

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039152.D
 Acq On : 24 Mar 2023 21:37
 Operator : CG/JU
 Sample : 02045-06DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC1-20230322DL

Quant Time: Mar 25 01:09:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

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

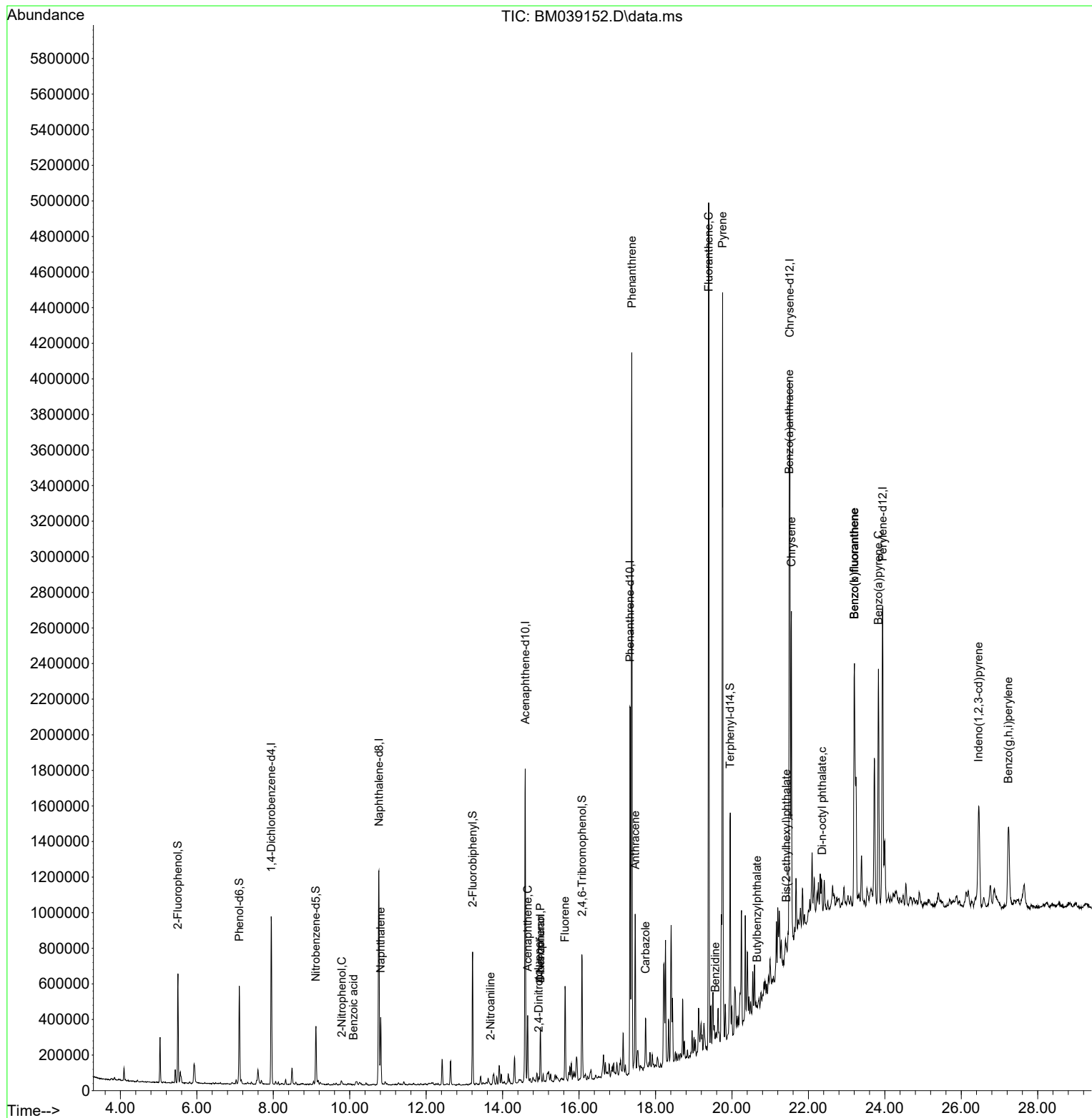
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	252439	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	1018890	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	593623	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1251610	20.000	ng	-0.01
76) Chrysene-d12	21.515	240	1148668	20.000	ng	-0.01
86) Perylene-d12	23.944	264	1259102	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	260507	15.678	ng	0.00
7) Phenol-d6	7.110	99	318459	14.756	ng	0.00
23) Nitrobenzene-d5	9.116	82	193276	9.318	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	104459	15.211	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	381953	8.376	ng	0.00
79) Terphenyl-d14	19.956	244	573169	9.123	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.792	139	53	2.996	ng	# 1
31) Naphthalene	10.810	128	295994	5.095	ng	99
32) Benzoic acid	10.098	122	62	5.737	ng	# 1
48) 2-Nitroaniline	13.686	65	165	2.228	ng	# 6
52) Acenaphthene	14.657	154	131868	3.552	ng	100
55) Dibenzofuran	14.986	168	176322	3.035	ng	99
56) 4-Nitrophenol	14.986	139	65239	7.191	ng	# 9
57) 2,4-Dinitrotoluene	14.945	165	1010	2.144	ng	# 59
58) Fluorene	15.633	166	234980	5.164	ng	99
71) Phenanthrene	17.380	178	2337807	31.825	ng	100
72) Anthracene	17.468	178	527127	7.196	ng	99
73) Carbazole	17.739	167	165575	2.477	ng	99
75) Fluoranthene	19.392	202	2704080	34.864	ng	98
77) Benzidine	19.568	184	195	4.883	ng	# 1
78) Pyrene	19.756	202	2486971	28.826	ng	100
80) Butylbenzylphthalate	20.656	149	519	3.329	ng	# 1
81) Benzo(a)anthracene	21.497	228	1156429	13.980	ng	99
83) Chrysene	21.556	228	1023011	12.716	ng	98
84) Bis(2-ethylhexyl)phtha...	21.427	149	8108	2.630	ng	# 81
85) Di-n-octyl phthalate	22.362	149	1136	3.808	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.456	276	594690	6.207	ng	96
88) Benzo(b)fluoranthene	23.203	252	1283680	15.958	ng	99
89) Benzo(k)fluoranthene	23.203	252	1283680	15.334	ng	99
90) Benzo(a)pyrene	23.833	252	963328	12.443	ng	98
92) Benzo(g,h,i)perylene	27.232	276	585011	7.370	ng	99

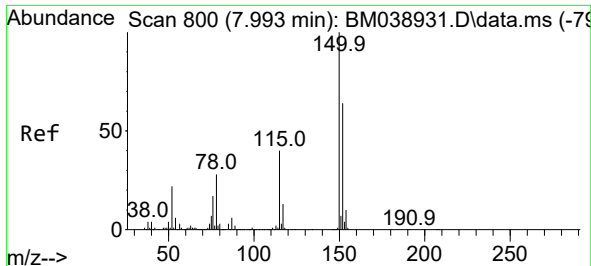
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
Data File : BM039152.D
Acq On : 24 Mar 2023 21:37
Operator : CG/JU
Sample : 02045-06DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC1-20230322DL

Quant Time: Mar 25 01:09:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 24 15:04:20 2023
Response via : Initial Calibration

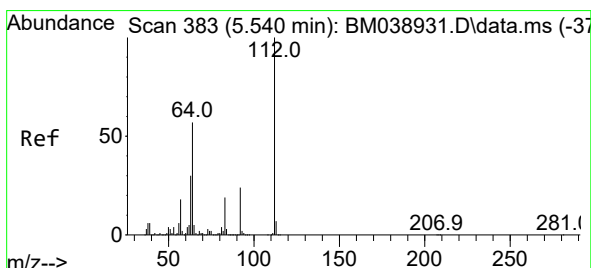
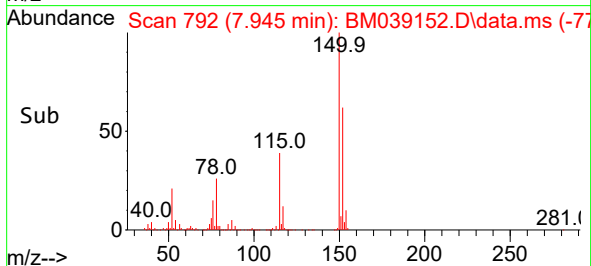
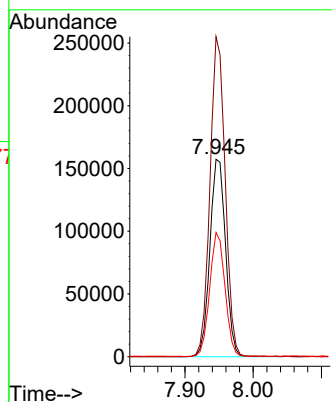
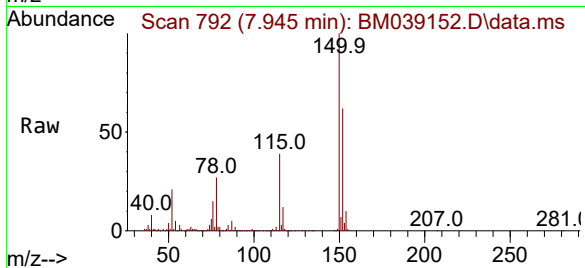




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.945 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BM039152.D
 Acq: 24 Mar 2023 21:37

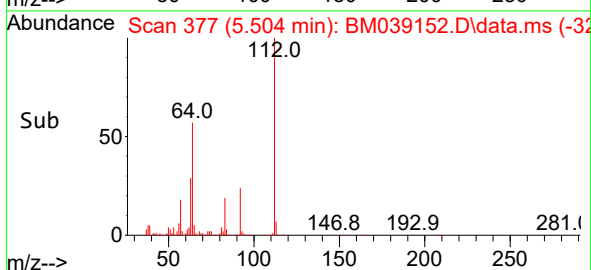
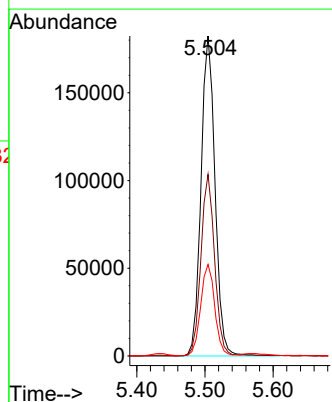
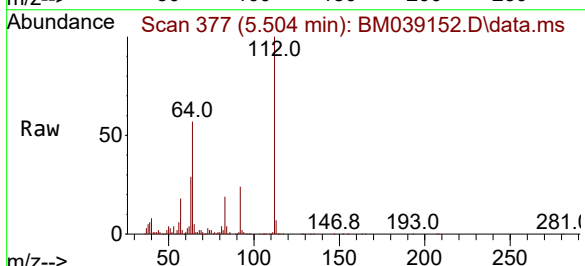
Instrument :
 BNA_M
 ClientSampleId :
 WC1-20230322DL

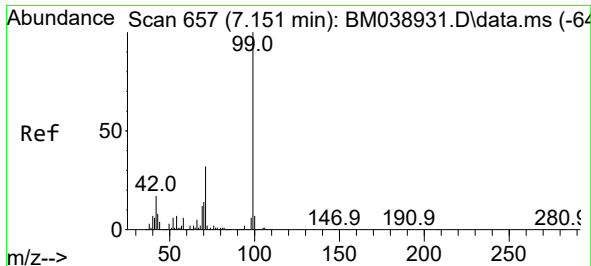
Tgt Ion:152 Resp: 252439
 Ion Ratio Lower Upper
 152 100
 150 162.1 125.1 187.7
 115 62.9 49.6 74.4



