

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041282.D
 Acq On : 04 Aug 2023 03:35
 Operator : MA/JU
 Sample : 03815-03 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-01

Quant Time: Aug 04 04:05:17 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 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	165007	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	698113	20.000	ng	0.01
39) Acenaphthene-d10	14.469	164	463011	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	835254	20.000	ng	0.02
76) Chrysene-d12	21.445	240	654850	20.000	ng	0.01
86) Perylene-d12	23.827	264	853735	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	125666	11.382	ng	0.00
7) Phenol-d6	6.981	99	173558	12.128	ng	0.00
23) Nitrobenzene-d5	8.975	82	114437	7.623	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	69870	10.669	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	262762	7.169	ng	0.00
79) Terphenyl-d14	19.868	244	385736	10.650	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.928	77	22797	3.019	ng	# 1
18) Hexachloroethane	8.892	117	30215	6.882	ng	# 21
32) Benzoic acid	9.939	122	152	7.172	ng	# 1
33) 4-Chloroaniline	10.692	127	4395355	290.322	ng	# 34
37) 2-Methylnaphthalene	12.304	142	13853006	542.397	ng	98
38) 1-Methylnaphthalene	12.522	142	9830171	411.230	ng	99
46) 1,1'-Biphenyl	13.298	154	4532758	120.758	ng	98
47) 2-Chloronaphthalene	13.439	162	457826	16.335	ng	# 48
48) 2-Nitroaniline	13.486	65	22409	2.505	ng	# 27
49) Acenaphthylene	14.204	152	10360138	229.017	ng	98
51) 2,6-Dinitrotoluene	13.863	165	84611	11.725	ng	# 79
52) Acenaphthene	14.539	154	2556819	93.820	ng	99
53) 3-Nitroaniline	14.445	138	6565	3.321	ng	# 92
54) 2,4-Dinitrophenol	14.616	184	639	5.956	ng	# 1
55) Dibenzofuran	14.868	168	962295	21.642	ng	# 85
56) 4-Nitrophenol	14.674	139	37697	6.268	ng	# 32
57) 2,4-Dinitrotoluene	14.868	165	47790	7.050	ng	# 47
58) Fluorene	15.539	166	8739114	249.142	ng	100
62) 4-Nitroaniline	15.539	138	99370	15.943	ng	# 17
66) n-Nitrosodiphenylamine	15.733	169	103923	4.001	ng	# 1
71) Phenanthrene	17.298	178	26723773	575.855	ng	96
72) Anthracene	17.392	178	11226729	244.604	ng	98
73) Carbazole	17.651	167	644050	15.504	ng	97
75) Fluoranthene	19.327	202	13425578	257.503	ng	98
78) Pyrene	19.692	202	19901174	434.575	ng	94
81) Benzo(a)anthracene	21.433	228	10171919	229.131	ng	# 88
83) Chrysene	21.492	228	9007738	209.778	ng	94
84) Bis(2-ethylhexyl)phtha...	21.339	149	45080	4.147	ng	# 87
87) Indeno(1,2,3-cd)pyrene	26.309	276	3821757	60.887	ng	# 92
88) Benzo(b)fluoranthene	23.115	252	10102500	199.193	ng	98
89) Benzo(k)fluoranthene	23.115	252	10102500	194.732	ng	98
90) Benzo(a)pyrene	23.627	252	5360382	109.997	ng	99
91) Dibenzo(a,h)anthracene	26.309	278	1345632	25.703	ng	96
92) Benzo(g,h,i)perylene	27.079	276	4242767	82.822	ng	# 95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
Response via : Initial Calibration

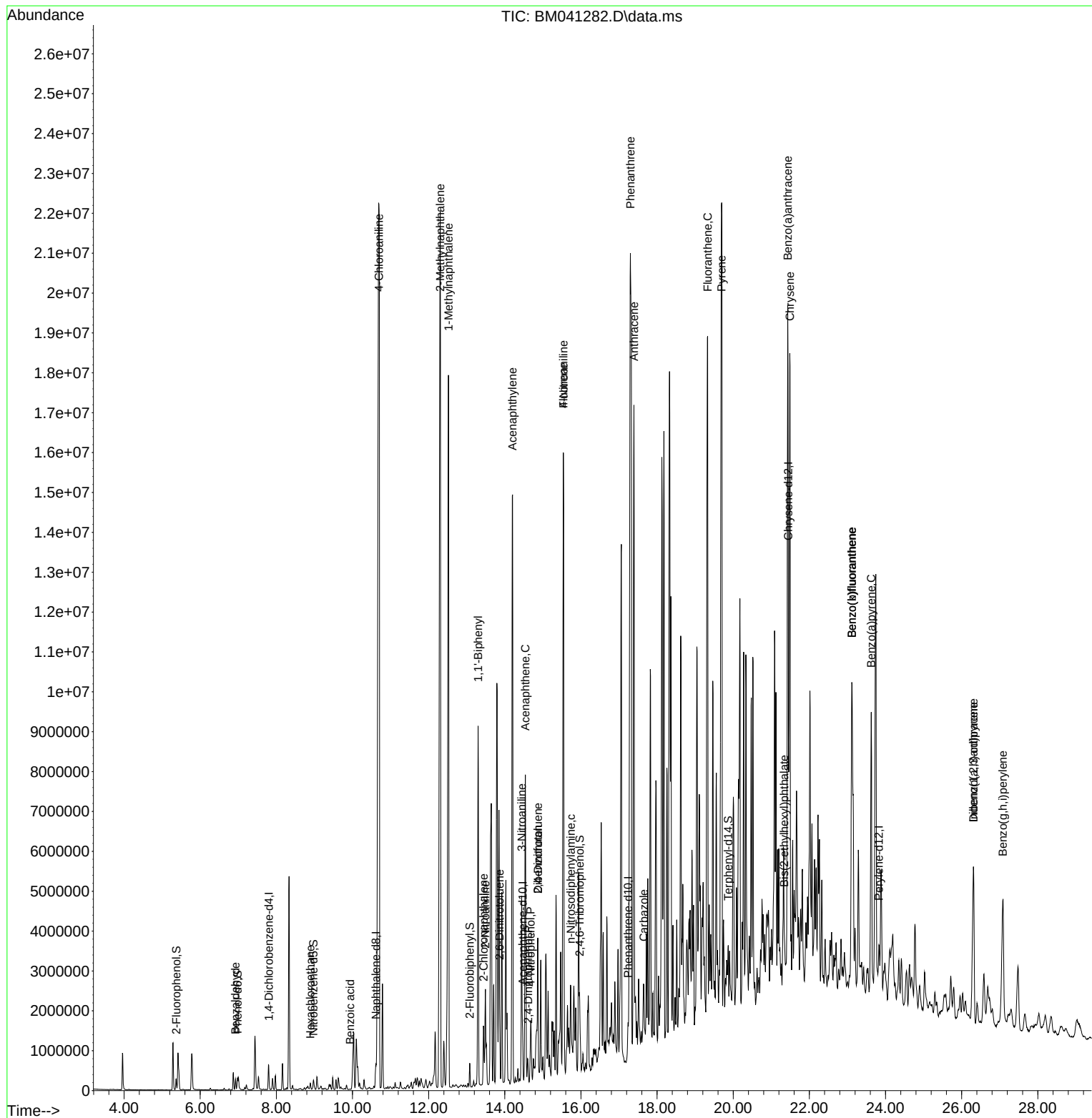
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

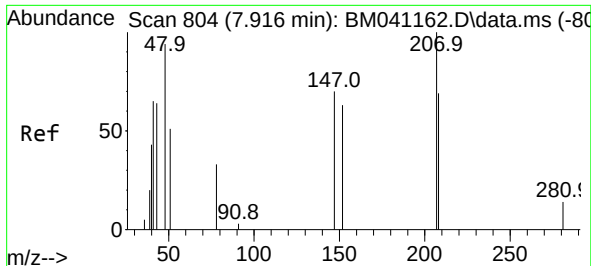
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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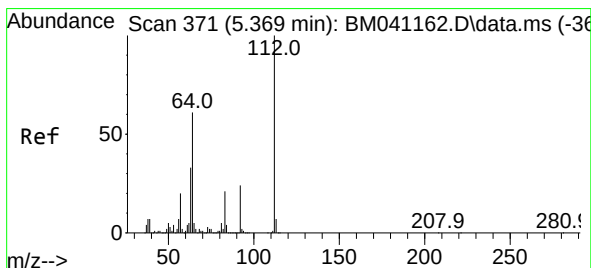
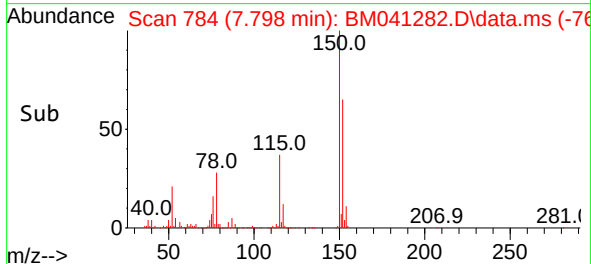
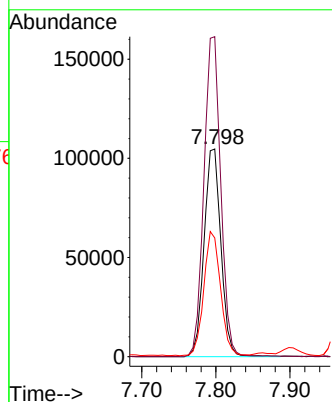
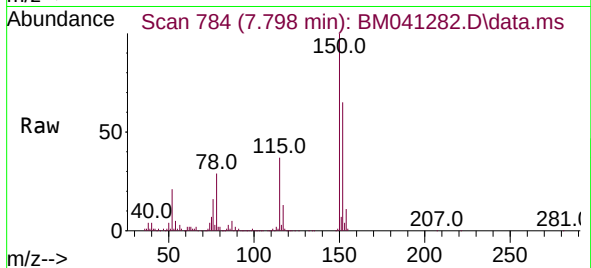




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 784
Delta R.T. 0.005 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

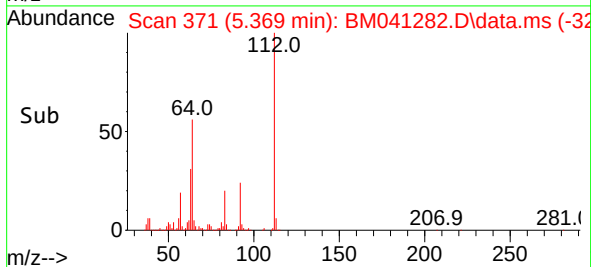
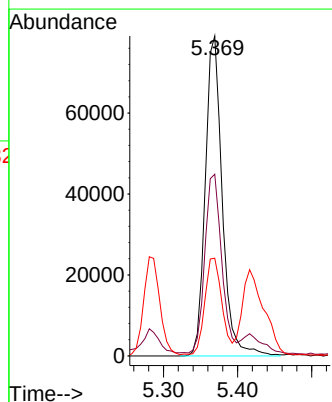
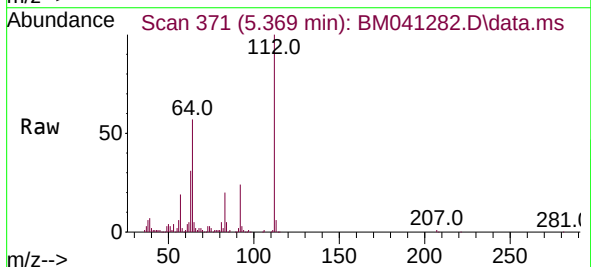
Instrument :
BNA_M
ClientSampleId :
DUP-01

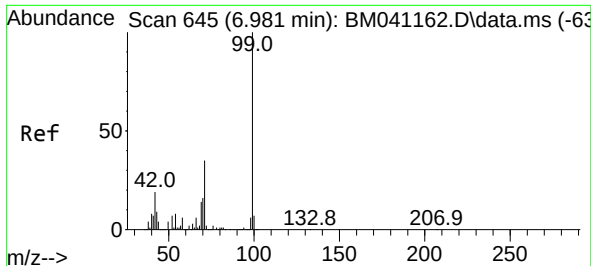
Tgt Ion:152 Resp: 165007
Ion Ratio Lower Upper
152 100
150 154.2 125.5 188.3
115 57.1 48.0 72.0



#5
2-Fluorophenol
Concen: 11.382 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

Tgt Ion:112 Resp: 125666
Ion Ratio Lower Upper
112 100
64 56.8 48.5 72.7
63 30.5 26.5 39.7

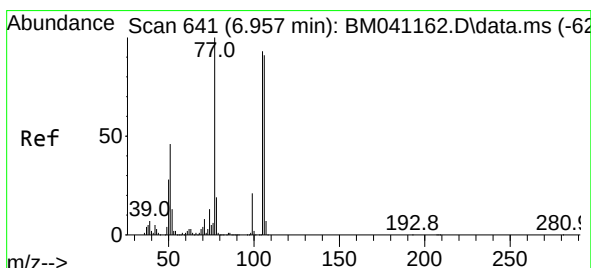
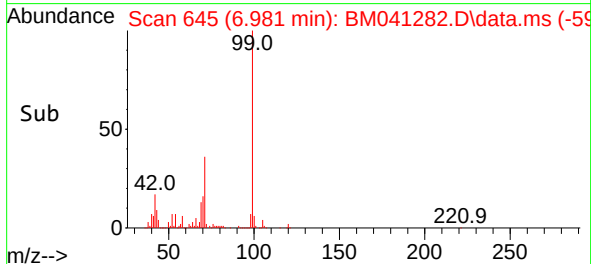
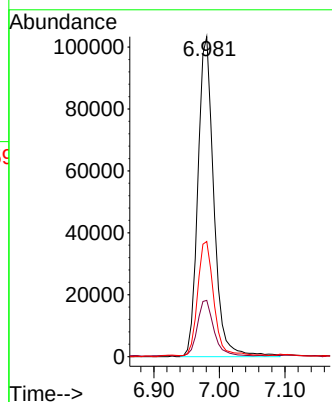
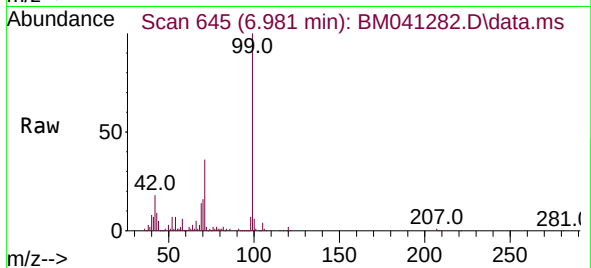




