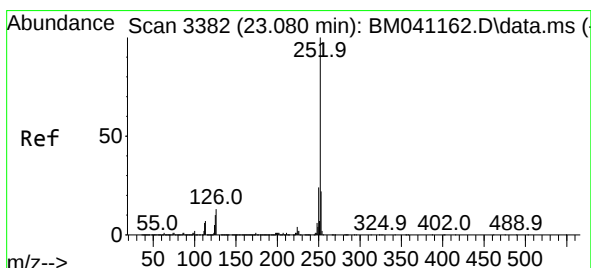
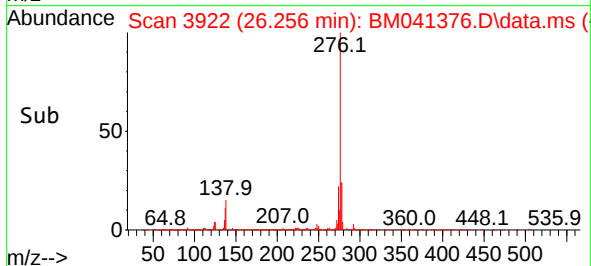
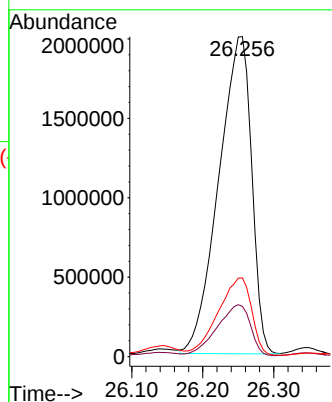
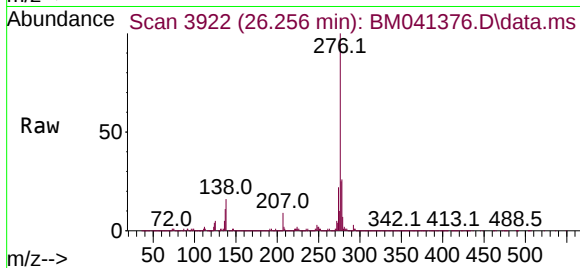
Tgt Ion:276 Resp: 6419803

Ion Ratio Lower Upper

276 100

138 16.4 20.0 30.0#

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 523.125 ng

RT: 23.086 min Scan# 3383

Delta R.T. 0.023 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

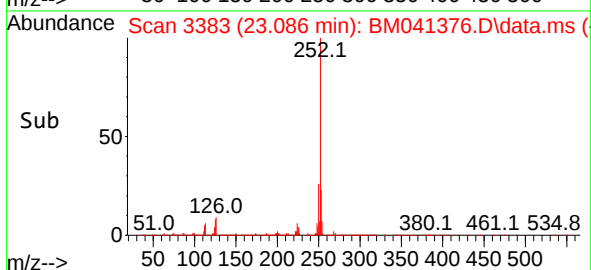
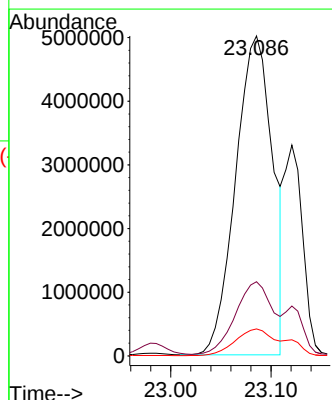
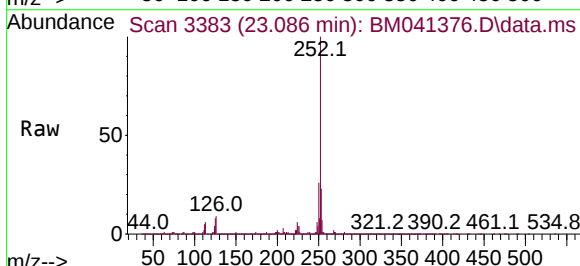
Tgt Ion:252 Resp:12897902