#5
 2-Fluorophenol
 Concen: 15.678 ng
 RT: 5.504 min Scan# 377
 Delta R.T. 0.000 min
 Lab File: BM039152.D
 Acq: 24 Mar 2023 21:37

Tgt Ion:112 Resp: 260507
 Ion Ratio Lower Upper
 112 100
 64 56.8 45.9 68.9
 63 28.6 23.8 35.8

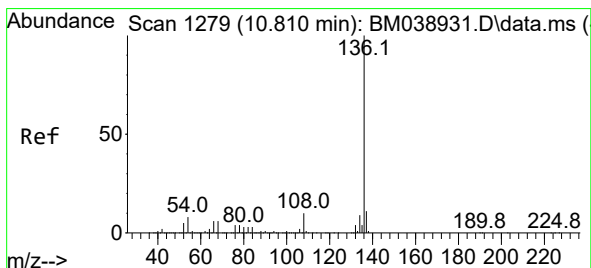
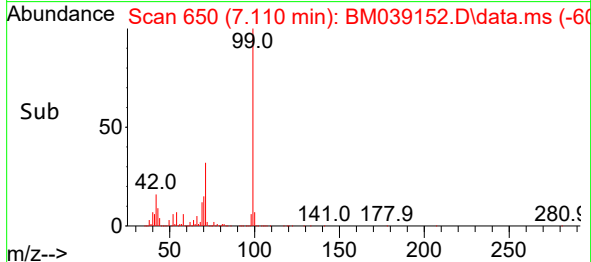
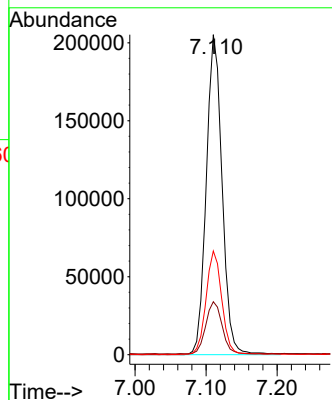
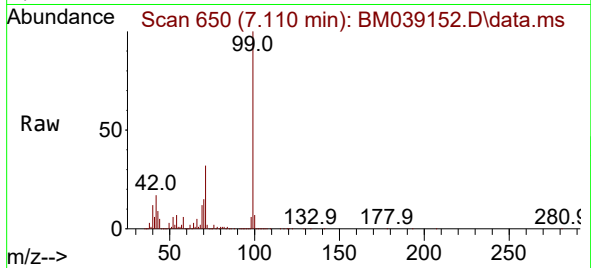




#7
Phenol-d6
Concen: 14.756 ng
RT: 7.110 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

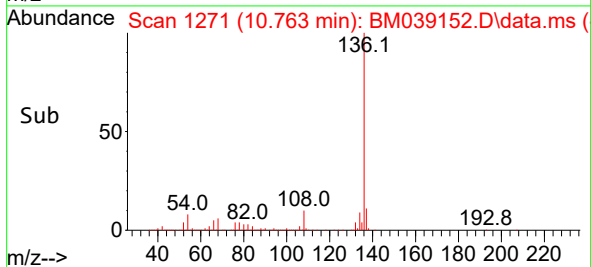
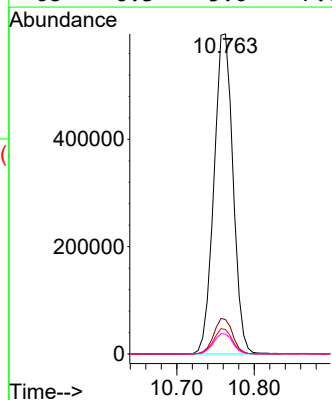
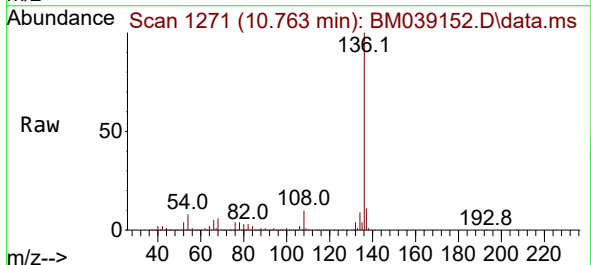
Instrument :
BNA_M
ClientSampleId :
WC1-20230322DL

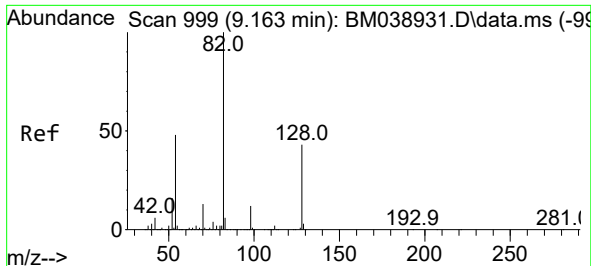
Tgt Ion: 99 Resp: 318459
Ion Ratio Lower Upper
99 100
42 16.5 13.5 20.3
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

Tgt Ion: 136 Resp: 1018890
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.7 6.3 9.5
68 6.3 5.0 7.6

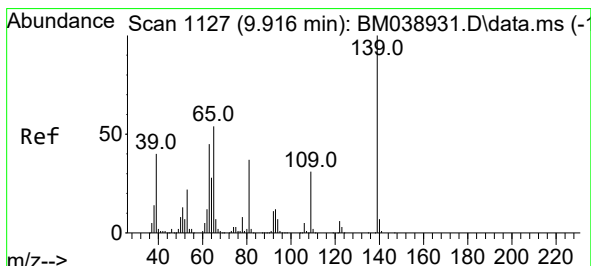
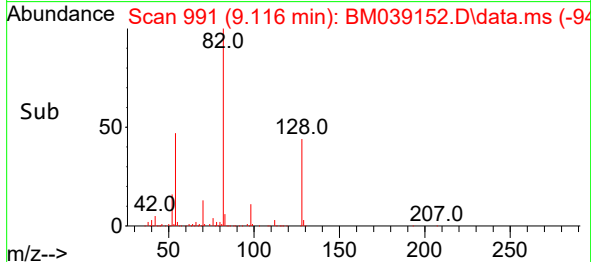
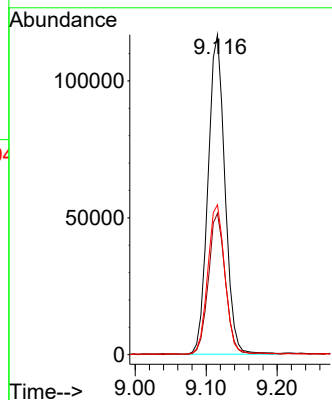
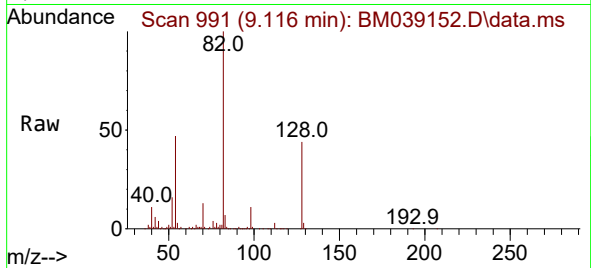




#23
Nitrobenzene-d5
Concen: 9.318 ng
RT: 9.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

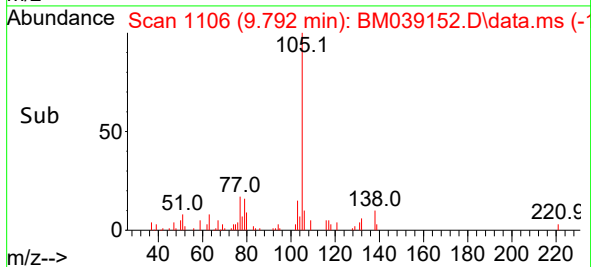
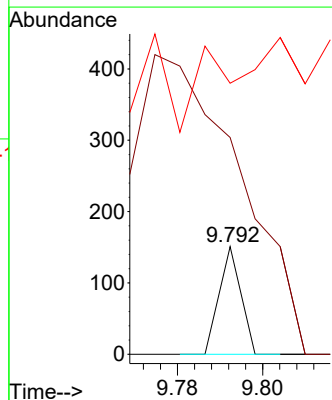
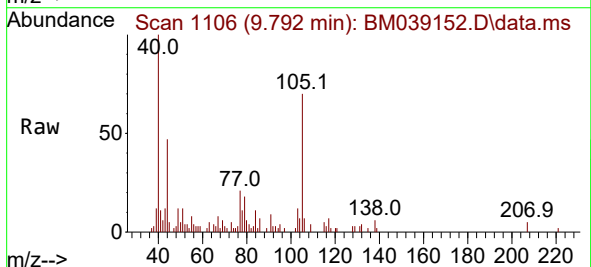
Instrument :
BNA_M
ClientSampleId :
WC1-20230322DL

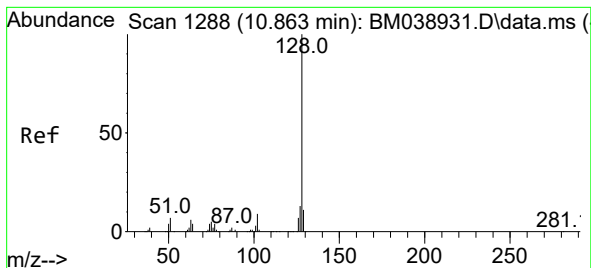
Tgt Ion: 82 Resp: 193276
Ion Ratio Lower Upper
82 100
128 44.1 34.4 51.6
54 46.8 38.8 58.2



#26
2-Nitrophenol
Concen: 2.996 ng
RT: 9.792 min Scan# 1106
Delta R.T. -0.088 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

Tgt Ion: 139 Resp: 53
Ion Ratio Lower Upper
139 100
109 201.3 24.5 36.7#
65 251.7 43.0 64.6#

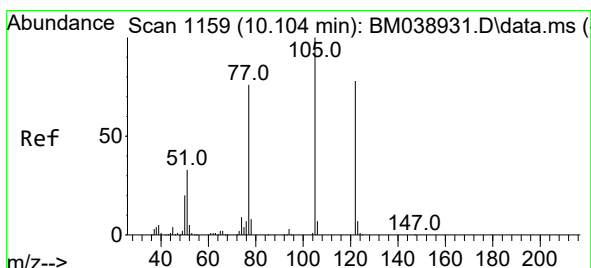
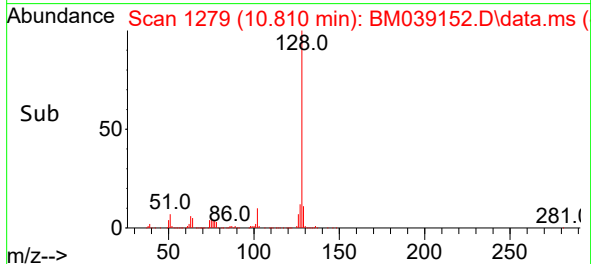
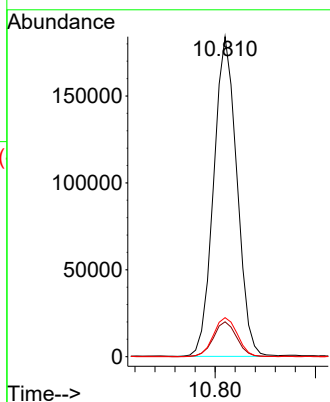
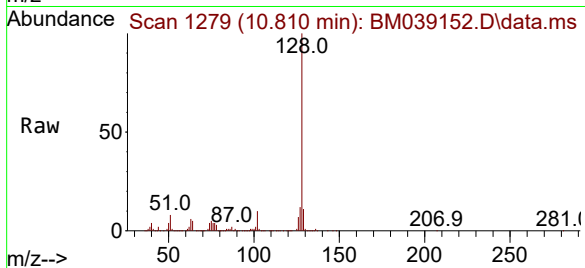




