

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041274.D
 Acq On : 03 Aug 2023 22:42
 Operator : MA/JU
 Sample : 03815-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BUILDING-A-1-(0-5)

Quant Time: Aug 04 01:25:59 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)

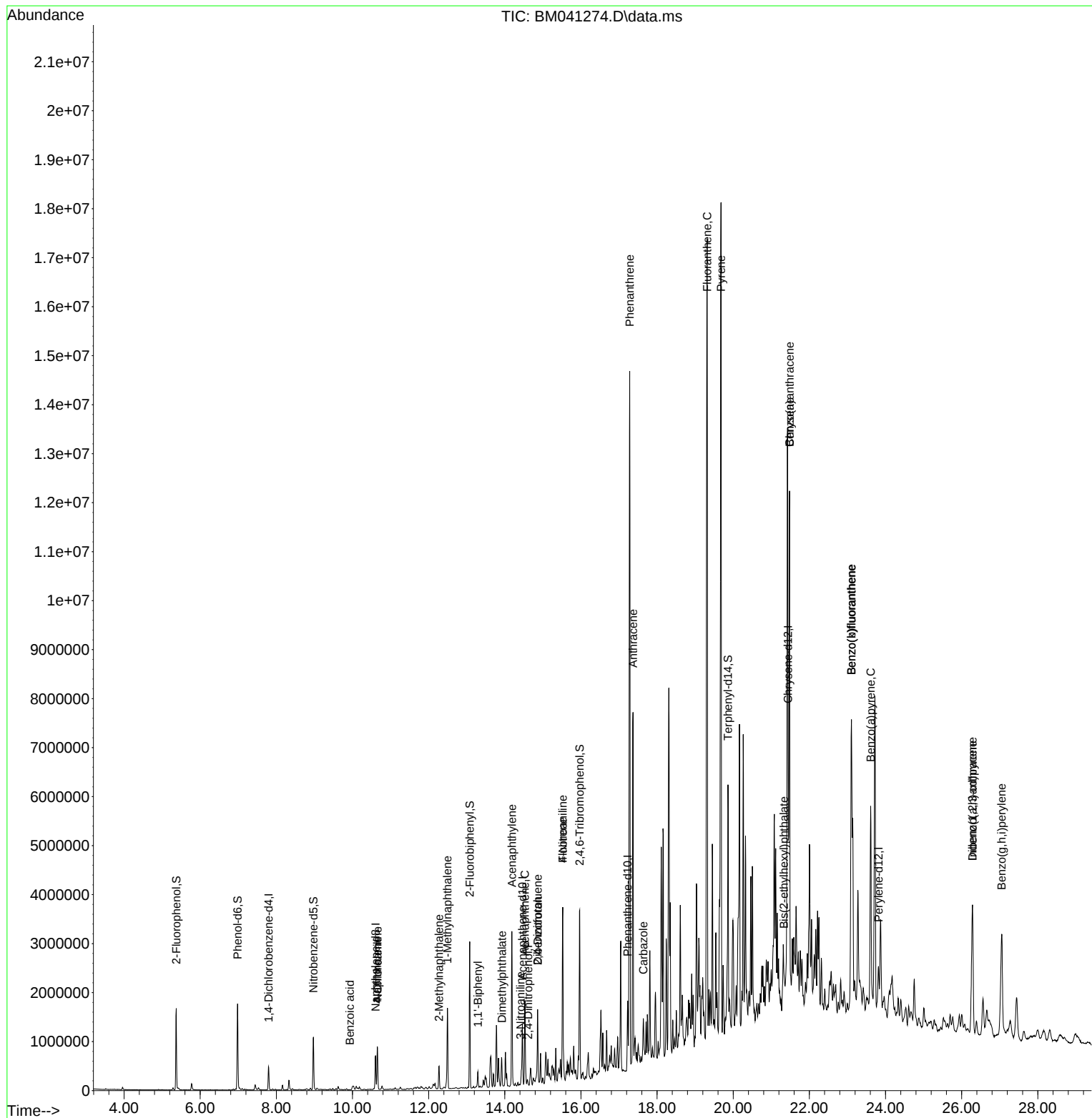
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	125185	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	555039	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	395252	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	870405	20.000	ng	0.00
76) Chrysene-d12	21.439	240	595063	20.000	ng	0.00
86) Perylene-d12	23.815	264	618437	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	701376	83.737	ng	0.00
7) Phenol-d6	6.981	99	974277	89.736	ng	0.00
23) Nitrobenzene-d5	8.975	82	620958	52.028	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	547944	98.011	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1471194	47.020	ng	0.00
79) Terphenyl-d14	19.862	244	2211431	67.193	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.651	128	676245	22.452	ng	99
32) Benzoic acid	9.934	122	329	7.200	ng	# 1
33) 4-Chloroaniline	10.657	127	87844	7.298	ng	# 33
37) 2-Methylnaphthalene	12.275	142	201718	9.934	ng	98
38) 1-Methylnaphthalene	12.492	142	700919	36.880	ng	100
46) 1,1'-Biphenyl	13.292	154	158325	4.941	ng	99
49) Acenaphthylene	14.186	152	1975227	51.149	ng	99
50) Dimethylphthalate	13.927	163	98900	3.326	ng	100
52) Acenaphthene	14.527	154	574901	24.712	ng	100
53) 3-Nitroaniline	14.410	138	473	2.640	ng	# 59
54) 2,4-Dinitrophenol	14.616	184	397	5.923	ng	# 1
55) Dibenzofuran	14.863	168	680402	17.926	ng	# 96
57) 2,4-Dinitrotoluene	14.863	165	9001	3.637	ng	# 1
58) Fluorene	15.521	166	1619986	54.101	ng	100
62) 4-Nitroaniline	15.521	138	18539	6.725	ng	# 20
71) Phenanthrene	17.280	178	9292290	192.148	ng	98
72) Anthracene	17.368	178	4455455	93.154	ng	100
73) Carbazole	17.639	167	413838	9.560	ng	98
75) Fluoranthene	19.315	202	12046750	221.726	ng	98
78) Pyrene	19.680	202	12508551	300.588	ng	97
81) Benzo(a)anthracene	21.480	228	5517271	136.768	ng	93
83) Chrysene	21.480	228	5517271	141.400	ng	96
84) Bis(2-ethylhexyl)phtha...	21.333	149	57521	4.797	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.285	276	2665547	58.624	ng	# 93
88) Benzo(b)fluoranthene	23.103	252	5610784	152.720	ng	98
89) Benzo(k)fluoranthene	23.103	252	5610784	149.300	ng	98
90) Benzo(a)pyrene	23.609	252	3039748	86.109	ng	98
91) Dibenzo(a,h)anthracene	26.285	278	828851	21.855	ng	93
92) Benzo(g,h,i)perylene	27.050	276	2593895	69.900	ng	96