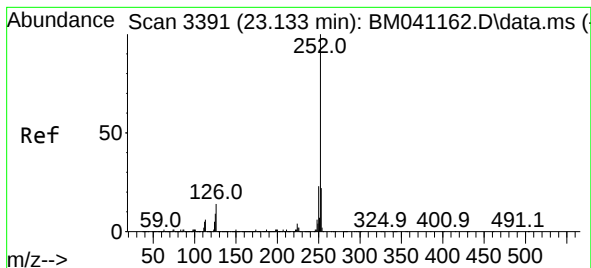
Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 8.4 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 511.409 ng

RT: 23.086 min Scan# 3391

Delta R.T. -0.024 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

WC-19

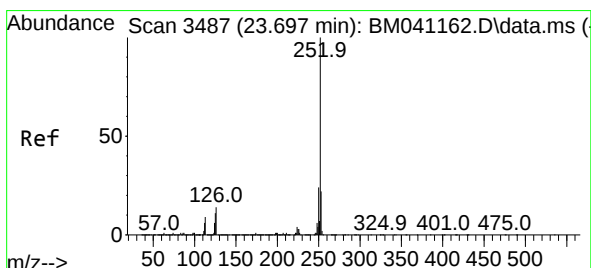
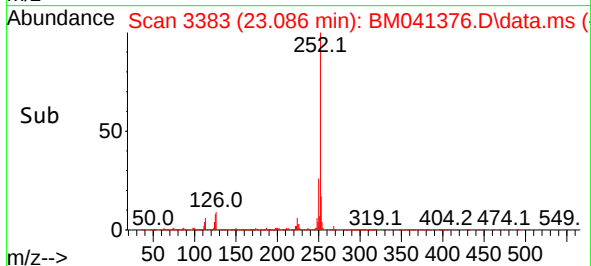
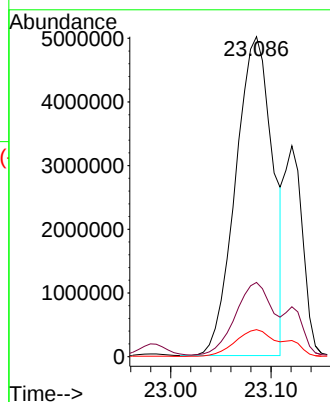
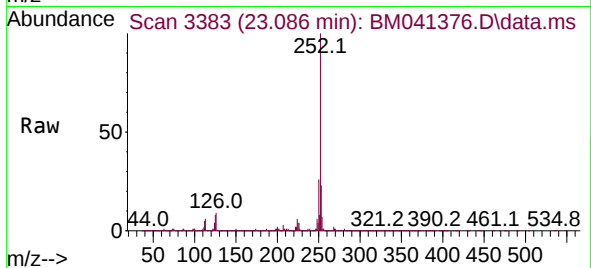
Tgt Ion:252 Resp:12897902

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

125 8.4 7.6 11.4



#90

Benzo(a)pyrene

Concen: 263.677 ng

RT: 23.585 min Scan# 3468

Delta R.T. -0.094 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

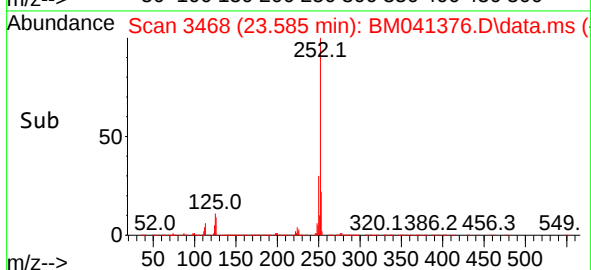
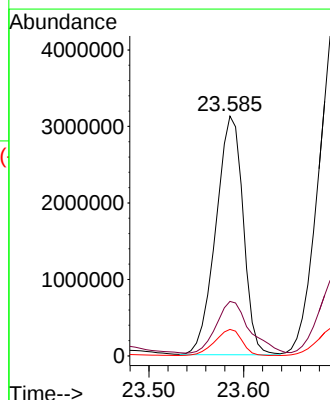
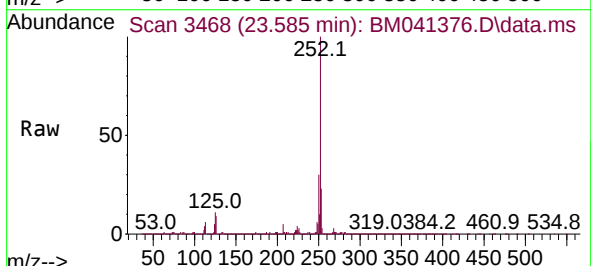
Tgt Ion:252 Resp: 6246636