#31
Naphthalene
Concen: 5.095 ng
RT: 10.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

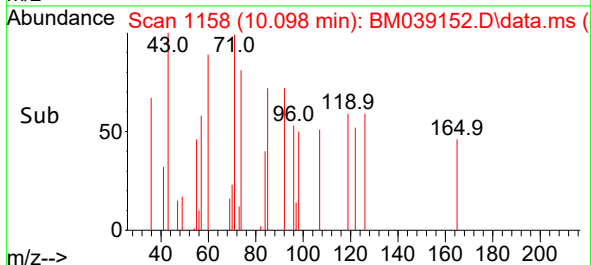
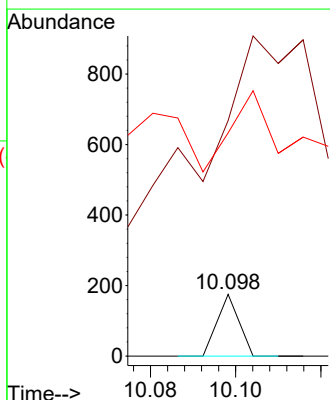
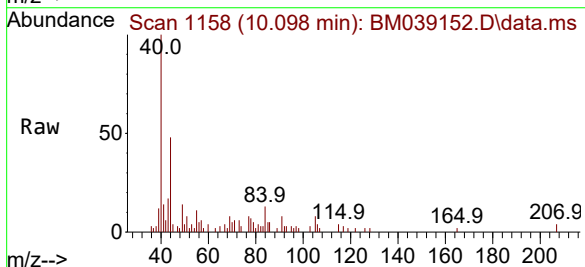
Instrument :
BNA_M
ClientSampleId :
WC1-20230322DL

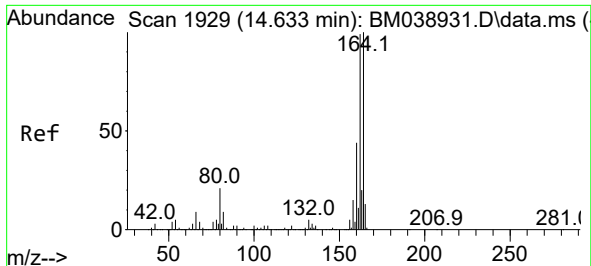
Tgt Ion:128 Resp: 295994
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.2 10.2 15.4



#32
Benzoic acid
Concen: 5.737 ng
RT: 10.098 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 381.7 104.2 144.2#
77 361.7 75.1 115.1#

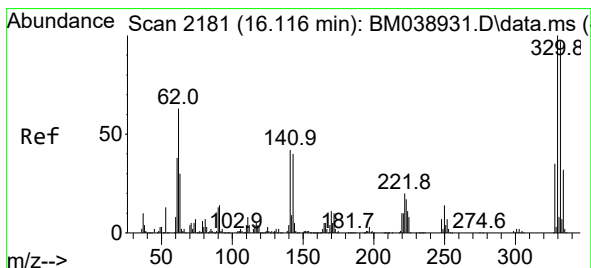
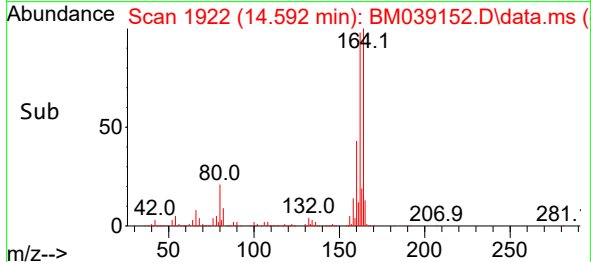
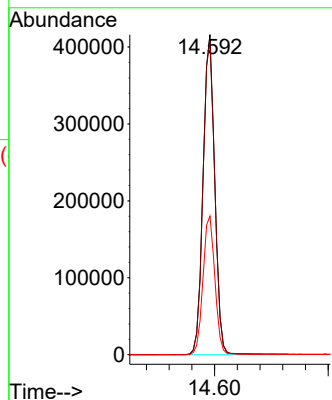
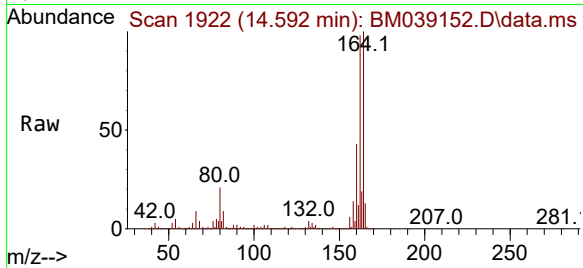




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

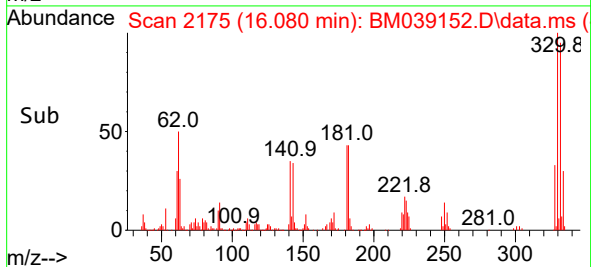
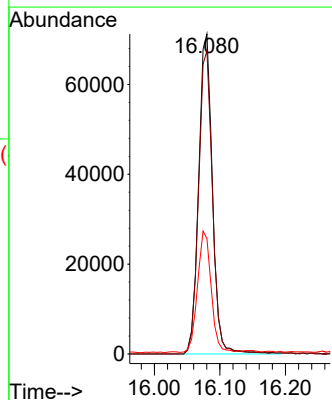
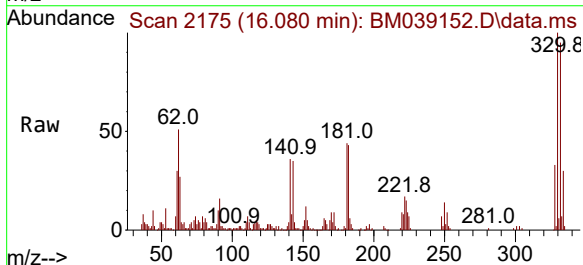
Instrument :
BNA_M
ClientSampleId :
WC1-20230322DL

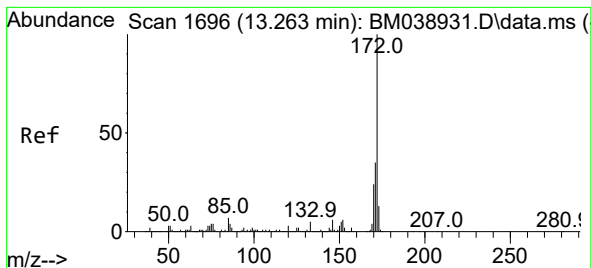
Tgt Ion:164 Resp: 593623
Ion Ratio Lower Upper
164 100
162 97.9 79.2 118.8
160 43.4 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 15.211 ng
RT: 16.080 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

Tgt Ion:330 Resp: 104459
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.0
141 37.2 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 8.376 ng

RT: 13.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

Instrument :

BNA_M

ClientSampleId :

WC1-20230322DL

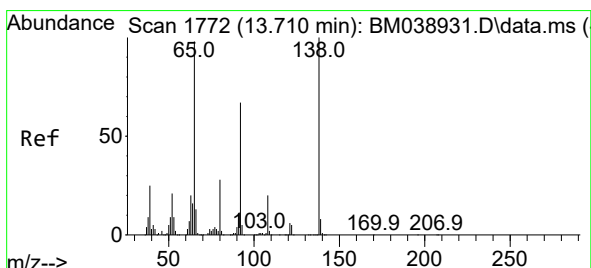
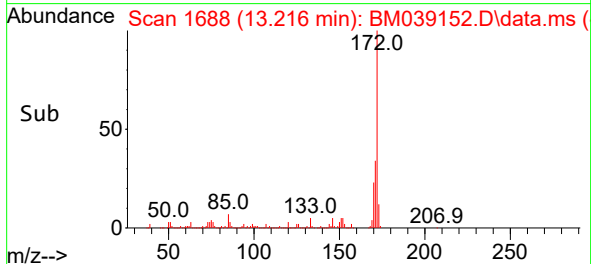
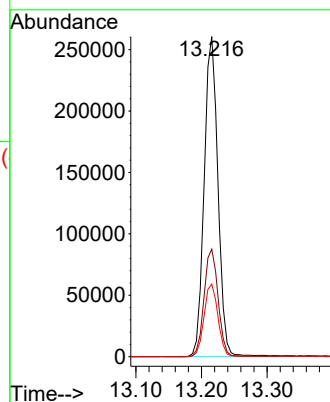
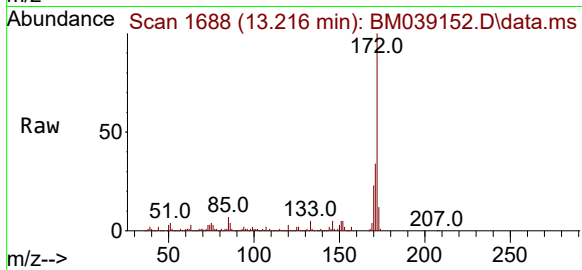
Tgt Ion:172 Resp: 381953

Ion Ratio Lower Upper

172 100

171 33.6 28.2 42.2

170 22.7 19.1 28.7



#48

2-Nitroaniline

Concen: 2.228 ng

RT: 13.686 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

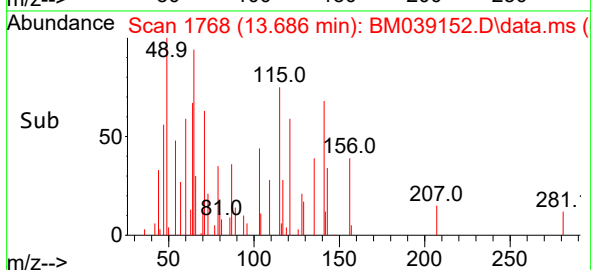
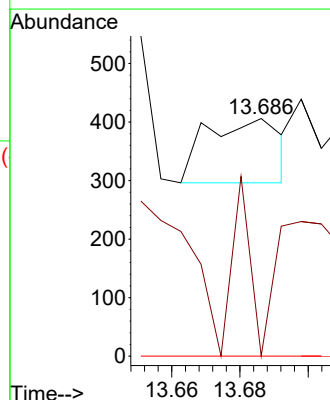
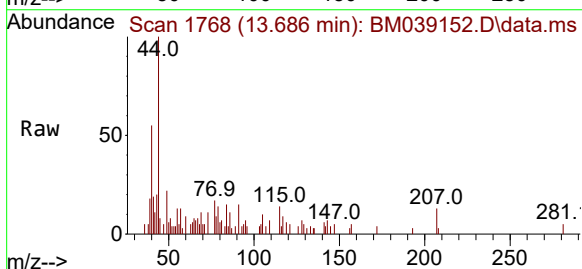
Tgt Ion: 65 Resp: 165