#7
Phenol-d6
Concen: 12.128 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

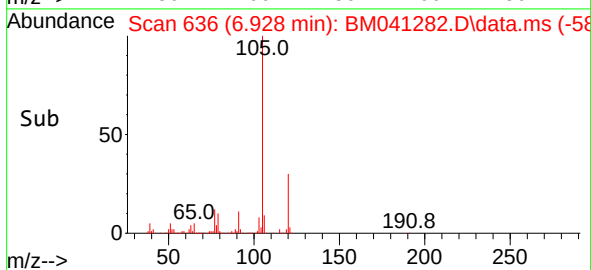
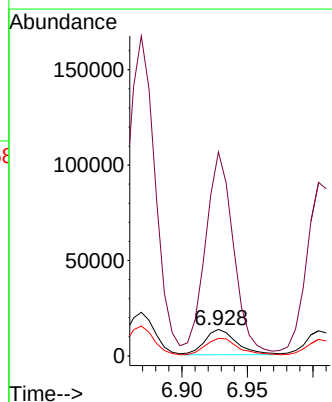
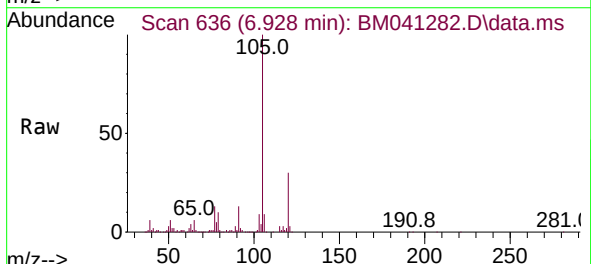
Instrument :
BNA_M
ClientSampleId :
DUP-01

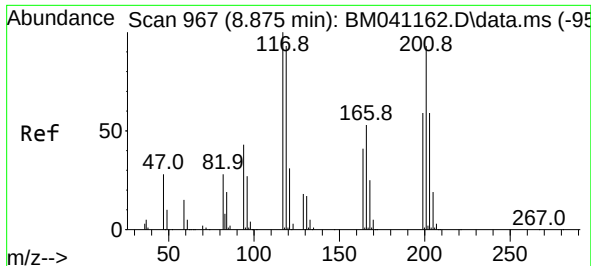
Tgt Ion: 99 Resp: 173558
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 36.0 28.2 42.4



#9
Benzaldehyde
Concen: 3.019 ng
RT: 6.928 min Scan# 636
Delta R.T. -0.018 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

Tgt Ion: 77 Resp: 22797
Ion Ratio Lower Upper
77 100
105 767.8 72.8 112.8#
106 66.3 70.8 110.8#

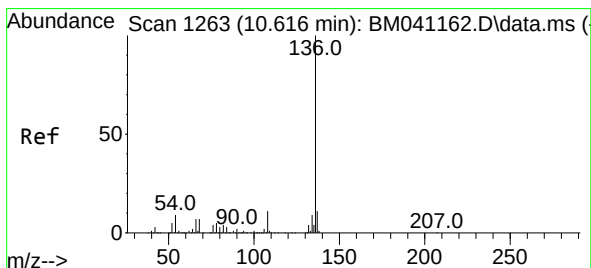
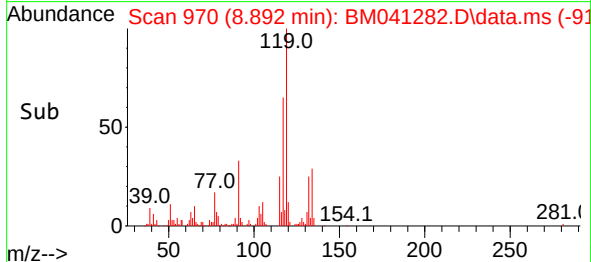
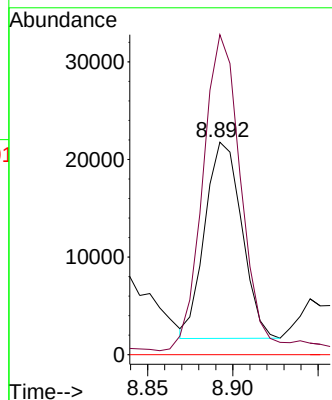
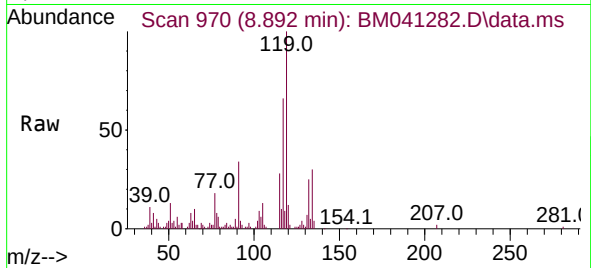




#18
Hexachloroethane
Concen: 6.882 ng
RT: 8.892 min Scan# 91
Delta R.T. 0.029 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

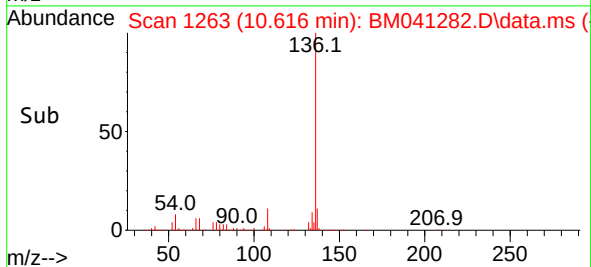
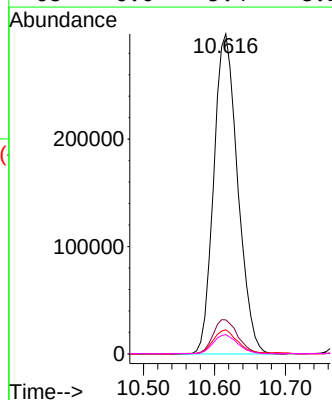
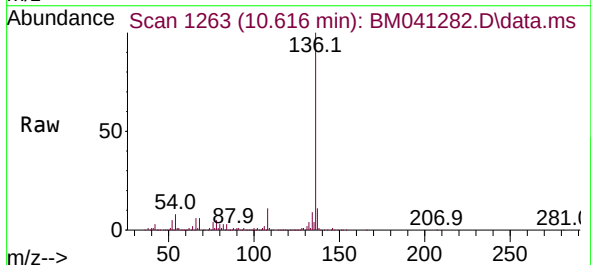
Instrument :
BNA_M
ClientSampleId :
DUP-01

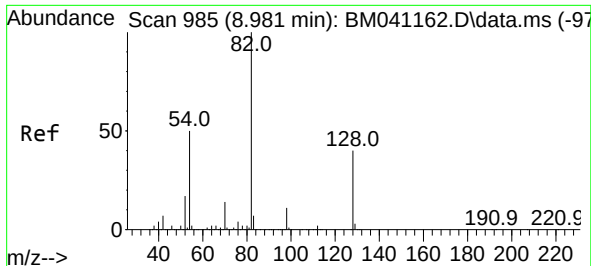
Tgt Ion:117 Resp: 30215
Ion Ratio Lower Upper
117 100
119 150.7 74.2 111.4#
201 0.0 74.5 111.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1263
Delta R.T. 0.012 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

Tgt Ion:136 Resp: 698113
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.5 6.9 10.3
68 6.0 5.4 8.2

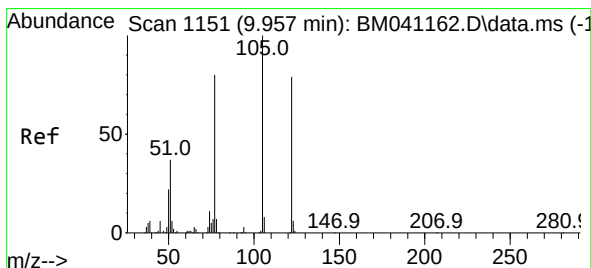
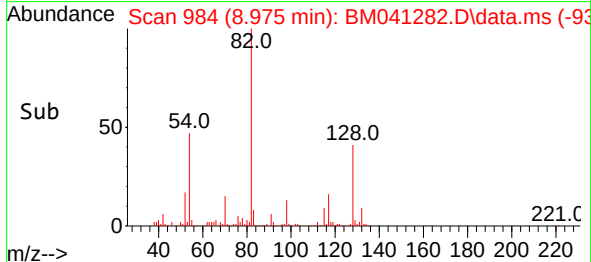
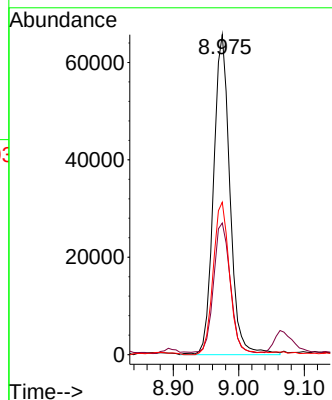
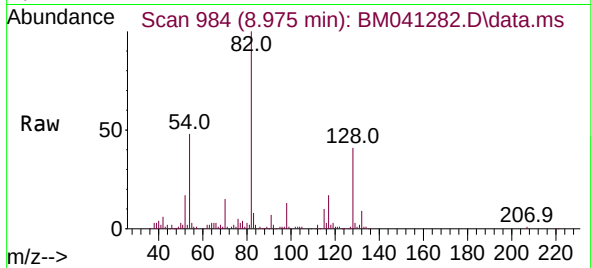




#23
Nitrobenzene-d5
Concen: 7.623 ng
RT: 8.975 min Scan# 985
Delta R.T. -0.000 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

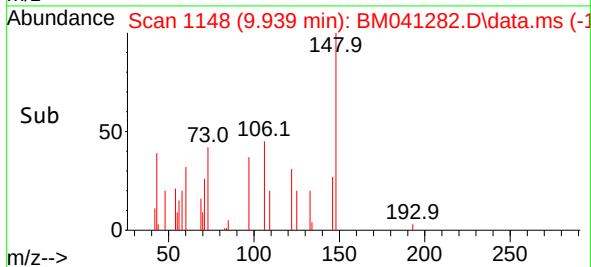
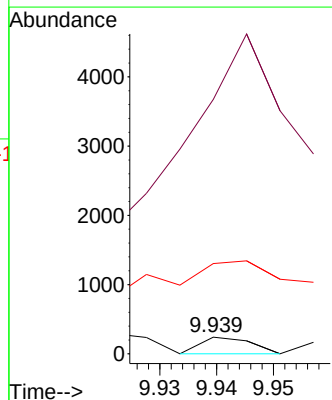
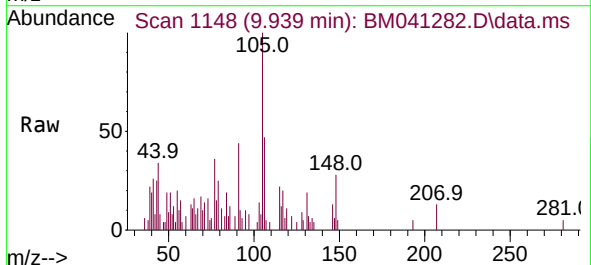
Instrument :
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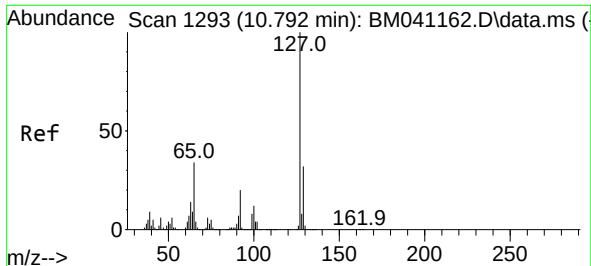
Tgt Ion: 82 Resp: 114437
Ion Ratio Lower Upper
82 100
128 41.1 31.8 47.6
54 47.6 40.1 60.1



#32
Benzoic acid
Concen: 7.172 ng
RT: 9.939 min Scan# 1148
Delta R.T. -0.018 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

Tgt Ion: 122 Resp: 152
Ion Ratio Lower Upper
122 100
105 1524.9 104.0 144.0#
77 541.5 79.9 119.9#

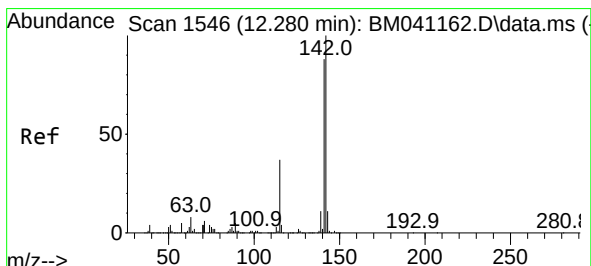
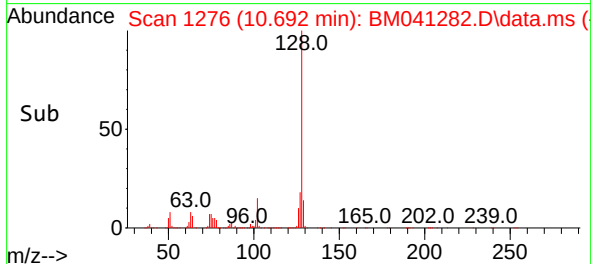
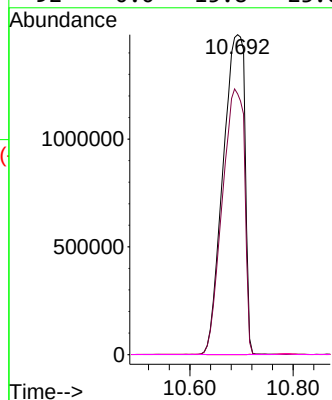
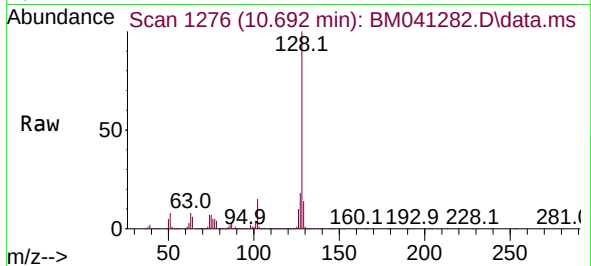