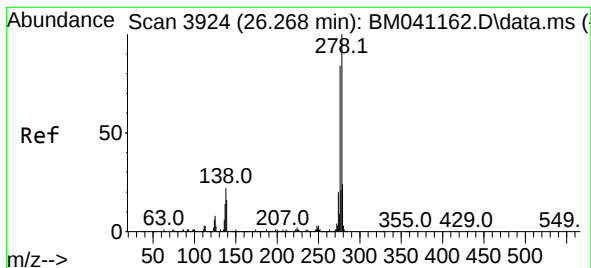
Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 11.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 40.675 ng

RT: 26.515 min Scan# 39

Delta R.T. 0.270 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

Instrument :

BNA_M

ClientSampleId :

WC-19

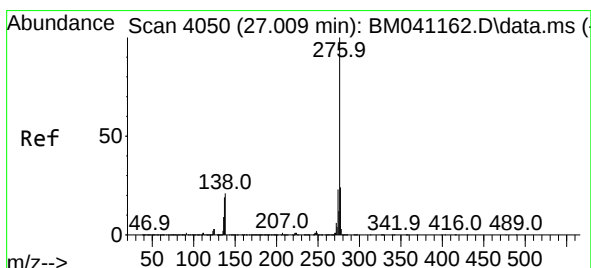
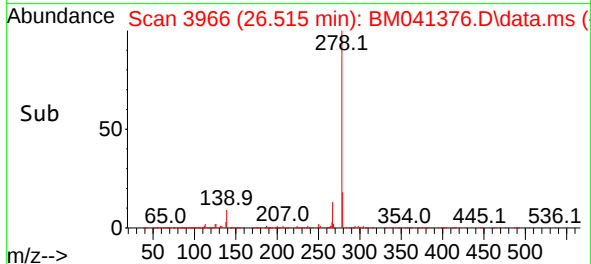
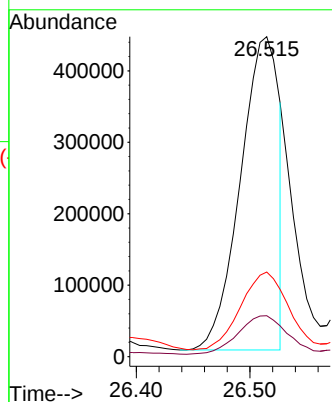
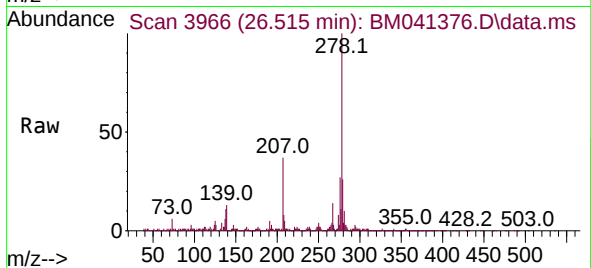
Tgt Ion:278 Resp: 1035234

Ion Ratio Lower Upper

278 100

139 12.8 12.7 19.1

279 26.4 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 255.974 ng

RT: 27.009 min Scan# 4050

Delta R.T. 0.023 min

Lab File: BM041376.D

Acq: 10 Aug 2023 23:21

Tgt Ion:276 Resp: 6374656

Ion Ratio Lower Upper

276 100

277 24.7 19.1 28.7

138 16.6 17.1 25.7#