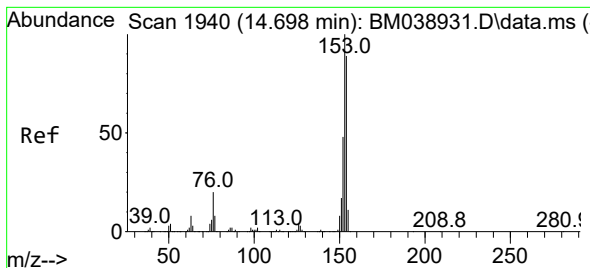
Ion Ratio Lower Upper

65 100

92 0.0 54.9 82.3#

138 0.0 81.6 122.4#





#52

Acenaphthene

Concen: 3.552 ng

RT: 14.657 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

Instrument :

BNA_M

ClientSampleId :

WC1-20230322DL

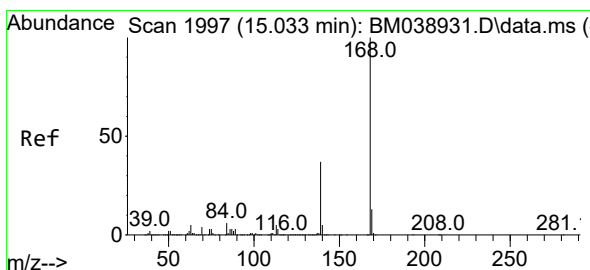
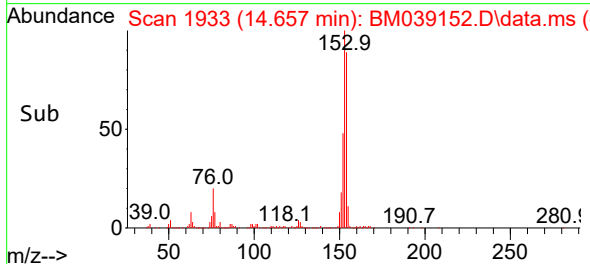
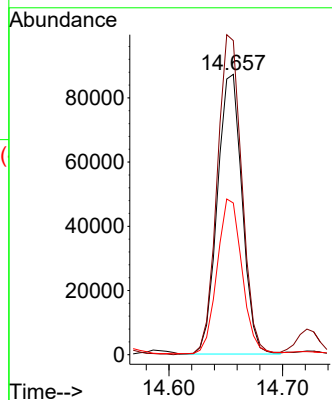
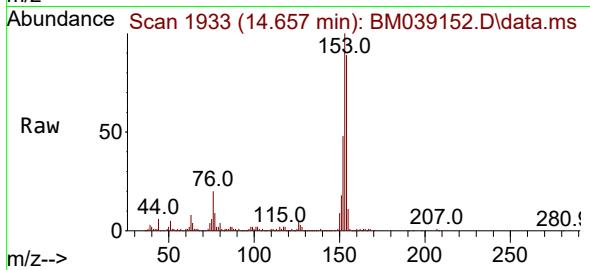
Tgt Ion:154 Resp: 131868

Ion Ratio Lower Upper

154 100

153 112.1 90.2 135.2

152 54.1 43.4 65.2



#55

Dibenzofuran

Concen: 3.035 ng

RT: 14.986 min Scan# 1989

Delta R.T. -0.012 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

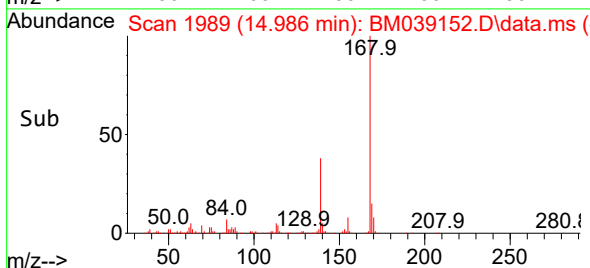
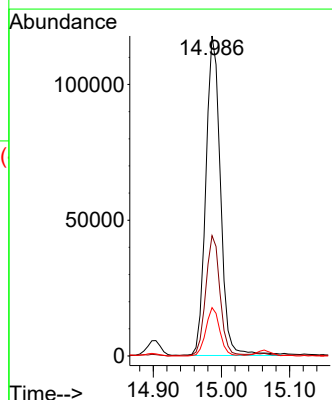
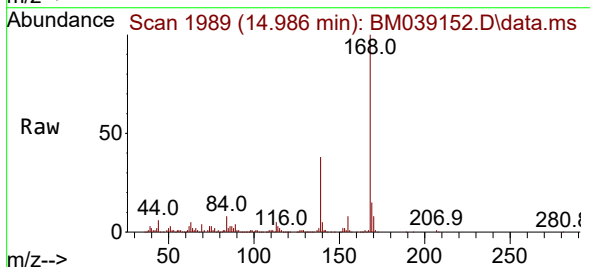
Tgt Ion:168 Resp: 176322

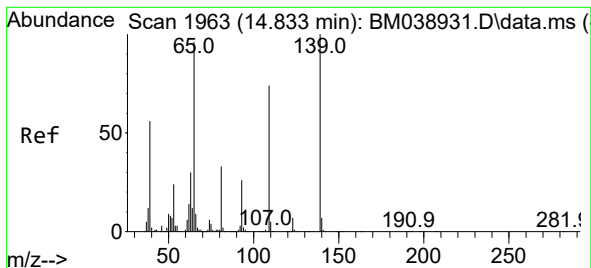
Ion Ratio Lower Upper

168 100

139 37.6 29.9 44.9

169 15.1 10.7 16.1

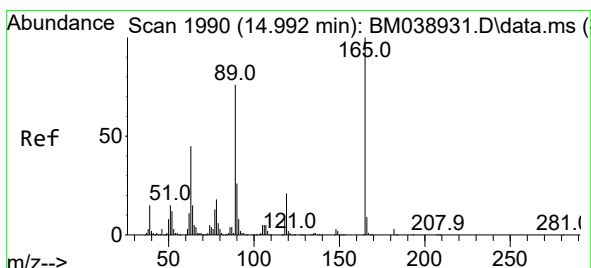
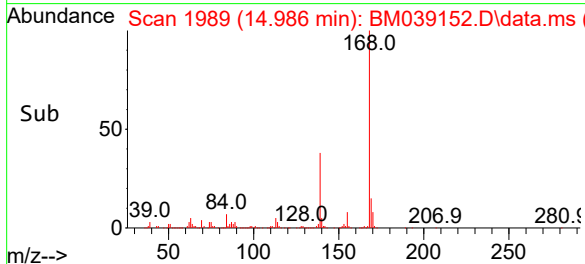
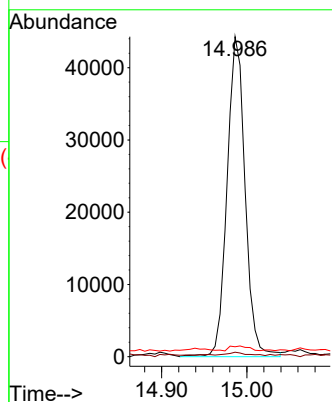
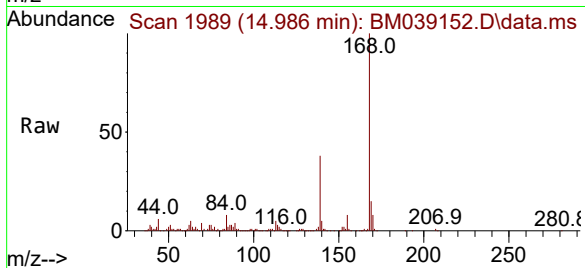




#56
4-Nitrophenol
Concen: 7.191 ng
RT: 14.986 min Scan# 1989
Delta R.T. 0.171 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

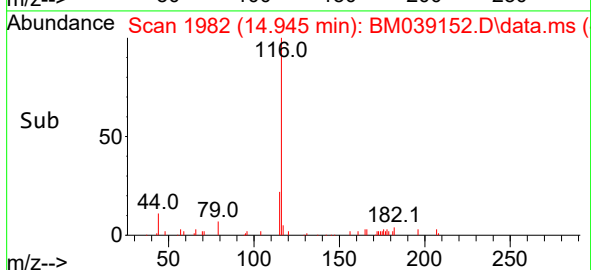
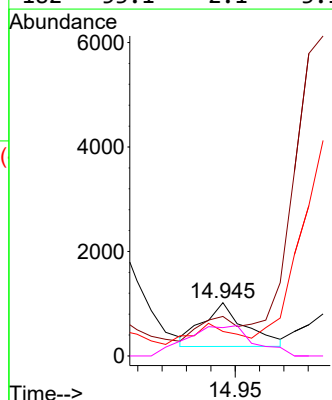
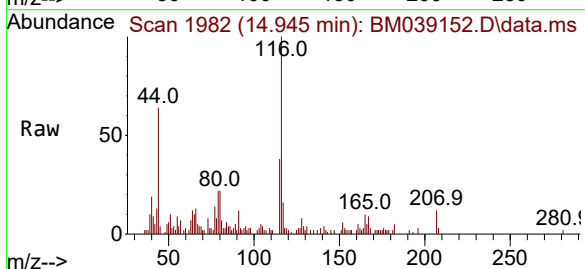
Instrument :
BNA_M
ClientSampleId :
WC1-20230322DL

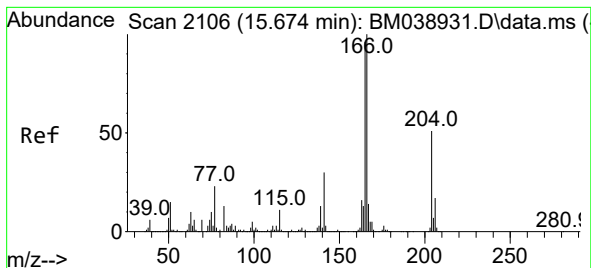
Tgt Ion:139 Resp: 65239
Ion Ratio Lower Upper
139 100
109 1.4 53.5 93.5#
65 3.1 76.4 116.4#



#57
2,4-Dinitrotoluene
Concen: 2.144 ng
RT: 14.945 min Scan# 1982
Delta R.T. -0.018 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

Tgt Ion:165 Resp: 1010
Ion Ratio Lower Upper
165 100
63 74.3 35.9 53.9#
89 45.9 61.0 91.6#
182 53.1 2.1 3.1#





#58

Fluorene

Concen: 5.164 ng

RT: 15.633 min Scan# 20

Delta R.T. -0.012 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

Instrument :

BNA_M

ClientSampleId :

WC1-20230322DL

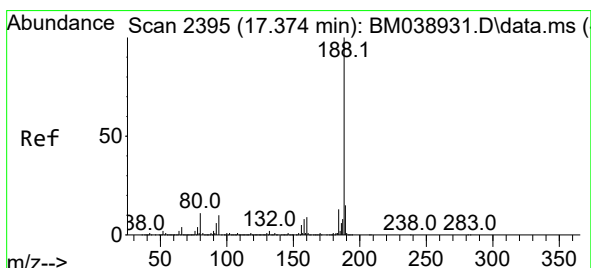
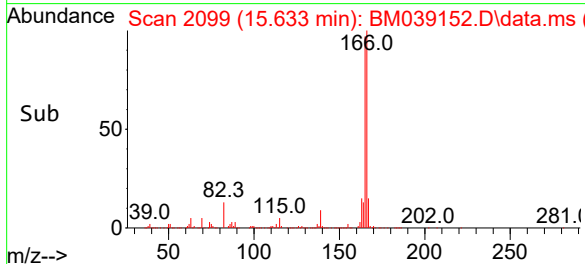
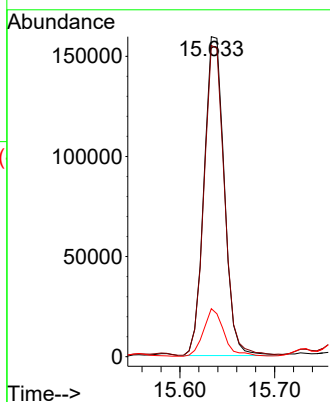
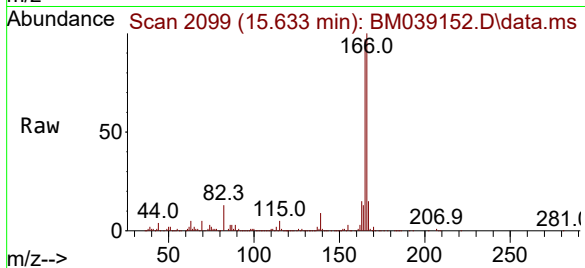
Tgt Ion:166 Resp: 234980