#33
4-Chloroaniline
Concen: 290.322 ng
RT: 10.692 min Scan# 11
Delta R.T. -0.088 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

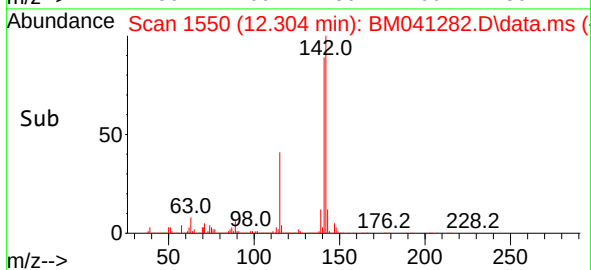
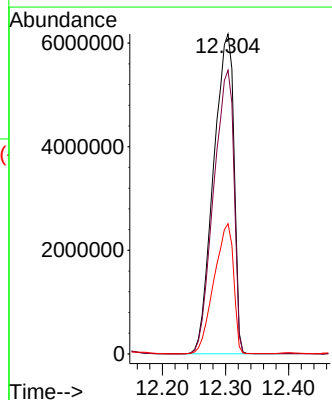
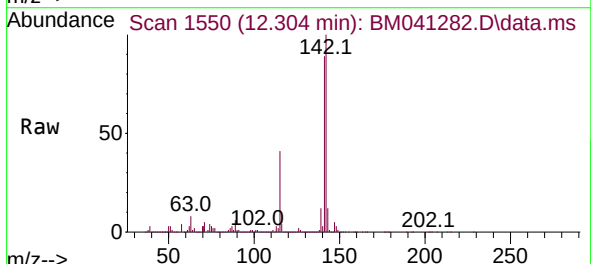
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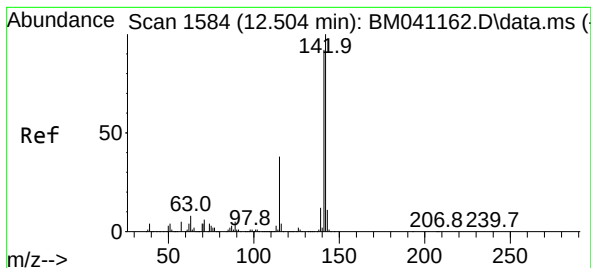
Tgt Ion:127 Resp: 4395355
Ion Ratio Lower Upper
127 100
129 81.5 25.9 38.9#
65 0.0 26.9 40.3#
92 0.0 15.8 23.6#



#37
2-Methylnaphthalene
Concen: 542.397 ng
RT: 12.304 min Scan# 1550
Delta R.T. 0.029 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

Tgt Ion:142 Resp:13853006
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.1
115 40.7 29.3 43.9





#38

1-Methylnaphthalene

Concen: 411.230 ng

RT: 12.522 min Scan# 11

Delta R.T. 0.029 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

Instrument :

BNA_M

ClientSampleId :

DUP-01

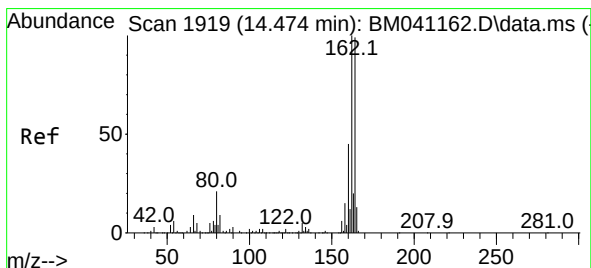
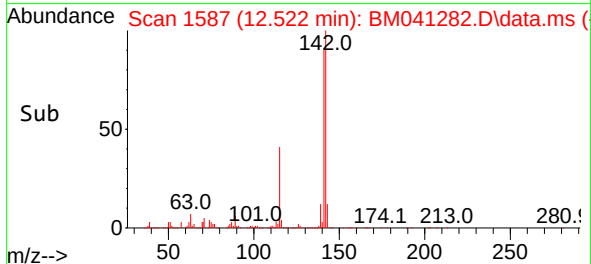
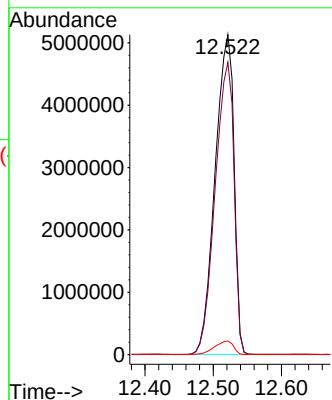
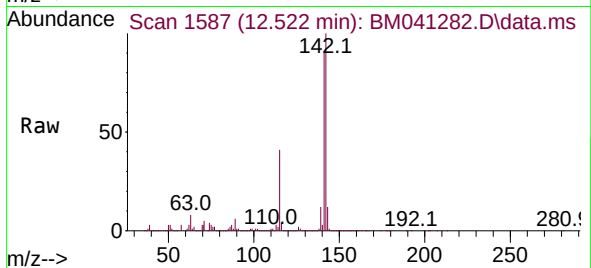
Tgt Ion:142 Resp: 9830171

Ion Ratio Lower Upper

142 100

141 91.3 73.4 110.2

116 4.3 3.2 4.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.469 min Scan# 1918

Delta R.T. 0.006 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

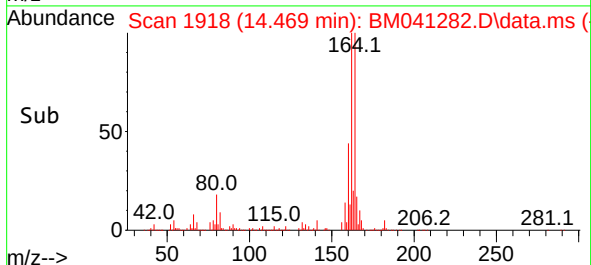
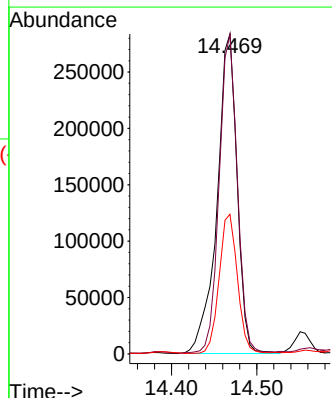
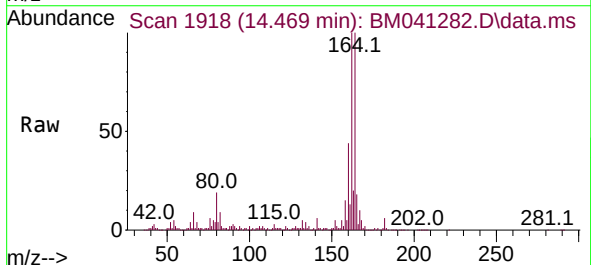
Tgt Ion:164 Resp: 463011

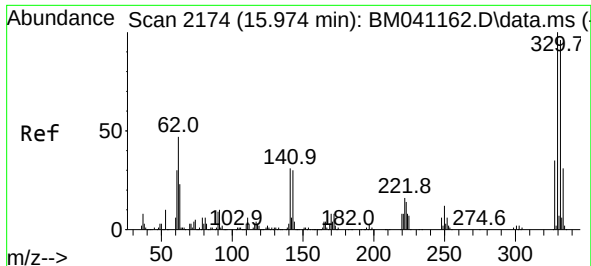
Ion Ratio Lower Upper

164 100

162 99.8 80.4 120.6

160 43.6 36.2 54.2

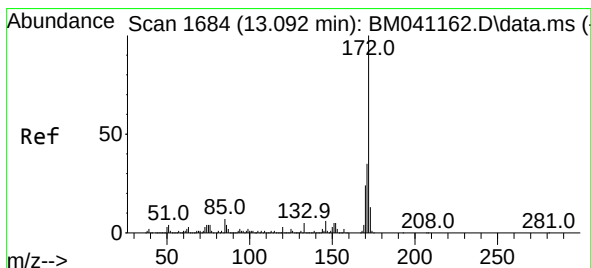
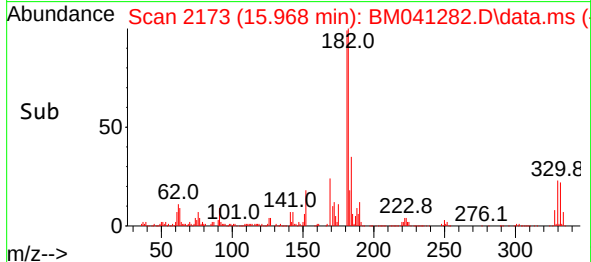
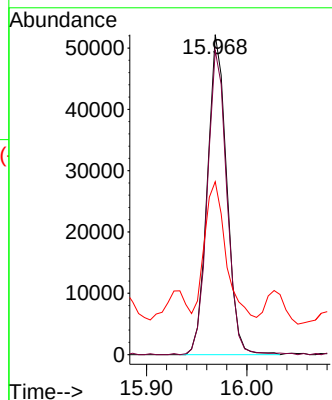
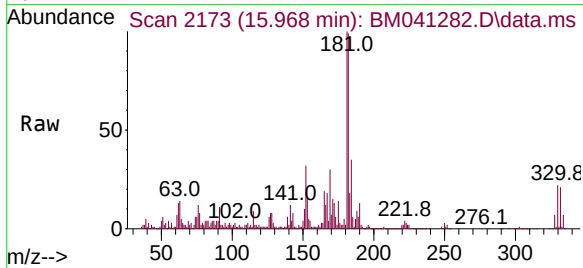




#42
2,4,6-Tribromophenol
Concen: 10.669 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

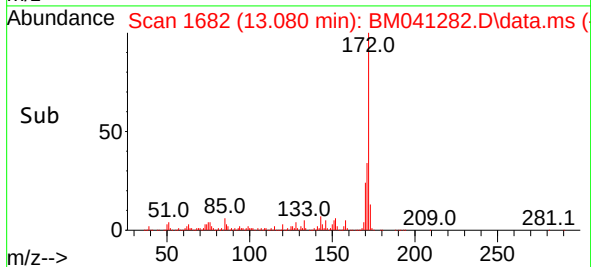
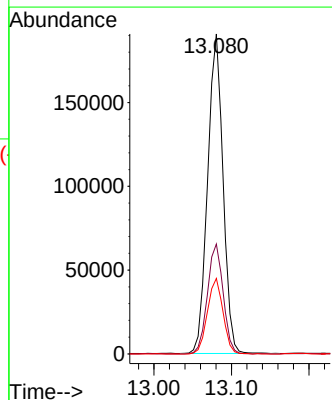
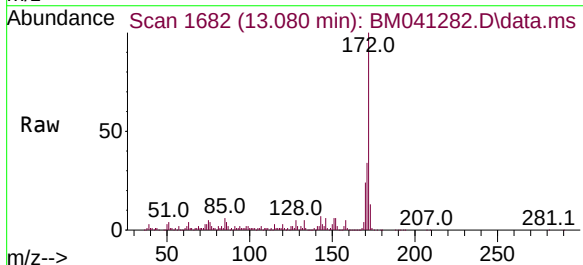
Instrument :
BNA_M
ClientSampleId :
DUP-01

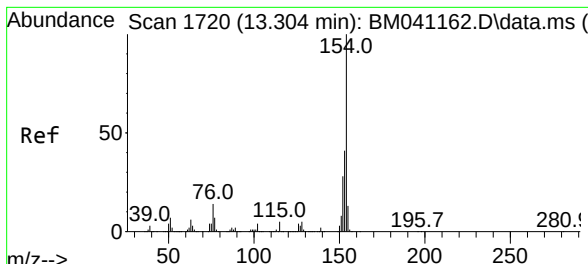
Tgt Ion:330 Resp: 69870
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 50.4 28.3 42.5#



#45
2-Fluorobiphenyl
Concen: 7.169 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

Tgt Ion:172 Resp: 262762
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.6 18.9 28.3



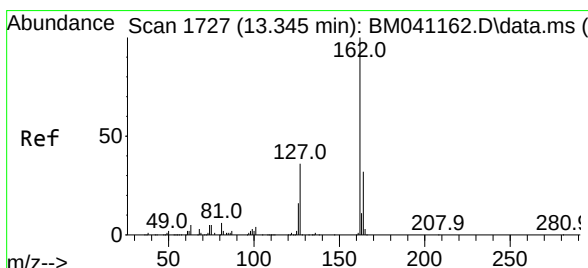
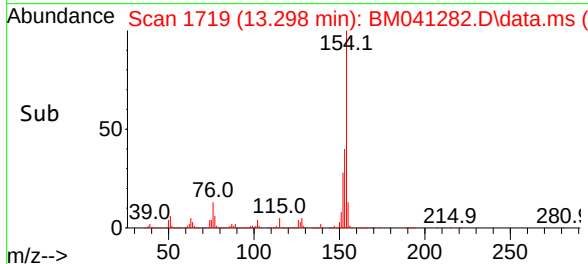
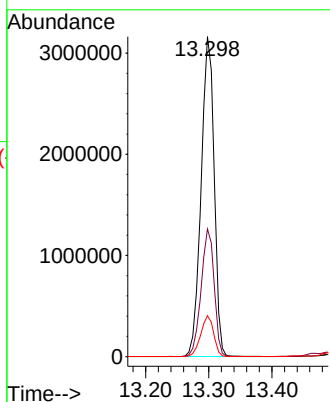
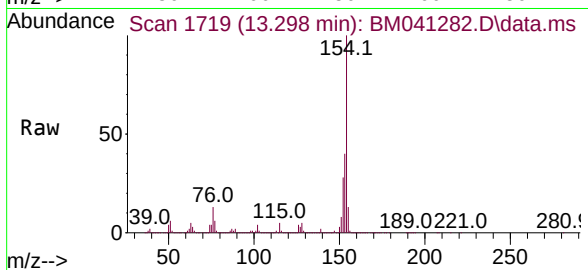


#46
 1,1'-Biphenyl
 Concen: 120.758 ng
 RT: 13.298 min Scan# 1719
 Delta R.T. 0.006 min
 Lab File: BM041282.D
 Acq: 04 Aug 2023 03:35