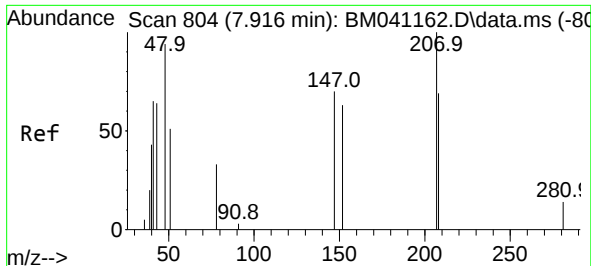
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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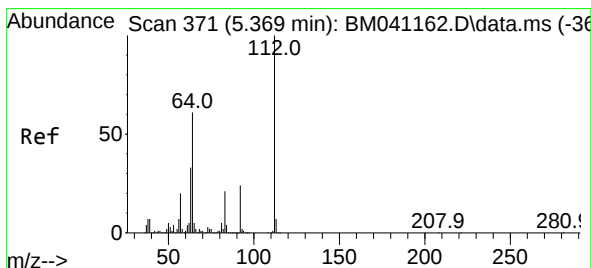
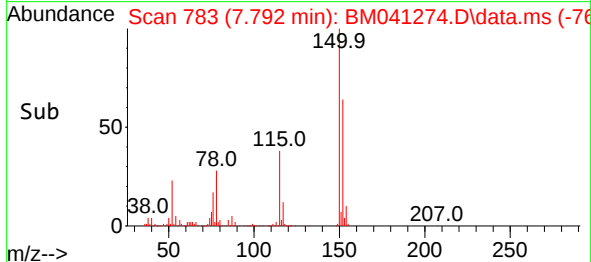
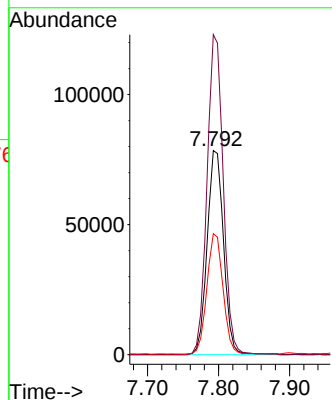
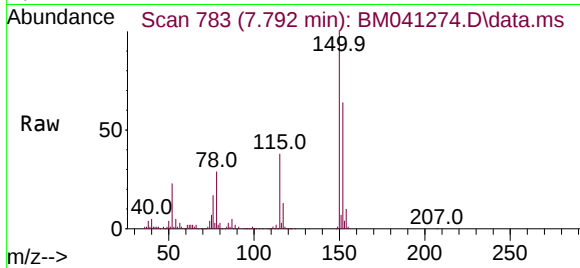