Ion Ratio Lower Upper

166 100

165 97.2 77.1 115.7

167 15.0 10.9 16.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.333 min Scan# 2388

Delta R.T. -0.012 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

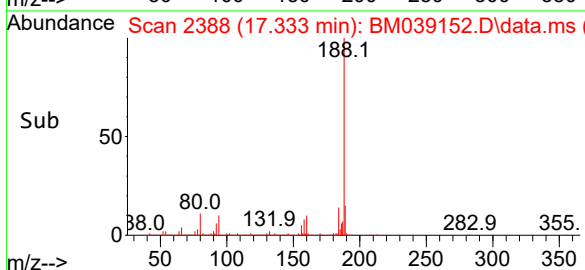
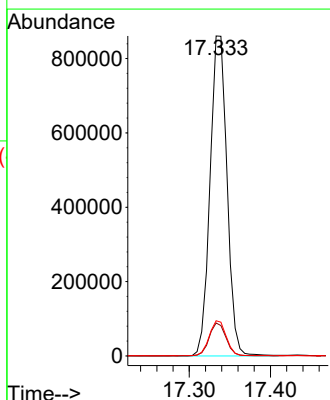
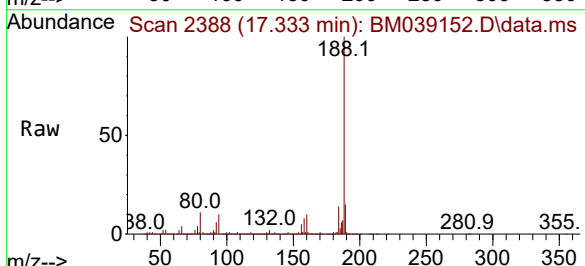
Tgt Ion:188 Resp: 1251610

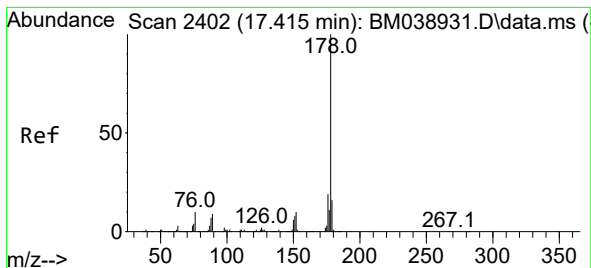
Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 11.0 8.5 12.7





#71

Phenanthrene

Concen: 31.825 ng

RT: 17.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

Instrument :

BNA_M

ClientSampleId :

WC1-20230322DL

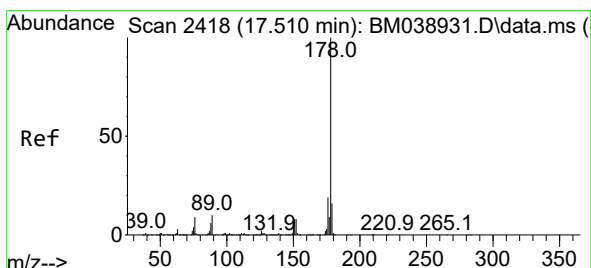
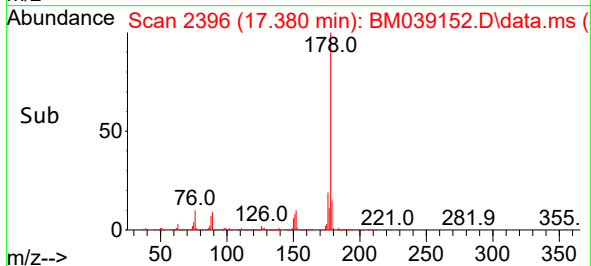
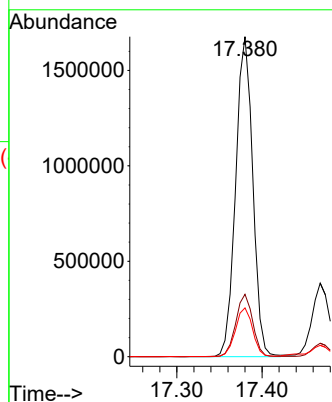
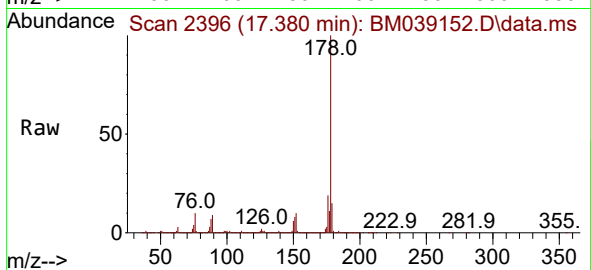
Tgt Ion:178 Resp: 2337807

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.2 12.5 18.7



#72

Anthracene

Concen: 7.196 ng

RT: 17.468 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

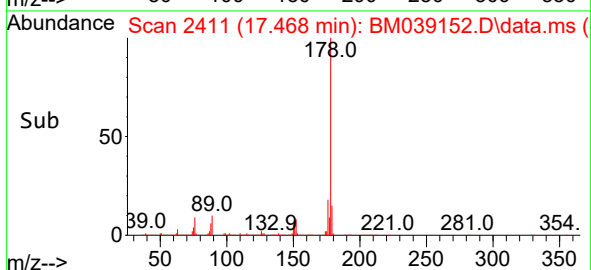
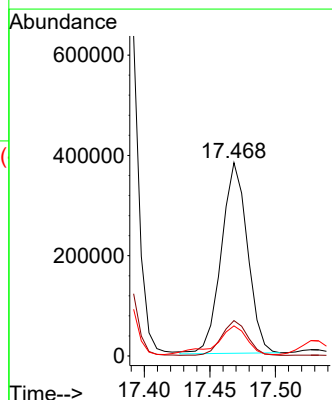
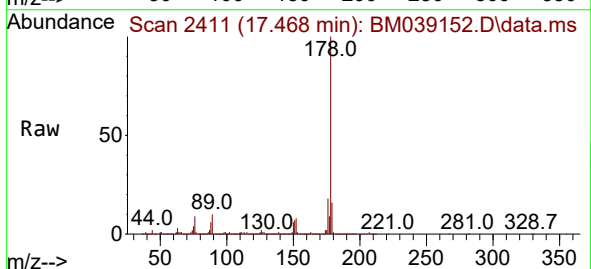
Tgt Ion:178 Resp: 527127

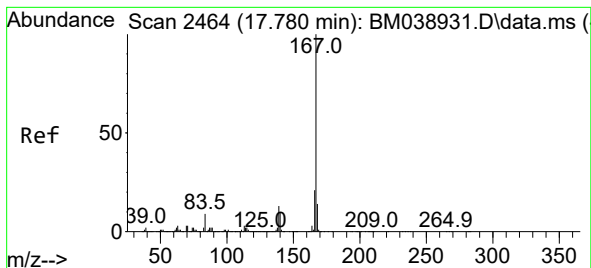
Ion Ratio Lower Upper

178 100

176 18.3 15.3 22.9

179 15.5 12.5 18.7





#73

Carbazole

Concen: 2.477 ng

RT: 17.739 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

Instrument :

BNA_M

ClientSampleId :

WC1-20230322DL

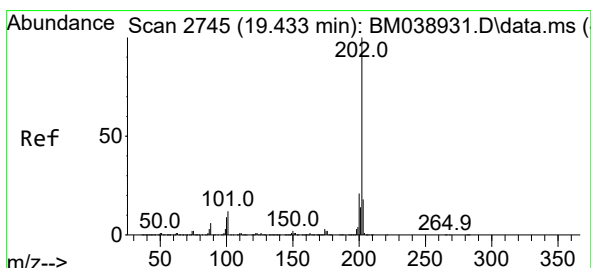
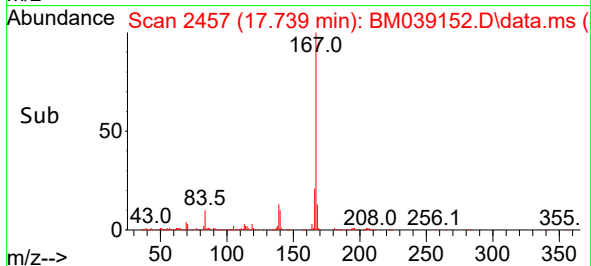
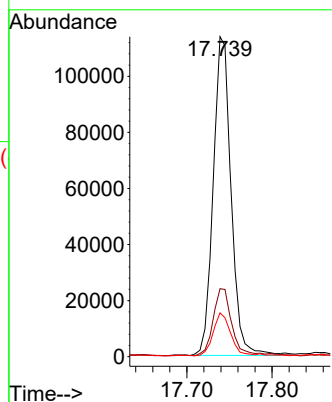
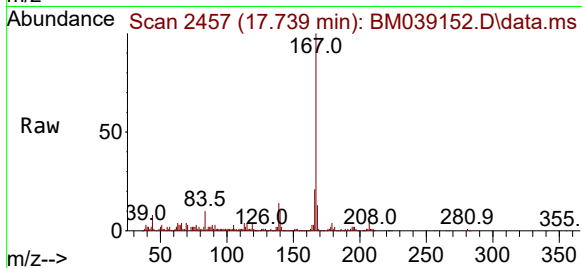
Tgt Ion:167 Resp: 165575

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.4

139 13.7 10.3 15.5



#75

Fluoranthene

Concen: 34.864 ng

RT: 19.392 min Scan# 2738

Delta R.T. -0.006 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

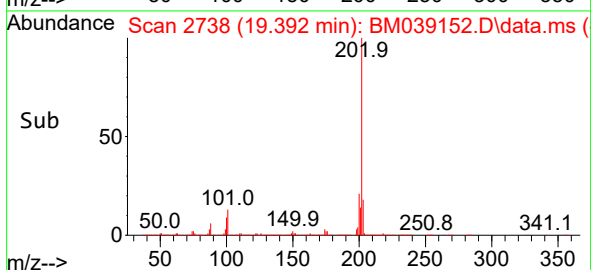
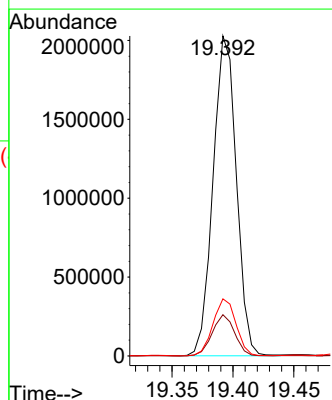
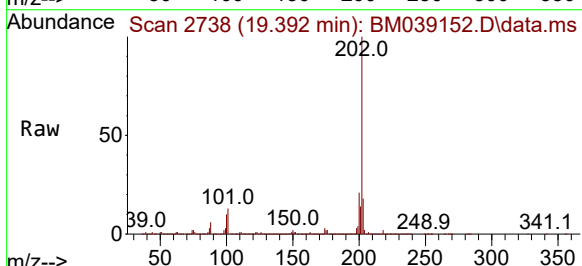
Tgt Ion:202 Resp: 2704080