Instrument :
 BNA_M
 ClientSampleId :
 DUP-01

Tgt Ion:154 Resp: 4532758

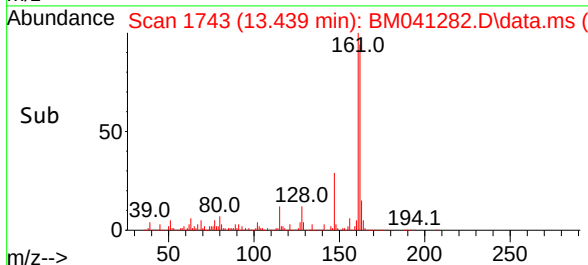
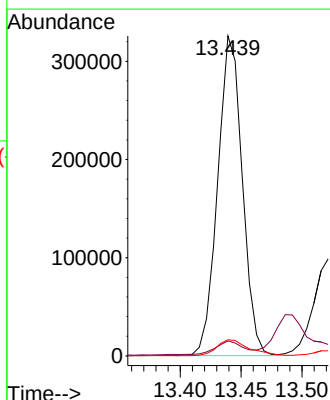
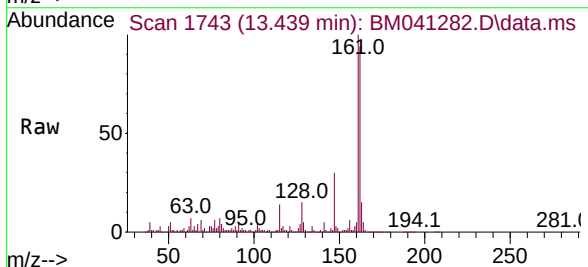
Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	12.8	0.0	34.1

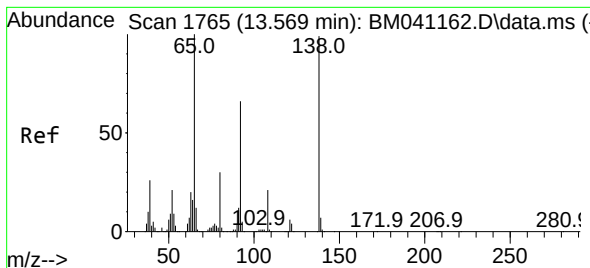


#47
 2-Chloronaphthalene
 Concen: 16.335 ng
 RT: 13.439 min Scan# 1743
 Delta R.T. 0.106 min
 Lab File: BM041282.D
 Acq: 04 Aug 2023 03:35

Tgt Ion:162 Resp: 457826

Ion	Ratio	Lower	Upper
162	100		
127	4.7	30.6	45.8#
164	5.0	25.6	38.4#





#48

2-Nitroaniline

Concen: 2.505 ng

RT: 13.486 min Scan# 1765

Delta R.T. -0.071 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

Instrument :

BNA_M

ClientSampleId :

DUP-01

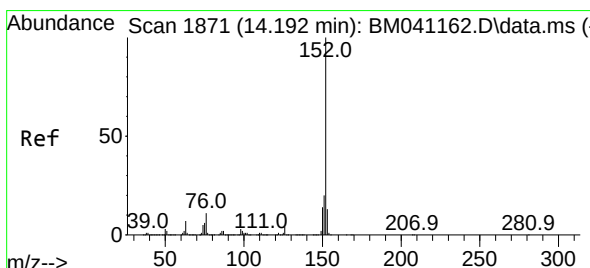
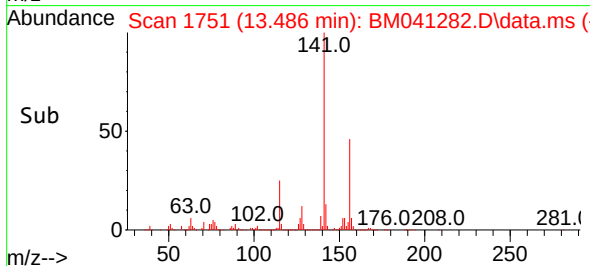
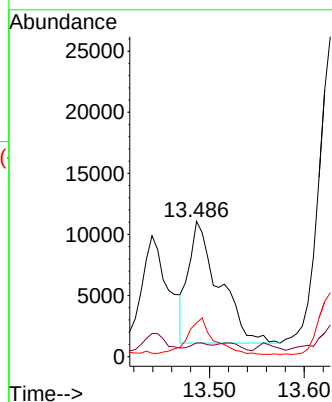
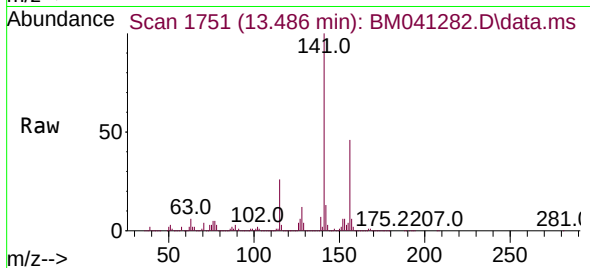
Tgt Ion: 65 Resp: 22409

Ion Ratio Lower Upper

65 100

92 10.2 53.0 79.4#

138 24.9 79.1 118.7#



#49

Acenaphthylene

Concen: 229.017 ng

RT: 14.204 min Scan# 1873

Delta R.T. 0.018 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

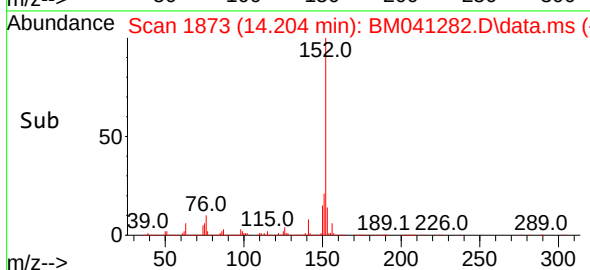
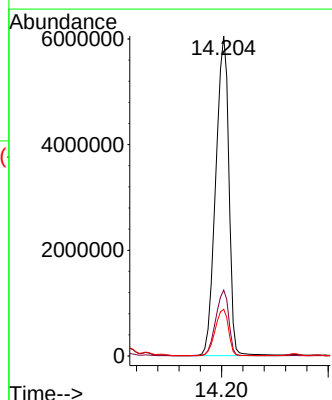
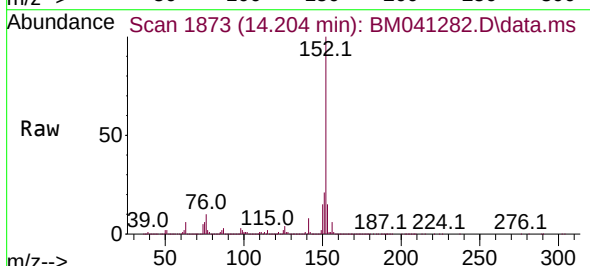
Tgt Ion: 152 Resp: 10360138

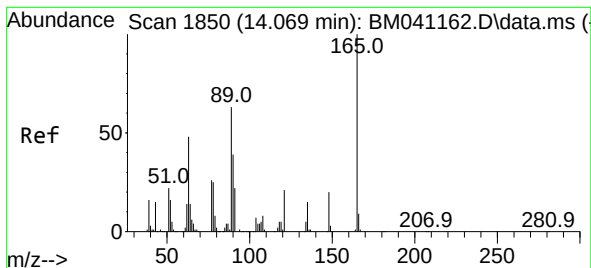
Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

153 14.6 10.5 15.7

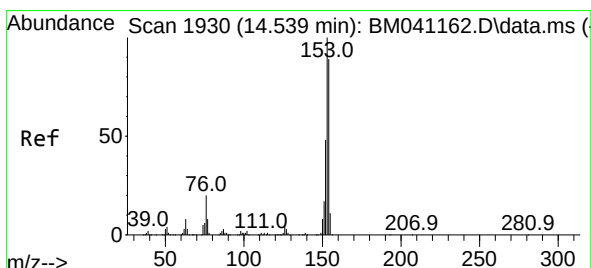
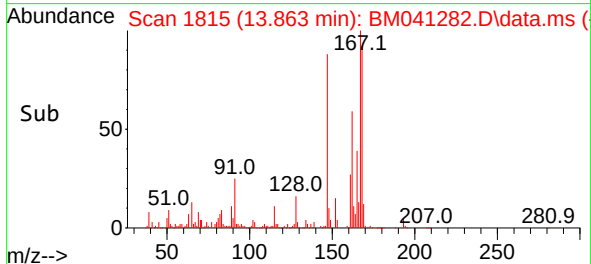
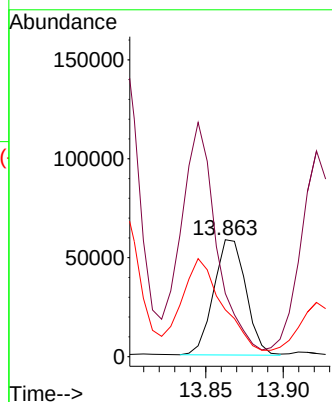
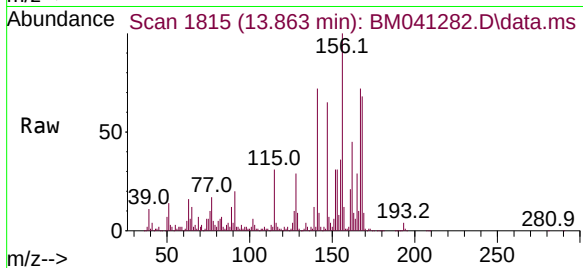




#51
2,6-Dinitrotoluene
Concen: 11.725 ng
RT: 13.863 min Scan# 1850
Delta R.T. -0.200 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

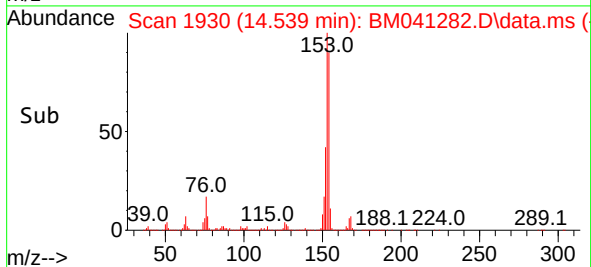
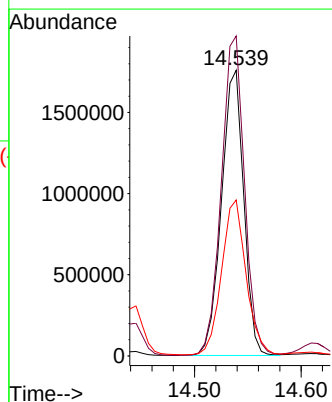
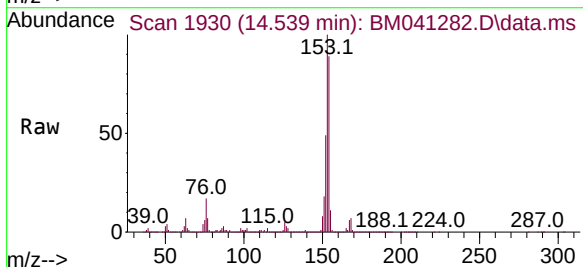
Instrument :
BNA_M
ClientSampleId :
DUP-01

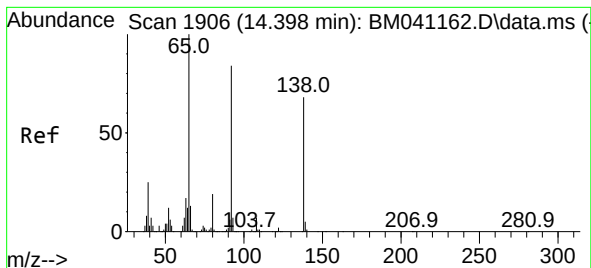
Tgt Ion:165 Resp: 84611
Ion Ratio Lower Upper
165 100
63 54.1 50.9 76.3
89 40.1 50.6 76.0#



#52
Acenaphthene
Concen: 93.820 ng
RT: 14.539 min Scan# 1930
Delta R.T. 0.012 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

Tgt Ion:154 Resp: 2556819
Ion Ratio Lower Upper
154 100
153 112.0 90.2 135.4
152 54.6 43.4 65.0

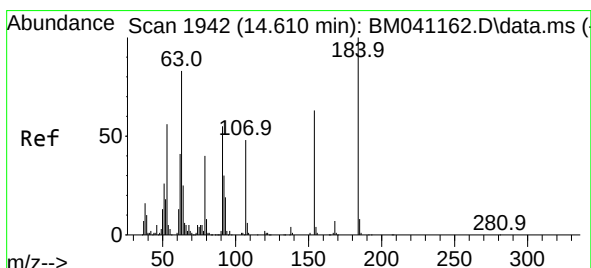
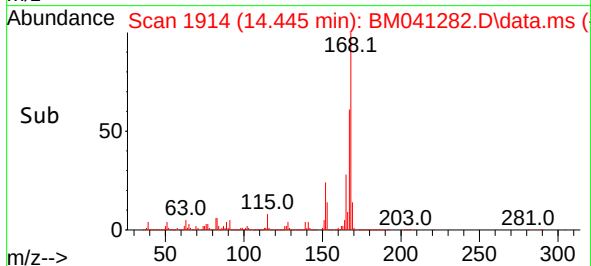
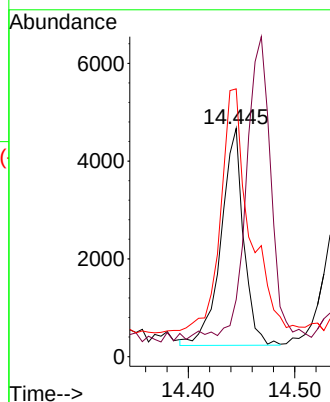
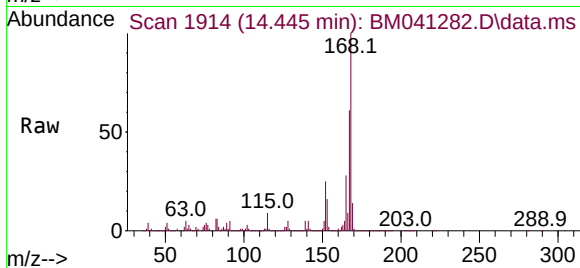




#53
3-Nitroaniline
Concen: 3.321 ng
RT: 14.445 min Scan# 1906
Delta R.T. 0.053 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

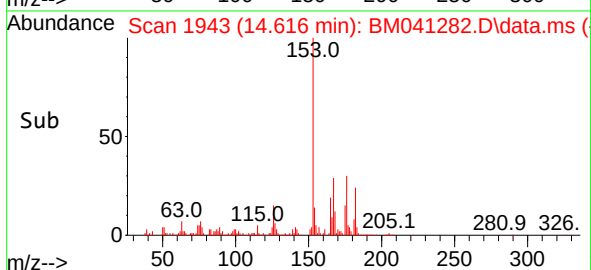
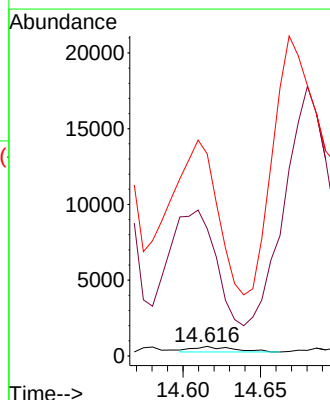
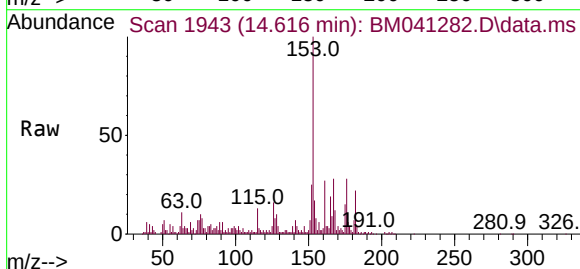
Instrument :
BNA_M
ClientSampleId :
DUP-01

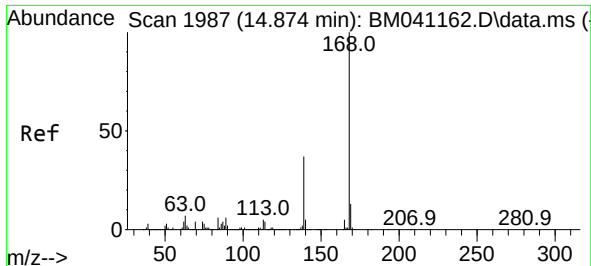
Tgt Ion:138 Resp: 6565
Ion Ratio Lower Upper
138 100
108 25.0 7.6 11.4#
92 117.3 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 5.956 ng
RT: 14.616 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

Tgt Ion:184 Resp: 639
Ion Ratio Lower Upper
184 100
63 1337.3 66.5 99.7#
154 2122.1 52.8 79.2#

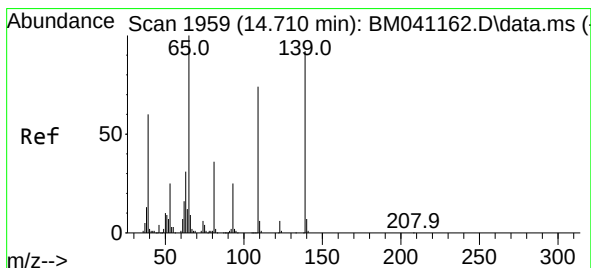
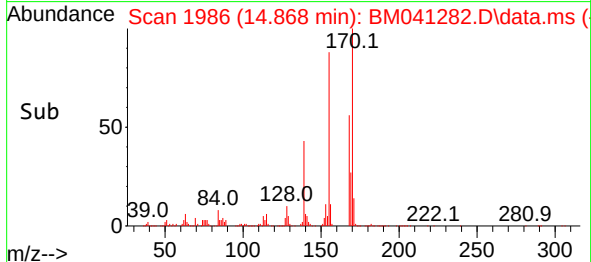
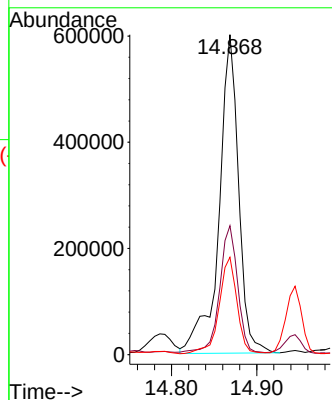
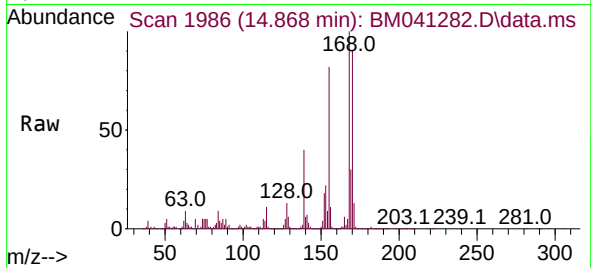




#55
Dibenzenofuran
Concen: 21.642 ng
RT: 14.868 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

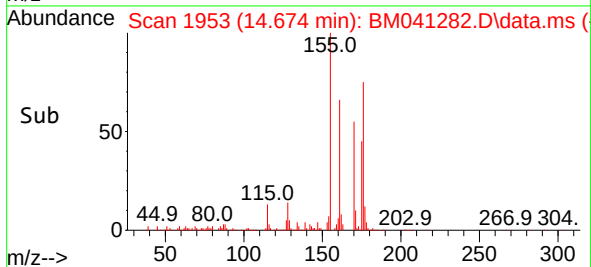
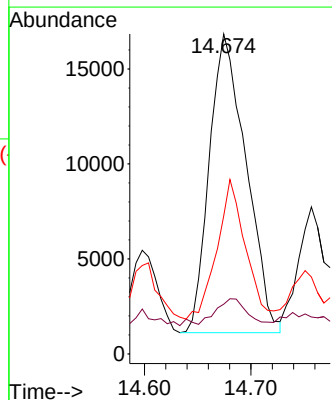
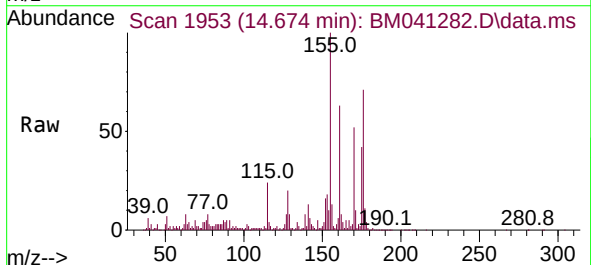
Instrument :
BNA_M
ClientSampleId :
DUP-01

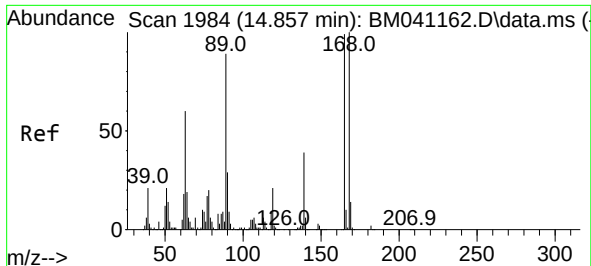
Tgt Ion:168 Resp: 962295
Ion Ratio Lower Upper
168 100
139 40.3 29.8 44.6
169 30.4 10.5 15.7#



#56
4-Nitrophenol
Concen: 6.268 ng
RT: 14.674 min Scan# 1953
Delta R.T. -0.047 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

Tgt Ion:139 Resp: 37697
Ion Ratio Lower Upper
139 100
109 15.5 61.2 101.2#
65 43.1 89.5 129.5#

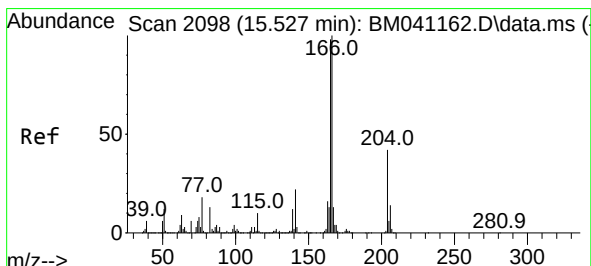
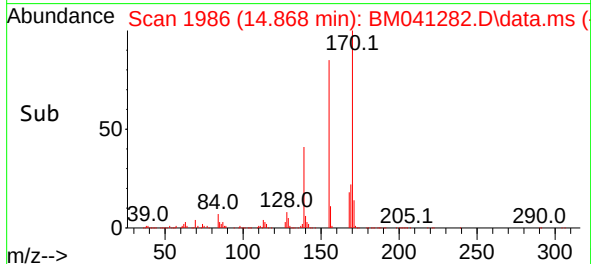
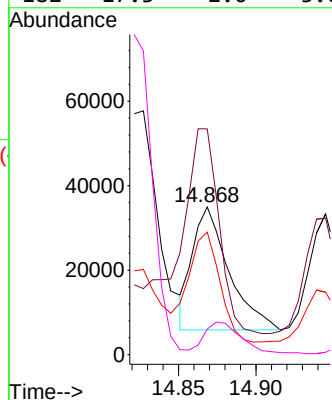
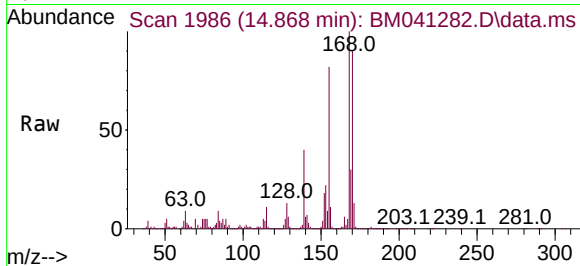




#57
2,4-Dinitrotoluene
Concen: 7.050 ng
RT: 14.868 min Scan# 1984
Delta R.T. 0.012 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

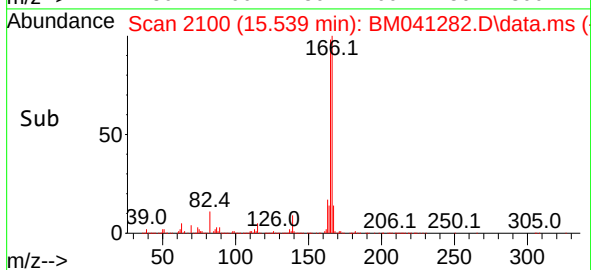
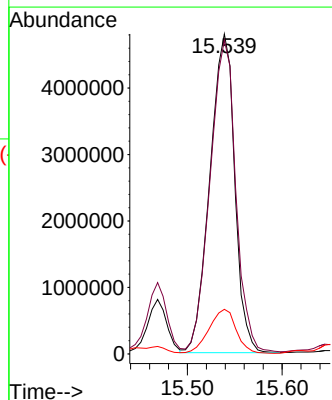
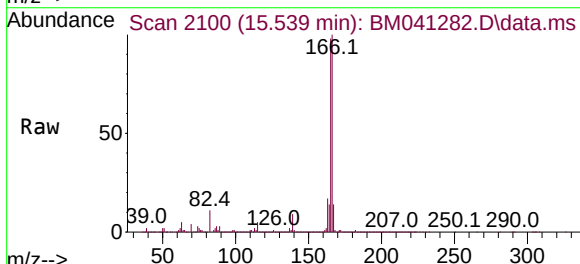
Instrument :
BNA_M
ClientSampleId :
DUP-01

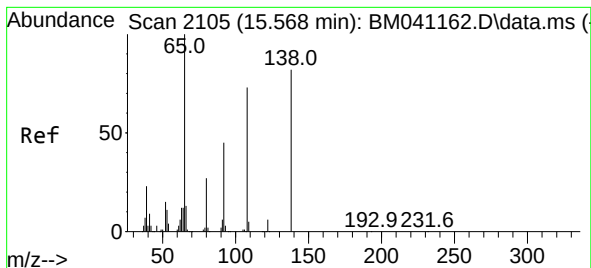
Tgt Ion:165 Resp: 47790
Ion Ratio Lower Upper
165 100
63 153.0 48.3 72.5#
89 83.0 71.8 107.8
182 17.3 2.0 3.0#



#58
Fluorene
Concen: 249.142 ng
RT: 15.539 min Scan# 2100
Delta R.T. 0.023 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

Tgt Ion:166 Resp: 8739114
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.4
167 13.9 10.6 16.0

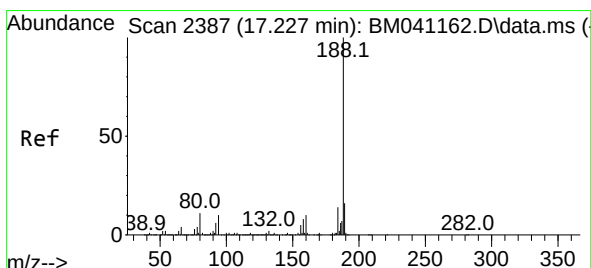
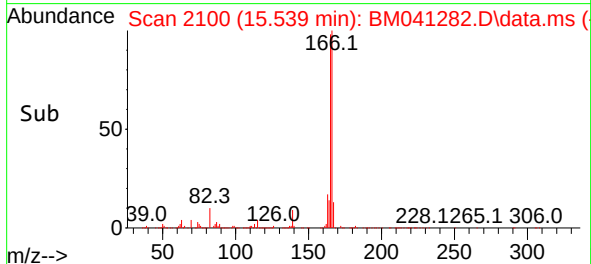
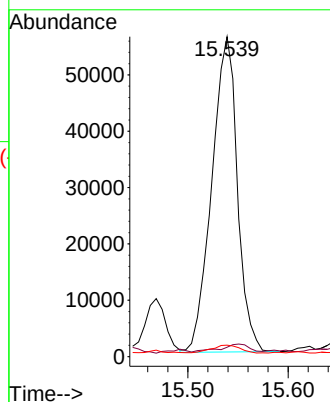
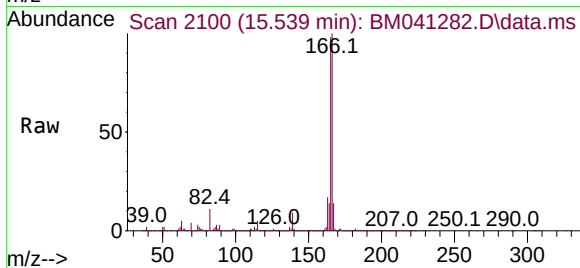