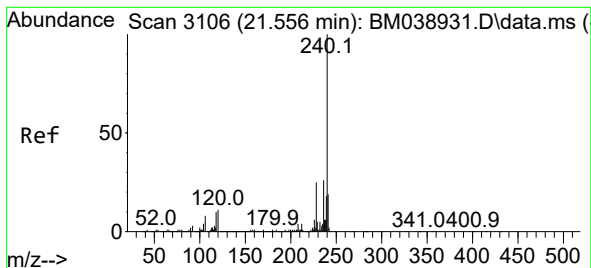
Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.7

203 17.9 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3099

Delta R.T. -0.012 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

Instrument :

BNA_M

ClientSampleId :

WC1-20230322DL

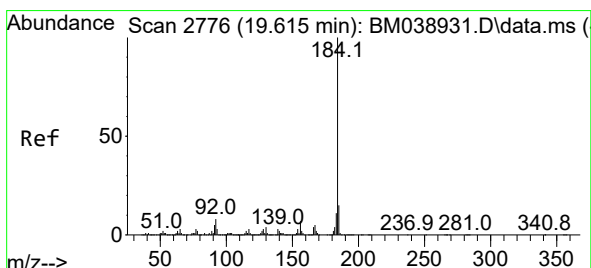
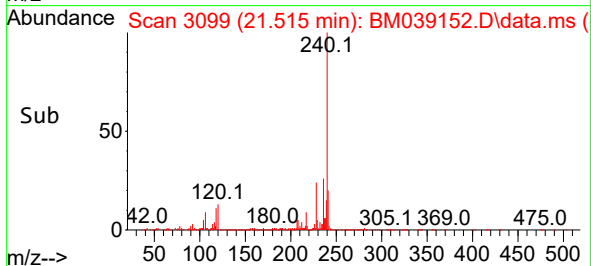
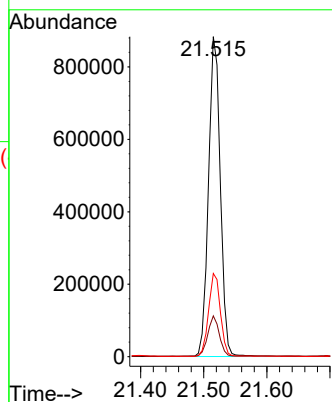
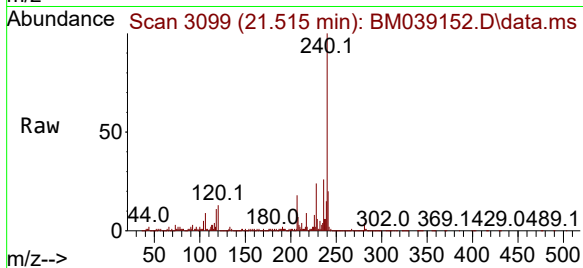
Tgt Ion:240 Resp: 1148668

Ion Ratio Lower Upper

240 100

120 12.8 9.2 13.8

236 26.0 20.8 31.2



#77

Benzidine

Concen: 4.883 ng

RT: 19.568 min Scan# 2768

Delta R.T. -0.018 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

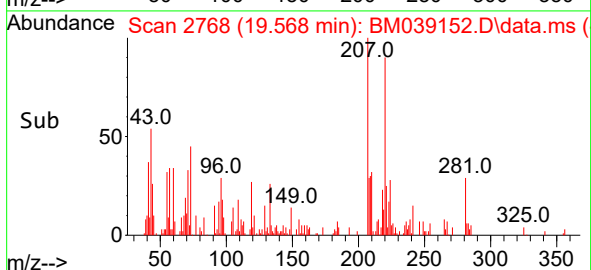
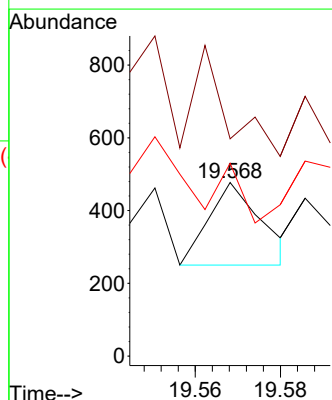
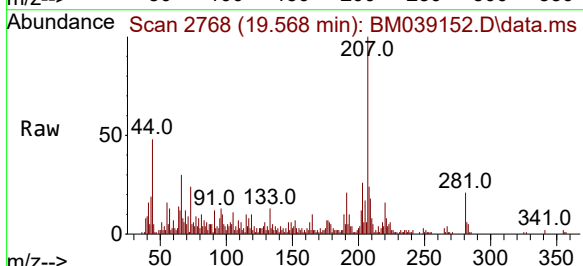
Tgt Ion:184 Resp: 195

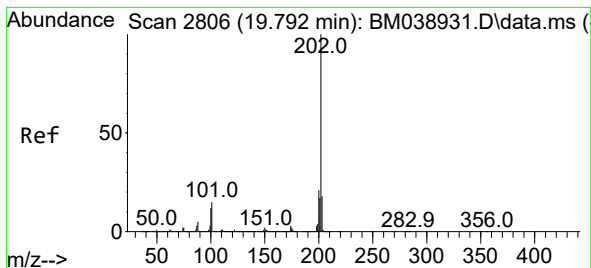
Ion Ratio Lower Upper

184 100

185 125.2 12.2 18.4#

183 111.1 8.8 13.2#





#78

Pyrene

Concen: 28.826 ng

RT: 19.756 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

Instrument :

BNA_M

ClientSampleId :

WC1-20230322DL

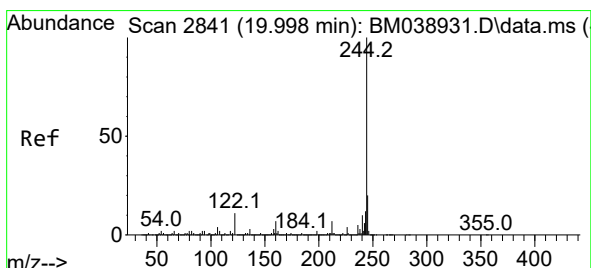
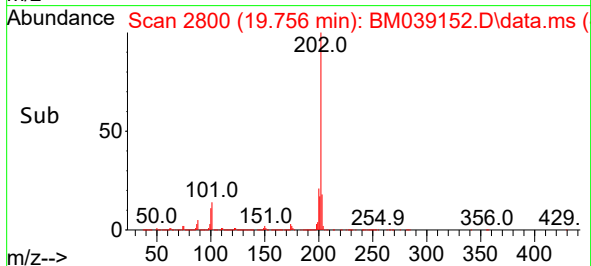
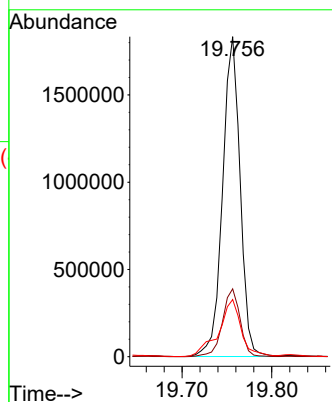
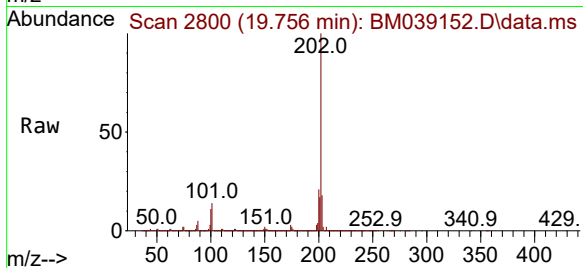
Tgt Ion:202 Resp: 2486971

Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.8 14.1 21.1



#79

Terphenyl-d14

Concen: 9.123 ng

RT: 19.956 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

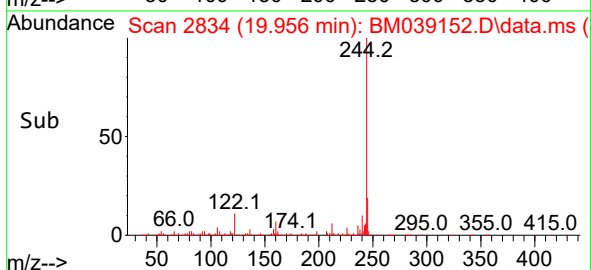
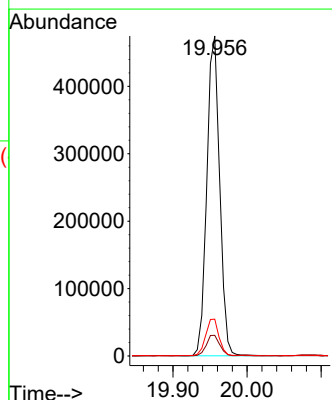
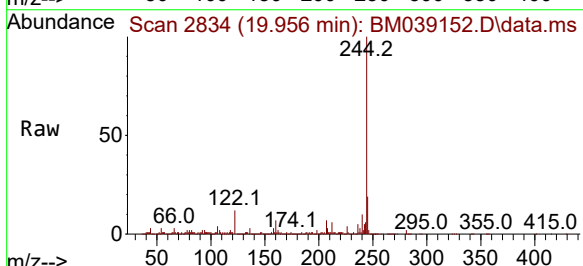
Tgt Ion:244 Resp: 573169

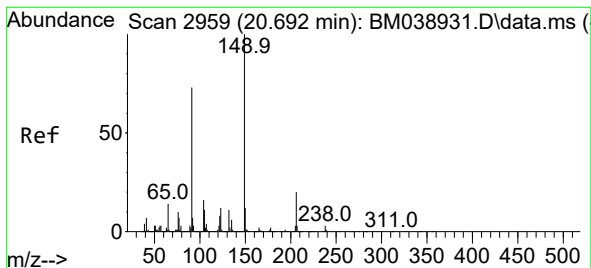
Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

122 11.5 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.329 ng

RT: 20.656 min Scan# 2953

Delta R.T. 0.000 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

Instrument :

BNA_M

ClientSampleId :