#62
4-Nitroaniline
Concen: 15.943 ng
RT: 15.539 min Scan# 2100
Delta R.T. -0.024 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

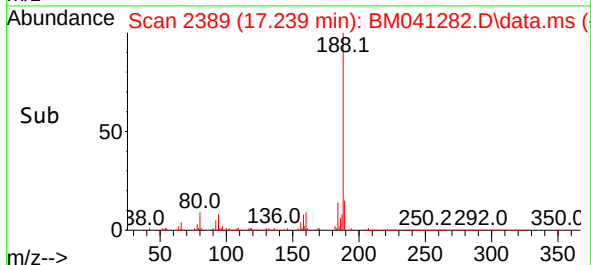
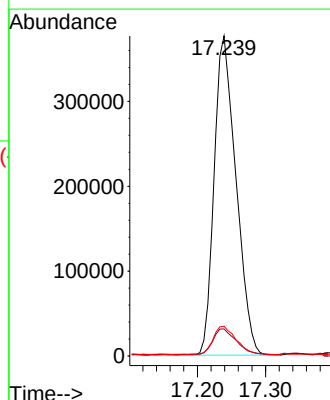
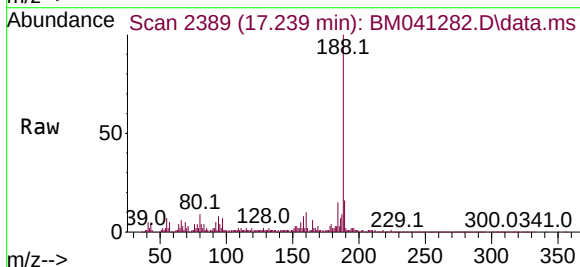
Instrument :
BNA_M
ClientSampleId :
DUP-01

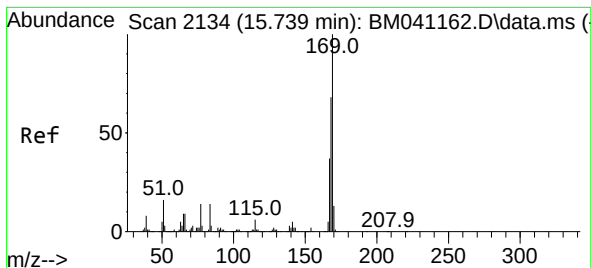
Tgt Ion:138 Resp: 99370
Ion Ratio Lower Upper
138 100
92 2.9 35.1 75.1#
108 3.6 67.8 107.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2389
Delta R.T. 0.018 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

Tgt Ion:188 Resp: 835254
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.3 8.6 13.0





#66

n-Nitrosodiphenylamine

Concen: 4.001 ng

RT: 15.733 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

Instrument :

BNA_M

ClientSampleId :

DUP-01

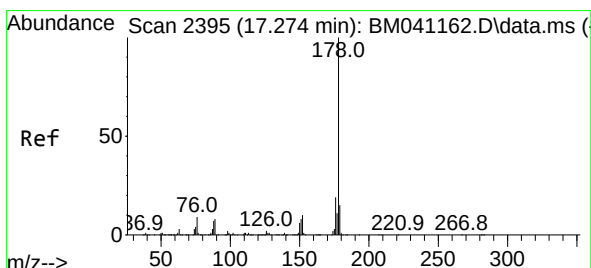
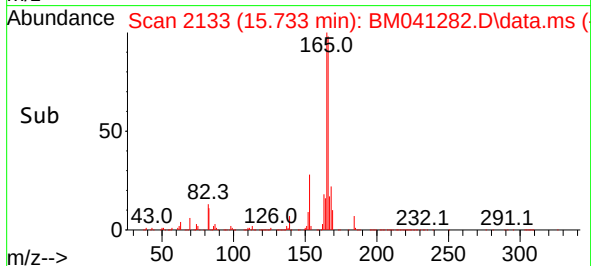
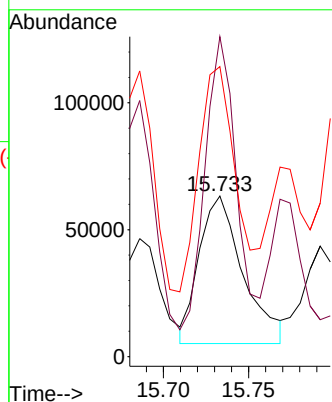
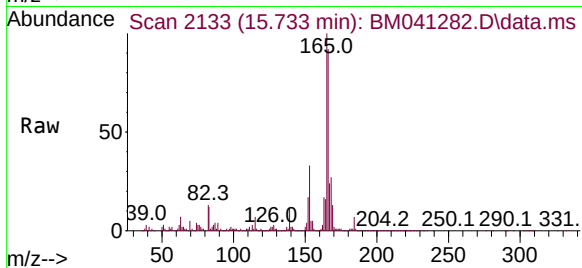
Tgt Ion:169 Resp: 103923

Ion Ratio Lower Upper

169 100

168 199.4 54.6 81.8#

167 180.6 29.9 44.9#



#71

Phenanthrene

Concen: 575.855 ng

RT: 17.298 min Scan# 2399

Delta R.T. 0.029 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

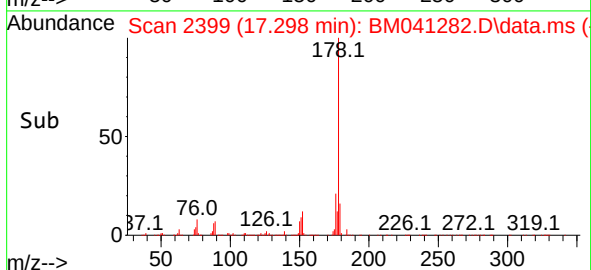
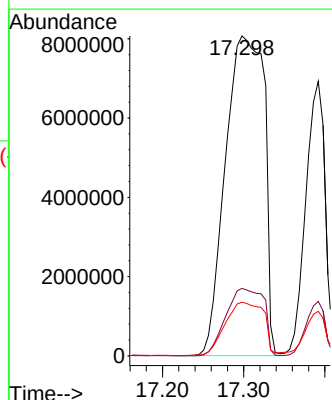
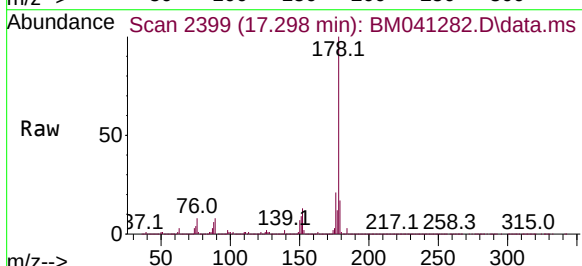
Tgt Ion:178 Resp:26723773

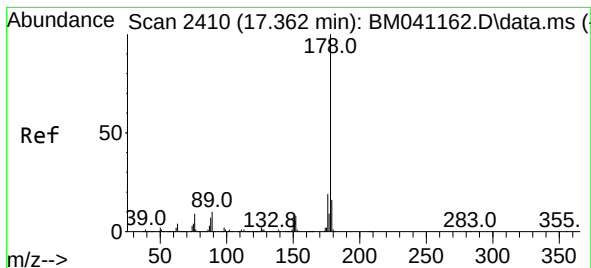
Ion Ratio Lower Upper

178 100

176 21.1 15.6 23.4

179 16.8 12.1 18.1





#72

Anthracene

Concen: 244.604 ng

RT: 17.392 min Scan# 2410

Delta R.T. 0.035 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

Instrument :

BNA_M

ClientSampleId :

DUP-01

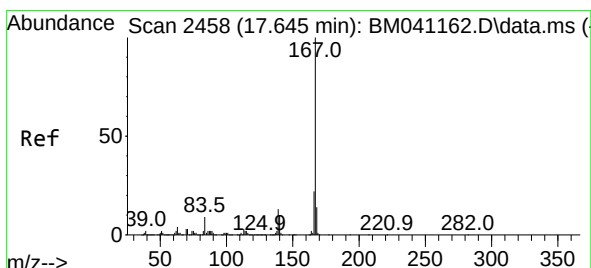
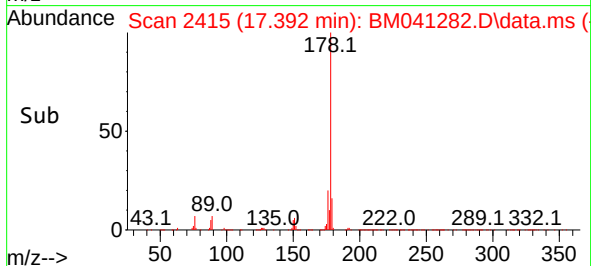
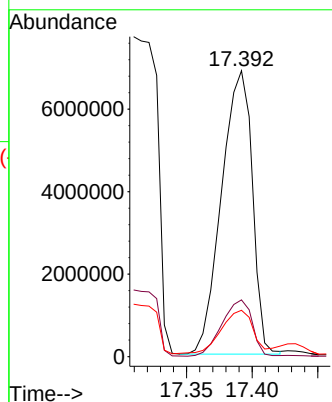
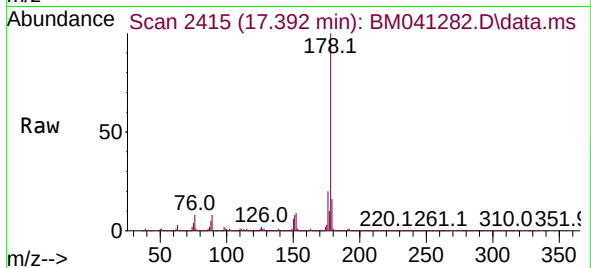
Tgt Ion:178 Resp:11226729

Ion Ratio Lower Upper

178 100

176 19.8 15.2 22.8

179 16.2 12.4 18.6



#73

Carbazole

Concen: 15.504 ng

RT: 17.651 min Scan# 2459

Delta R.T. 0.012 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

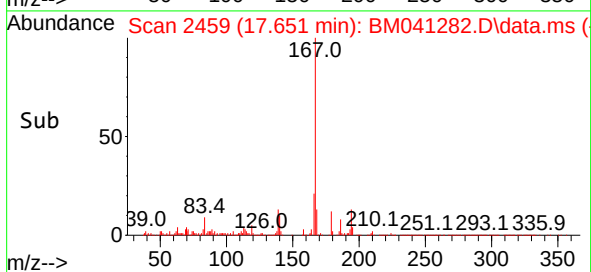
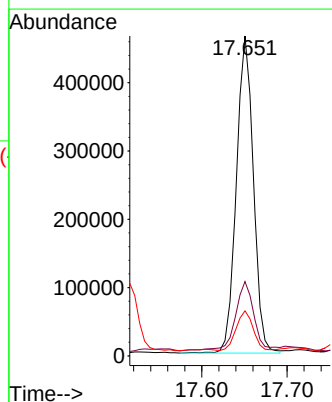
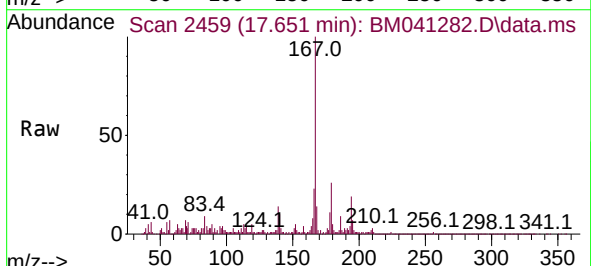
Tgt Ion:167 Resp: 644050

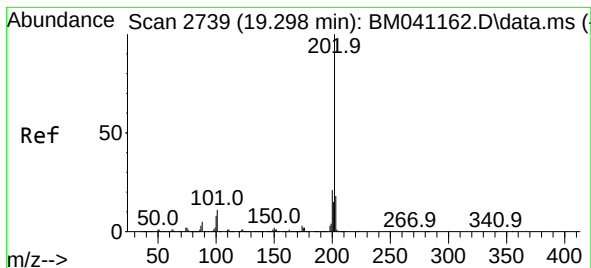
Ion Ratio Lower Upper

167 100

166 23.2 17.3 25.9

139 14.1 10.3 15.5





#75

Fluoranthene

Concen: 257.503 ng

RT: 19.327 min Scan# 21

Delta R.T. 0.035 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

Instrument :

BNA_M

ClientSampleId :

DUP-01

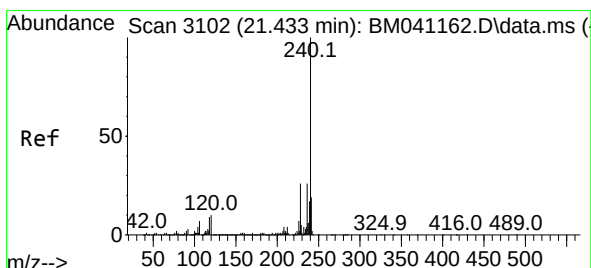
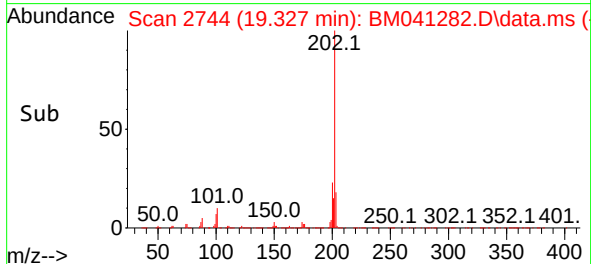
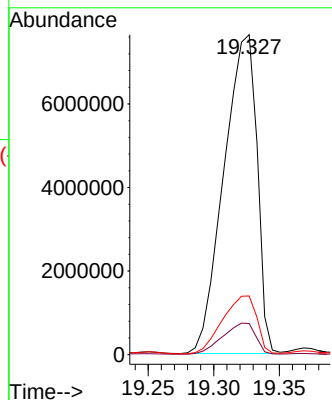
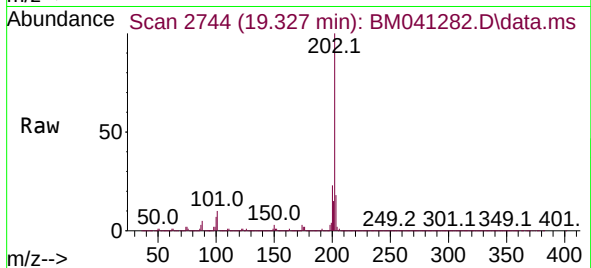
Tgt Ion:202 Resp:13425578

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.8

203 18.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 3104

Delta R.T. 0.012 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

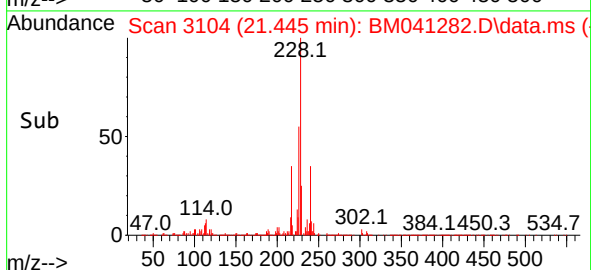
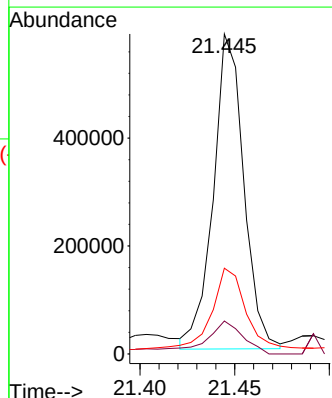
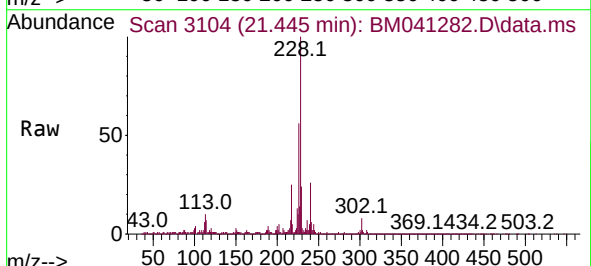
Tgt Ion:240 Resp: 654850

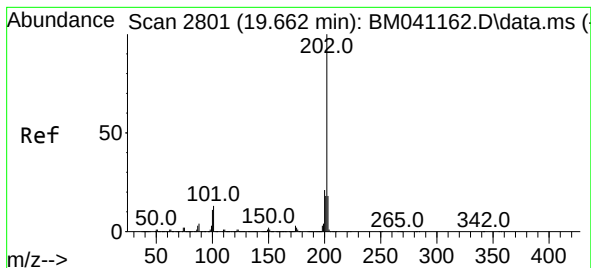
Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

236 26.8 20.6 30.8





#78

Pyrene

Concen: 434.575 ng

RT: 19.692 min Scan# 2806

Delta R.T. 0.035 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

Instrument :

BNA_M

ClientSampleId :

DUP-01

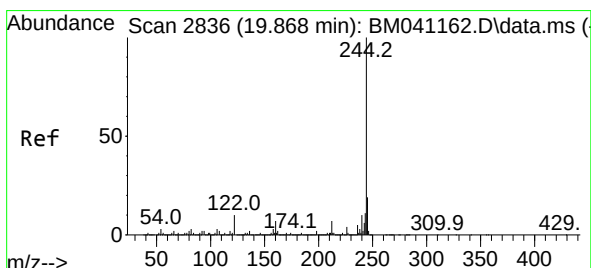
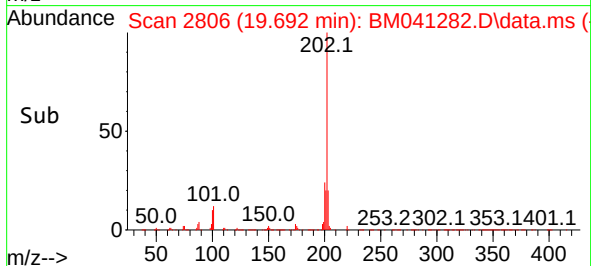
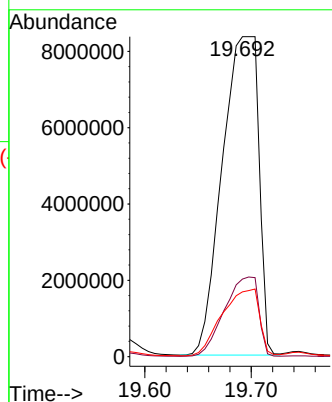
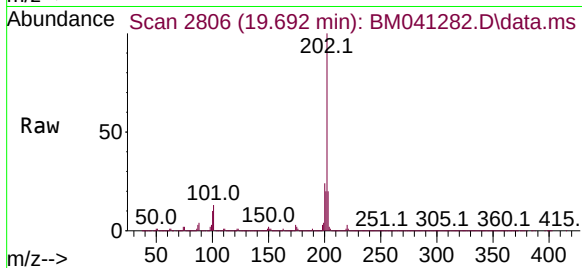
Tgt Ion:202 Resp:19901174

Ion Ratio Lower Upper

202 100

200 24.2 16.9 25.3

203 20.2 14.1 21.1



#79

Terphenyl-d14

Concen: 10.650 ng

RT: 19.868 min Scan# 2836

Delta R.T. 0.006 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

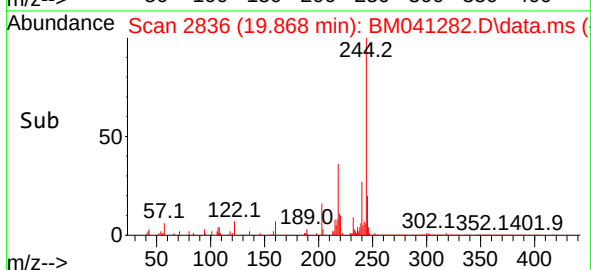
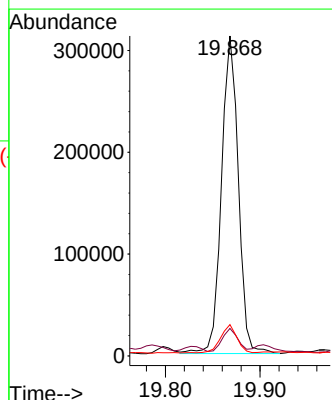
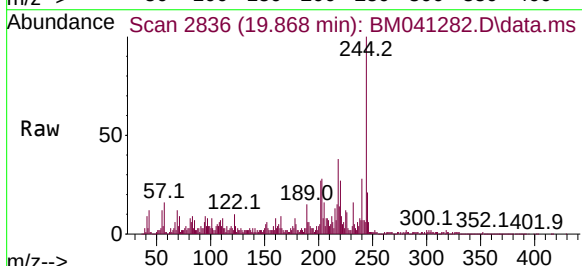
Tgt Ion:244 Resp: 385736

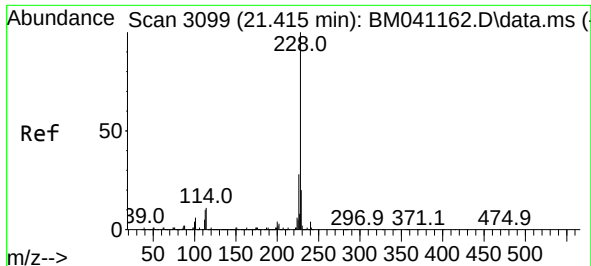
Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.2#

122 9.8 7.8 11.6

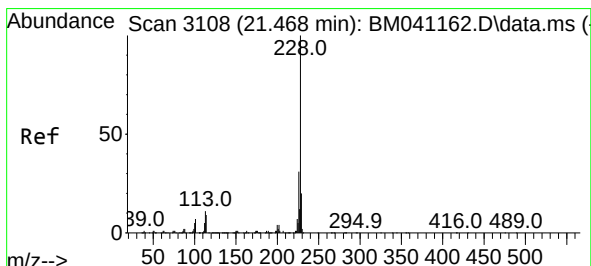
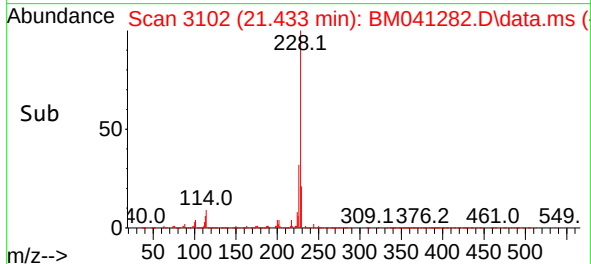
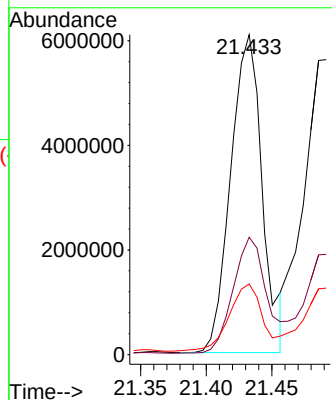
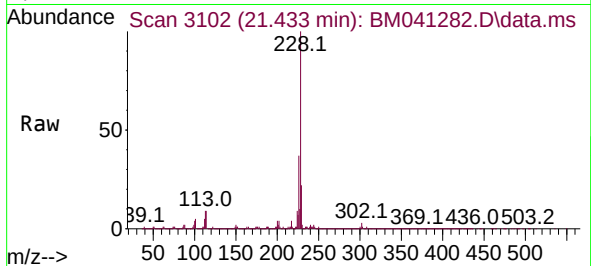




#81
Benzo(a)anthracene
Concen: 229.131 ng
RT: 21.433 min Scan# 3112
Delta R.T. 0.017 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

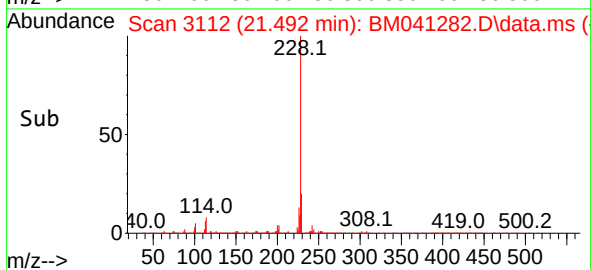
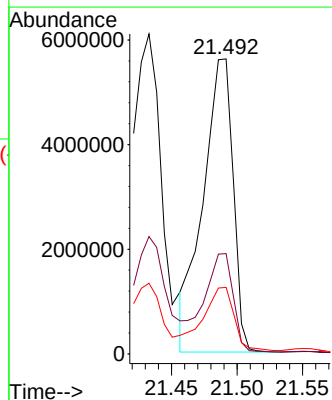
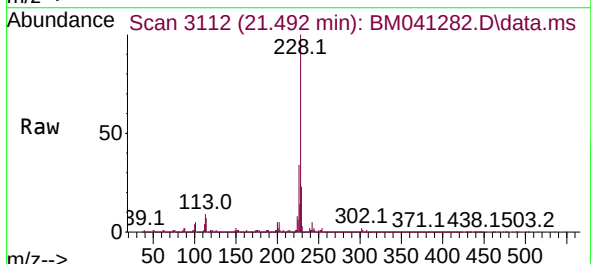
Instrument :
BNA_M
ClientSampleId :
DUP-01

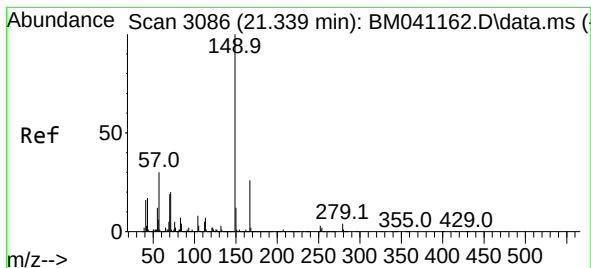
Tgt Ion:228 Resp:10171919
Ion Ratio Lower Upper
228 100
226 36.7 22.4 33.6#
229 22.1 15.8 23.8



#83
Chrysene
Concen: 209.778 ng
RT: 21.492 min Scan# 3112
Delta R.T. 0.023 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

Tgt Ion:228 Resp: 9007738
Ion Ratio Lower Upper
228 100
226 34.0 24.5 36.7
229 22.5 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.147 ng

RT: 21.339 min Scan# 3086

Delta R.T. 0.006 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

Instrument :

BNA_M

ClientSampleId :

DUP-01

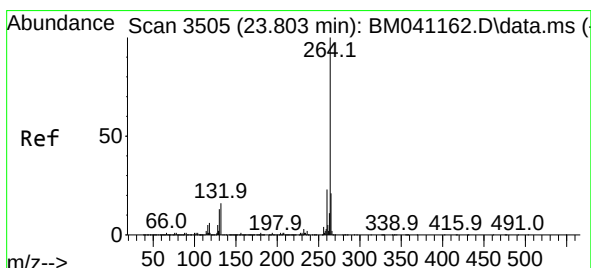
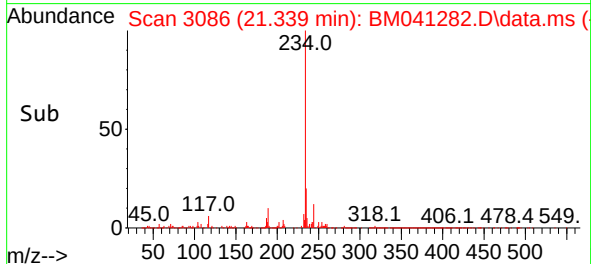
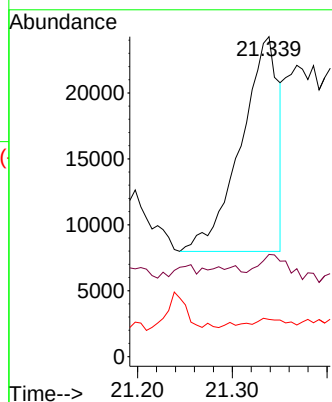
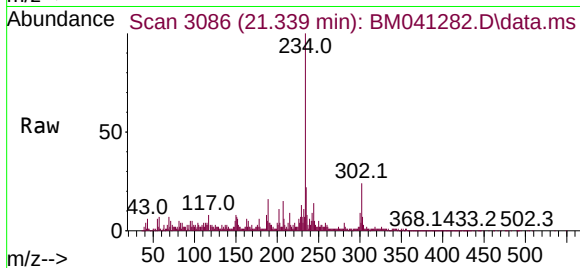
Tgt Ion:149 Resp: 45080