WC1-20230322DL

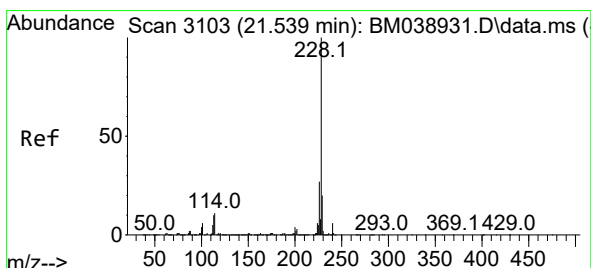
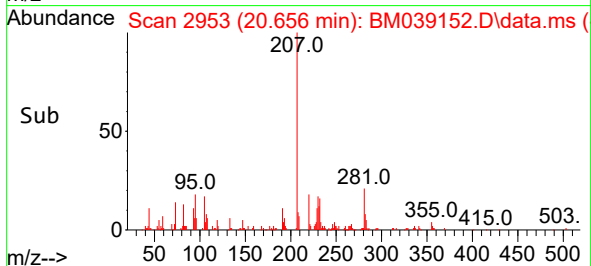
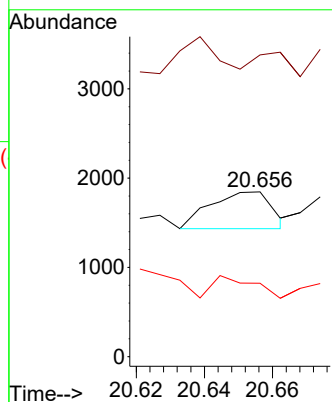
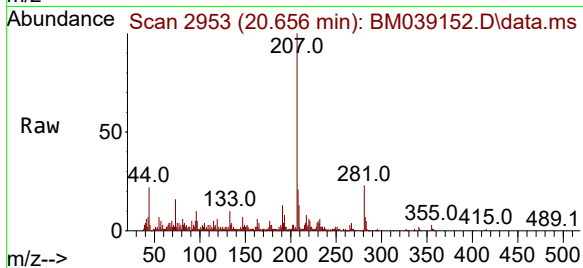
Tgt Ion:149 Resp: 519

Ion Ratio Lower Upper

149 100

91 183.1 58.4 87.6#

206 44.6 16.1 24.1#



#81

Benzo(a)anthracene

Concen: 13.980 ng

RT: 21.497 min Scan# 3096

Delta R.T. -0.012 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

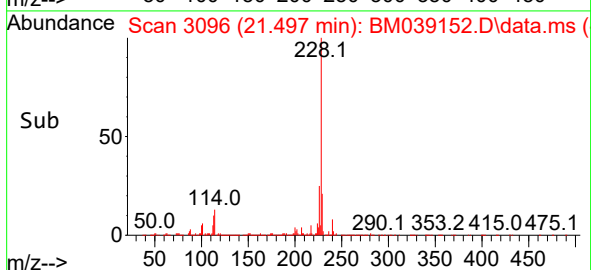
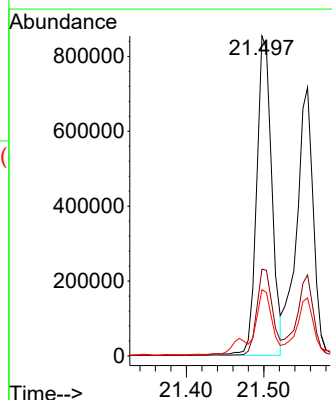
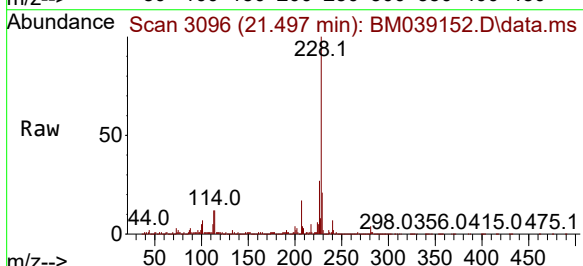
Tgt Ion:228 Resp: 1156429

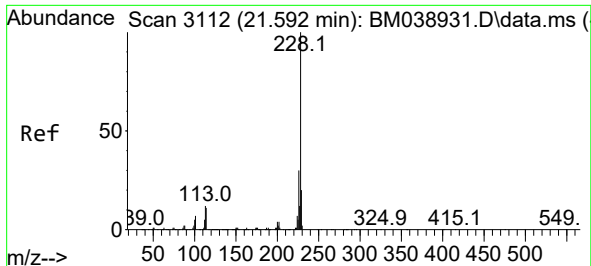
Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 20.7 15.7 23.5

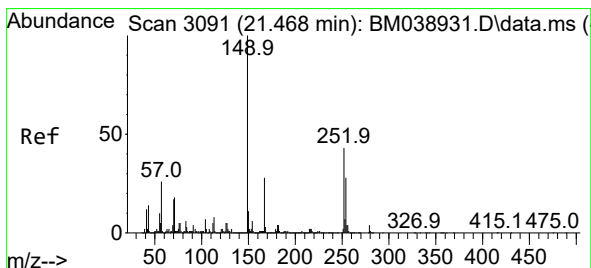
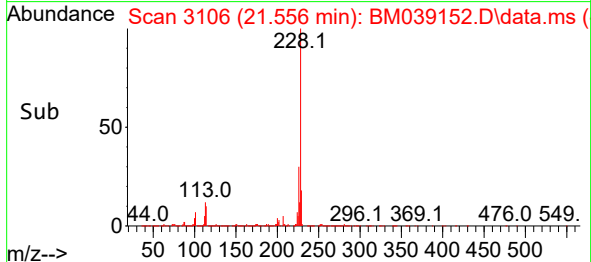
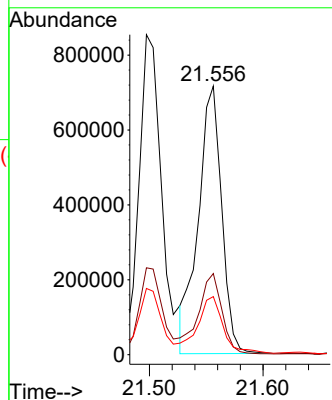
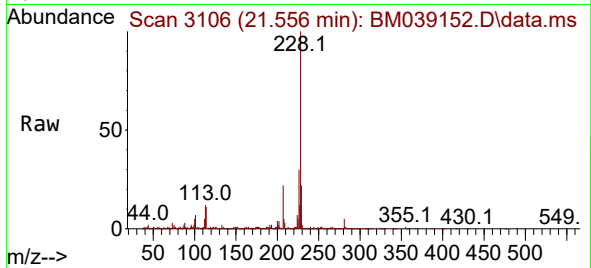




#83
Chrysene
Concen: 12.716 ng
RT: 21.556 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

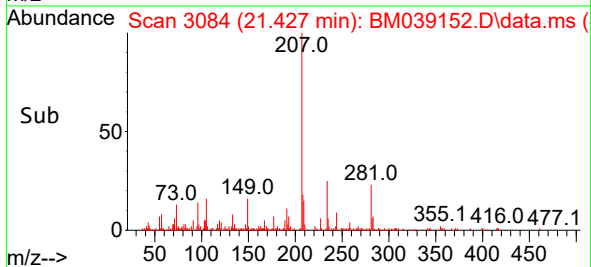
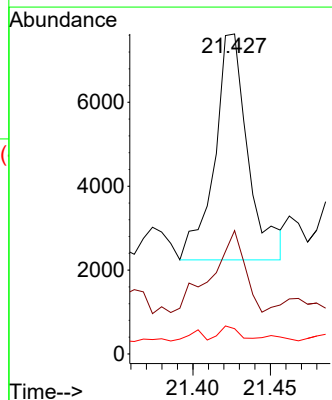
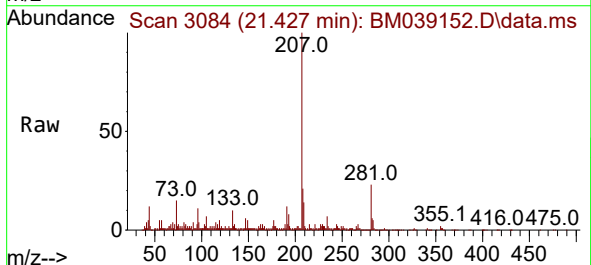
Instrument :
BNA_M
ClientSampleId :
WC1-20230322DL

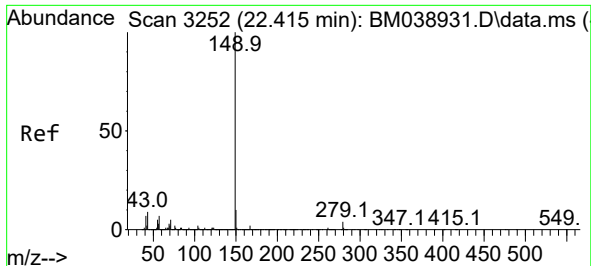
Tgt Ion:228 Resp: 1023011
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 21.6 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.630 ng
RT: 21.427 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

Tgt Ion:149 Resp: 8108
Ion Ratio Lower Upper
149 100
167 38.5 22.3 33.5#
279 7.9 3.2 4.8#

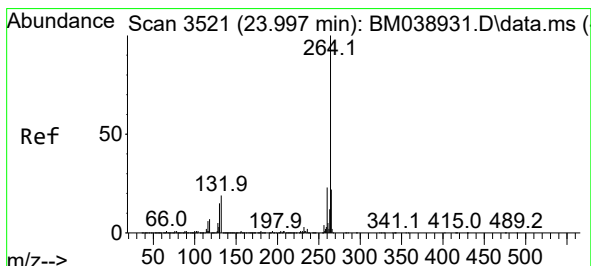
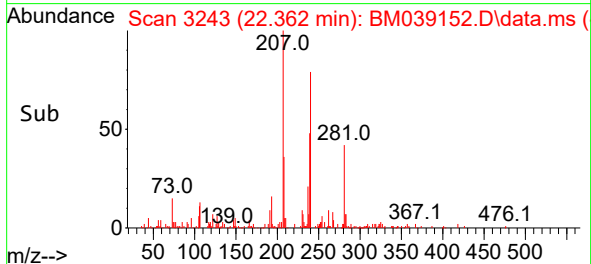
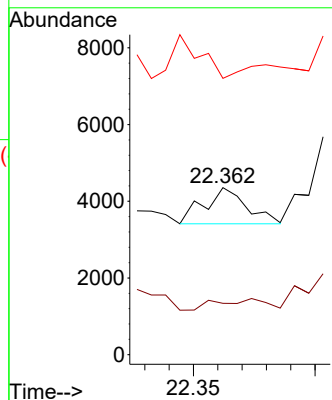
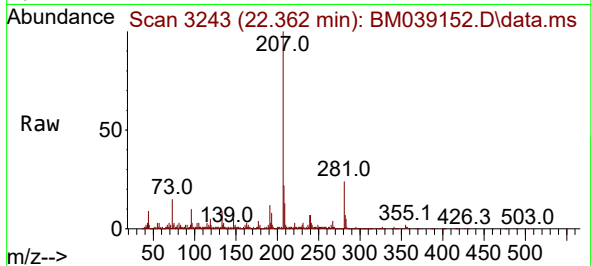




#85
Di-n-octyl phthalate
Concen: 3.808 ng
RT: 22.362 min Scan# 311
Delta R.T. -0.006 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

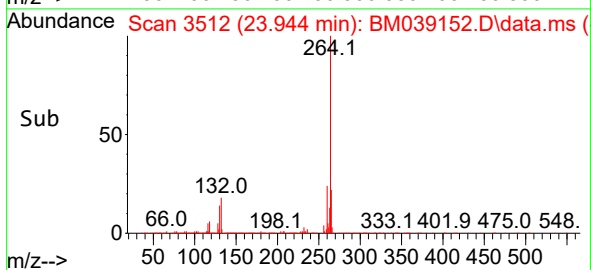
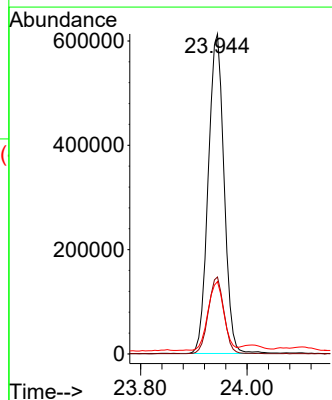
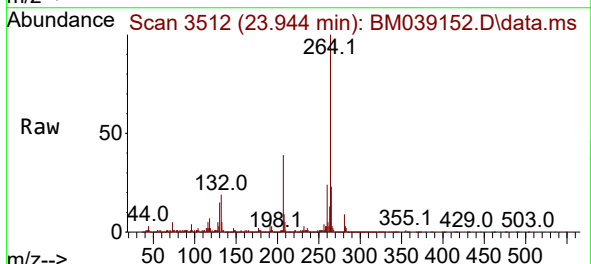
Instrument :
BNA_M
ClientSampleId :
WC1-20230322DL