Ion Ratio Lower Upper

149 100

167 31.9 21.0 31.6#

279 11.6 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3509

Delta R.T. 0.023 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

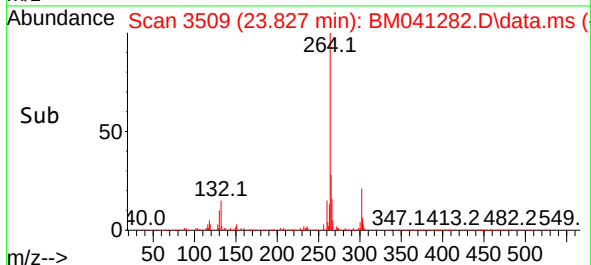
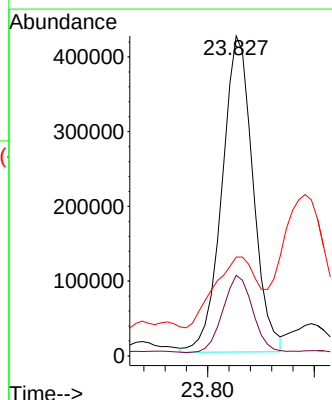
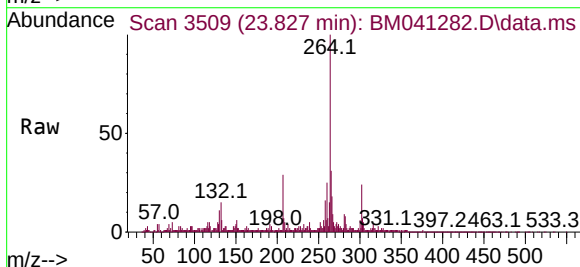
Tgt Ion:264 Resp: 853735

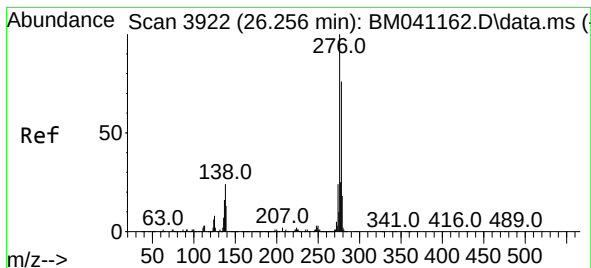
Ion Ratio Lower Upper

264 100

260 25.2 18.5 27.7

265 30.9 17.4 26.0#





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.887 ng

RT: 26.309 min Scan# 3922

Delta R.T. 0.047 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

Instrument :

BNA_M

ClientSampleId :

DUP-01

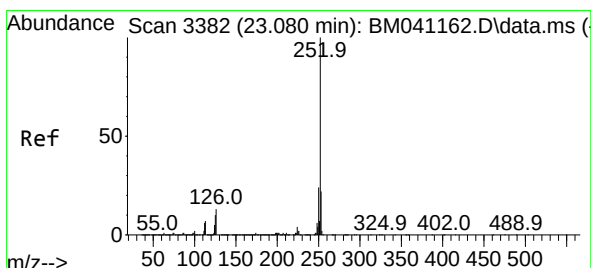
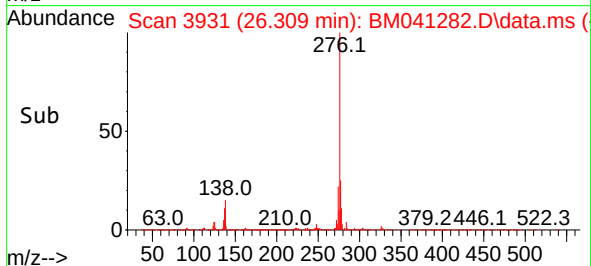
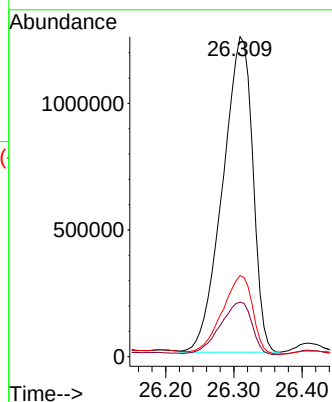
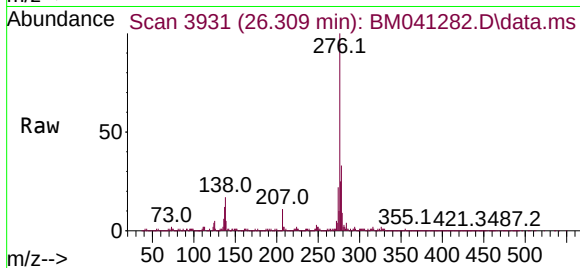
Tgt Ion:276 Resp: 3821757

Ion Ratio Lower Upper

276 100

138 17.5 20.0 30.0#

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 199.193 ng

RT: 23.115 min Scan# 3388

Delta R.T. 0.029 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

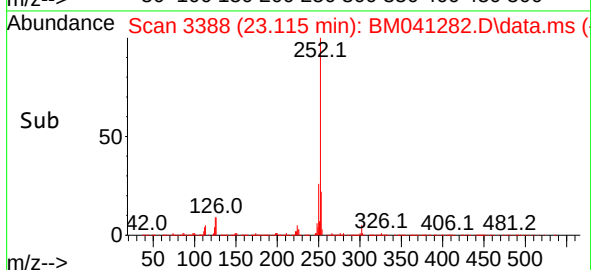
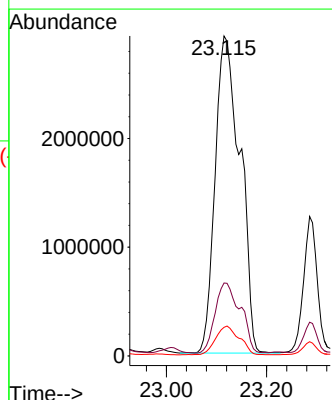
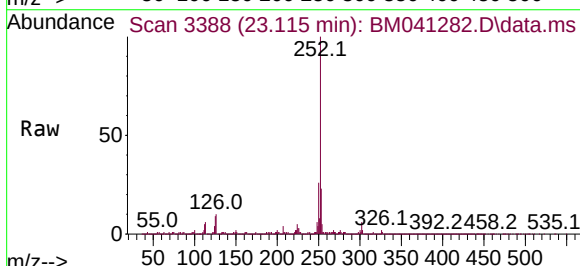
Tgt Ion:252 Resp:10102500

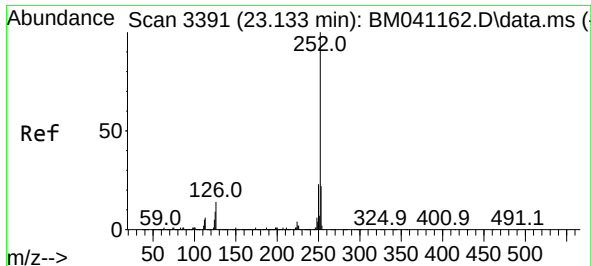
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 8.9 8.2 12.4

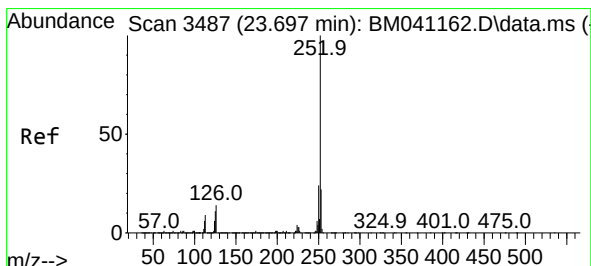
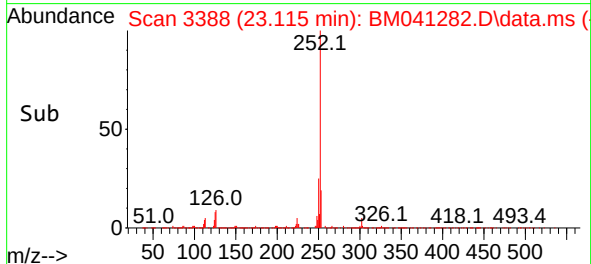
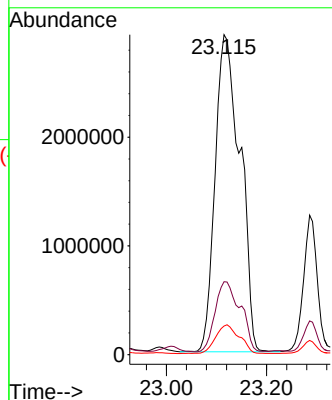
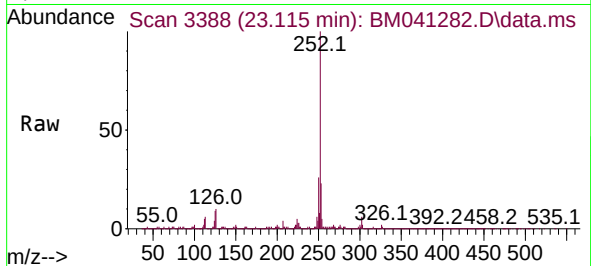




#89
Benzo(k)fluoranthene
Concen: 194.732 ng
RT: 23.115 min Scan# 3391
Delta R.T. -0.018 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

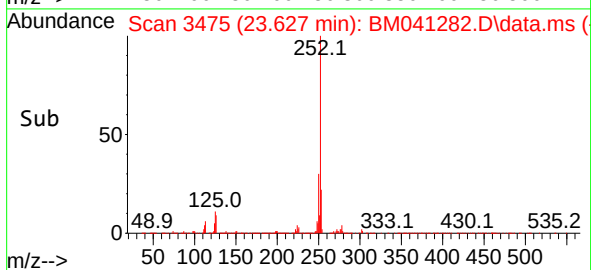
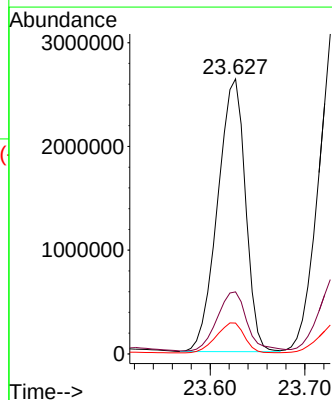
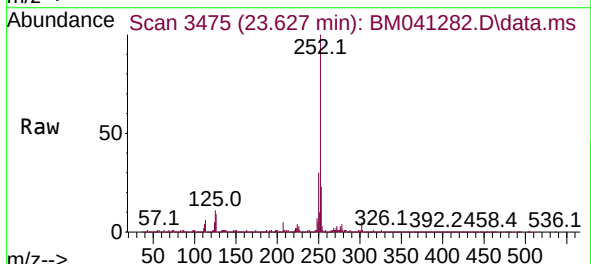
Instrument :
BNA_M
ClientSampleId :
DUP-01

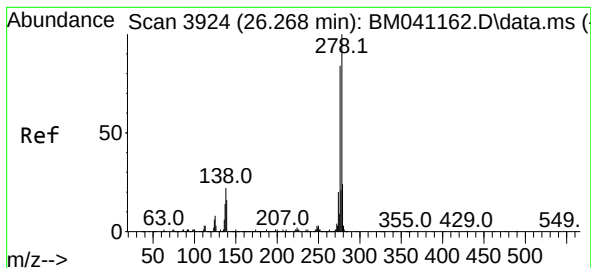
Tgt Ion:252 Resp:10102500
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 8.9 7.6 11.4



#90
Benzo(a)pyrene
Concen: 109.997 ng
RT: 23.627 min Scan# 3475
Delta R.T. -0.071 min
Lab File: BM041282.D
Acq: 04 Aug 2023 03:35

Tgt Ion:252 Resp: 5360382
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 11.2 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 25.703 ng

RT: 26.309 min Scan# 39

Delta R.T. 0.035 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

Instrument :

BNA_M

ClientSampleId :

DUP-01

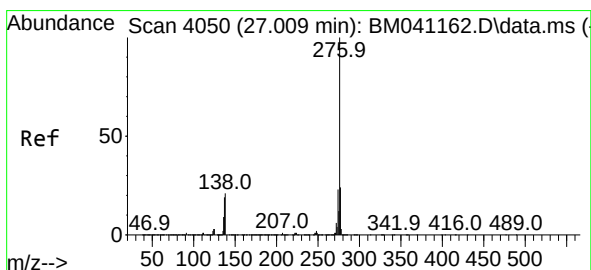
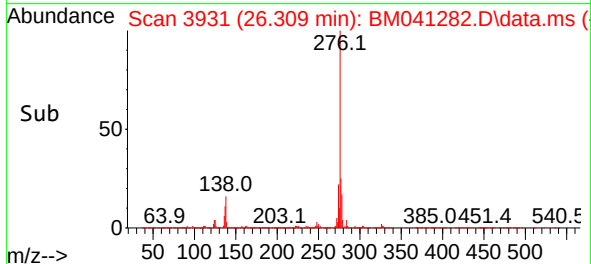
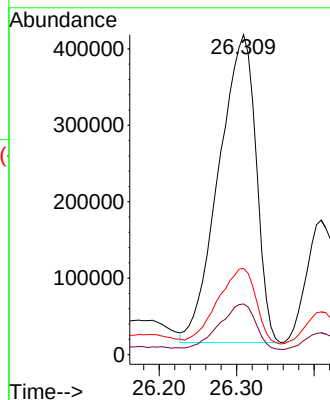
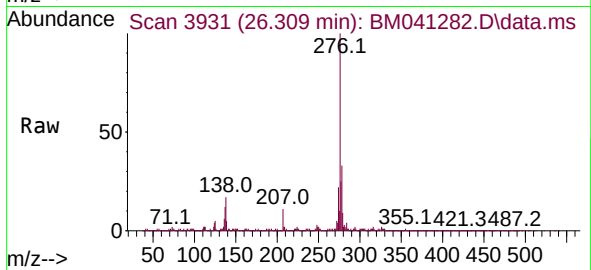
Tgt Ion:278 Resp: 1345632

Ion Ratio Lower Upper

278 100

139 15.8 12.7 19.1

279 26.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 82.822 ng

RT: 27.079 min Scan# 4062

Delta R.T. 0.065 min

Lab File: BM041282.D

Acq: 04 Aug 2023 03:35

Tgt Ion:276 Resp: 4242767

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 16.7 17.1 25.7#