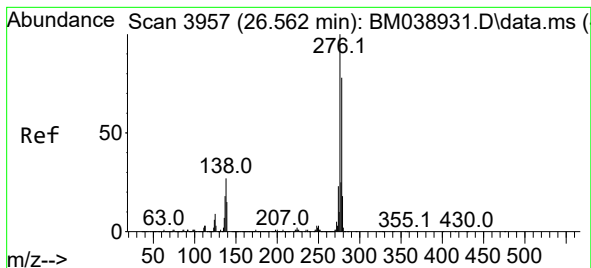
Tgt Ion:149 Resp: 1136
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 84.5 7.4 11.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.944 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BM039152.D
Acq: 24 Mar 2023 21:37

Tgt Ion:264 Resp: 1259102
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.207 ng

RT: 26.456 min Scan# 3957

Delta R.T. -0.035 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

Instrument :

BNA_M

ClientSampleId :

WC1-20230322DL

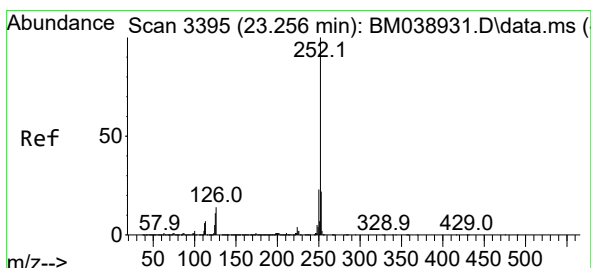
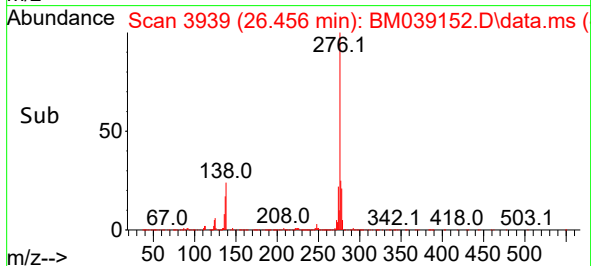
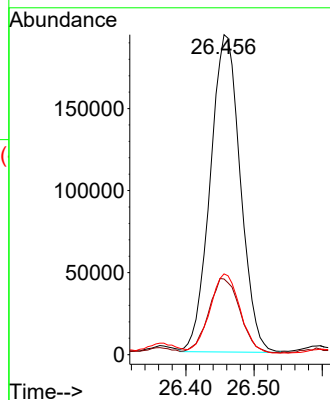
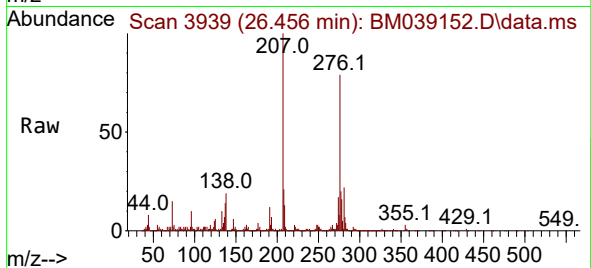
Tgt Ion:276 Resp: 594690

Ion Ratio Lower Upper

276 100

138 24.2 22.1 33.1

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 15.958 ng

RT: 23.203 min Scan# 3386

Delta R.T. -0.012 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

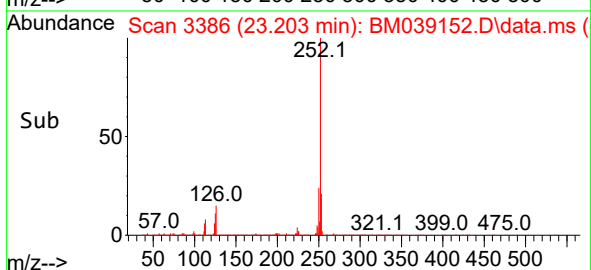
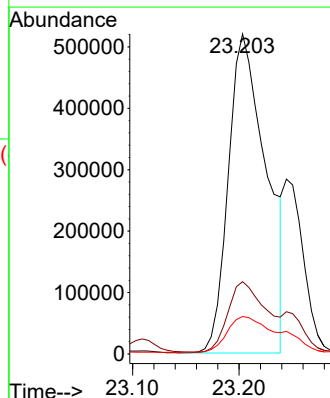
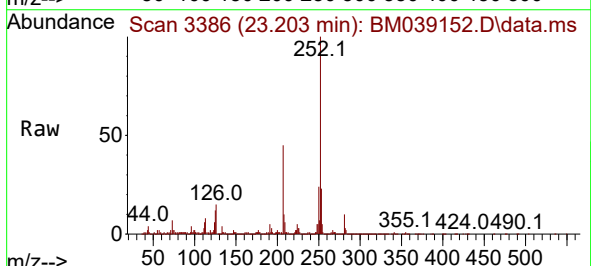
Tgt Ion:252 Resp: 1283680

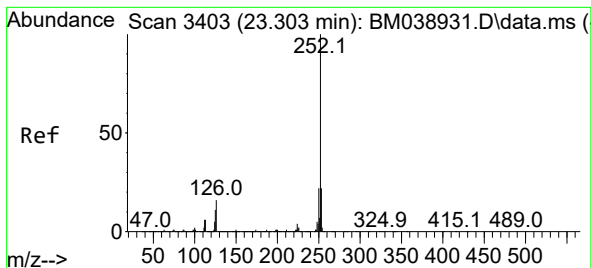
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 11.7 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 15.334 ng

RT: 23.203 min Scan# 31

Delta R.T. -0.065 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

Instrument :

BNA_M

ClientSampleId :

WC1-20230322DL

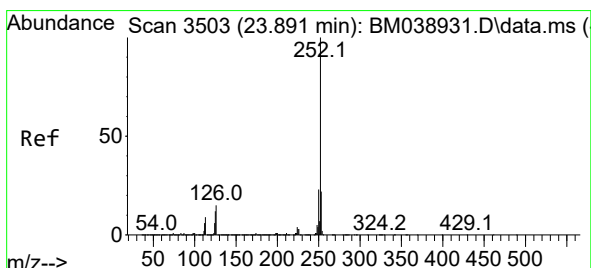
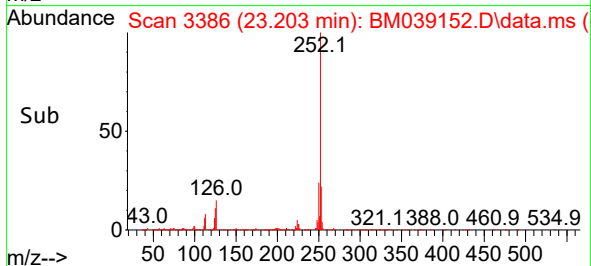
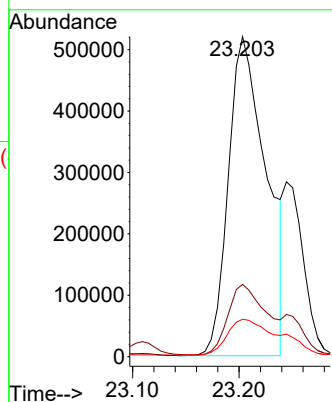
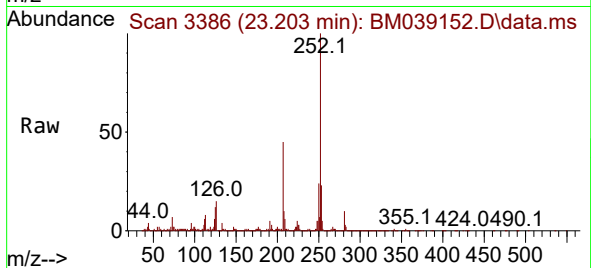
Tgt Ion:252 Resp: 1283680

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 11.7 8.9 13.3



#90

Benzo(a)pyrene

Concen: 12.443 ng

RT: 23.833 min Scan# 3493

Delta R.T. -0.018 min

Lab File: BM039152.D

Acq: 24 Mar 2023 21:37

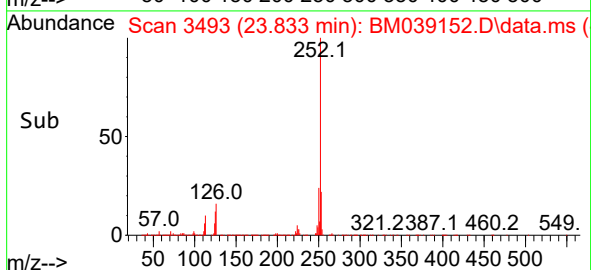
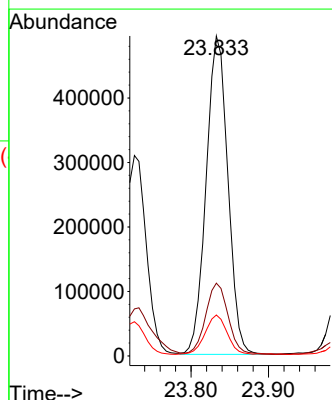
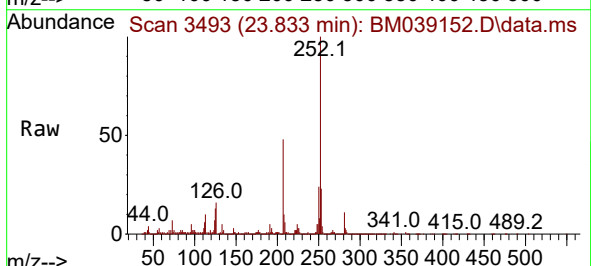
Tgt Ion:252 Resp: 963328

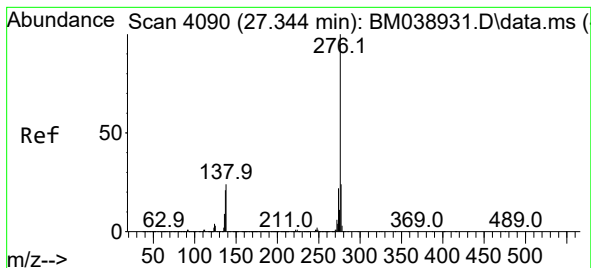
Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 12.8 9.8 14.8





#92

Benzo(g,h,i)perylene

Concen: 7.370 ng

RT: 27.232 min Scan# 40

Delta R.T. -0.041 min

Lab File: BM039152.D

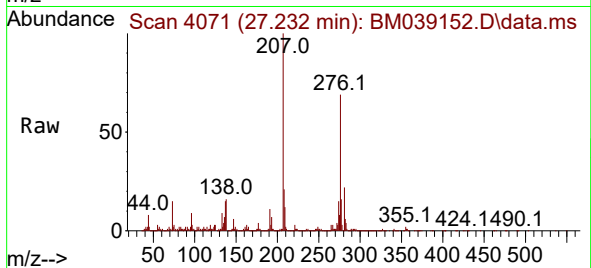
Acq: 24 Mar 2023 21:37

Instrument :

BNA_M

ClientSampleId :

WC1-20230322DL



Tgt Ion:276 Resp: 585011

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 23.6 19.0 28.6