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 783
Delta R.T. -0.001 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

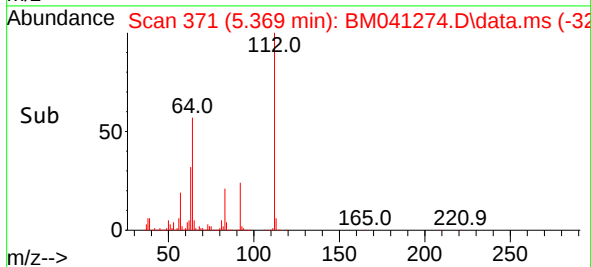
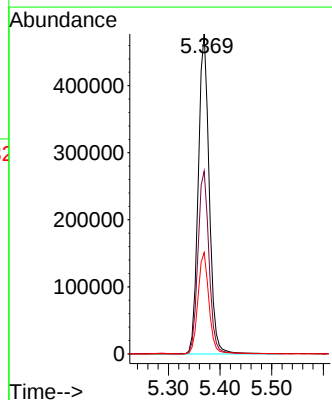
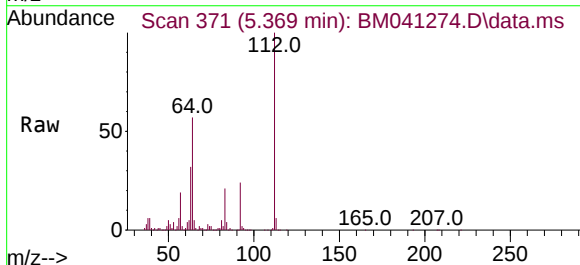
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

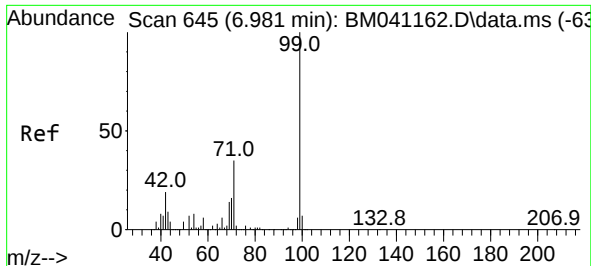
Tgt Ion:152 Resp: 125185
Ion Ratio Lower Upper
152 100
150 156.8 125.5 188.3
115 59.3 48.0 72.0



#5
2-Fluorophenol
Concen: 83.737 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

Tgt Ion:112 Resp: 701376
Ion Ratio Lower Upper
112 100
64 57.1 48.5 72.7
63 31.7 26.5 39.7

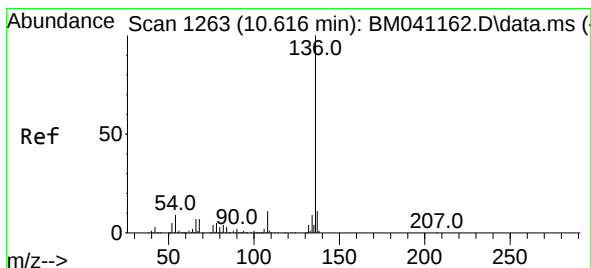
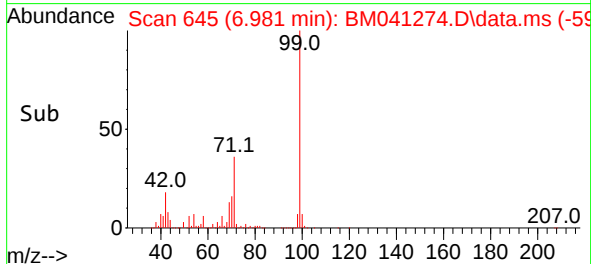
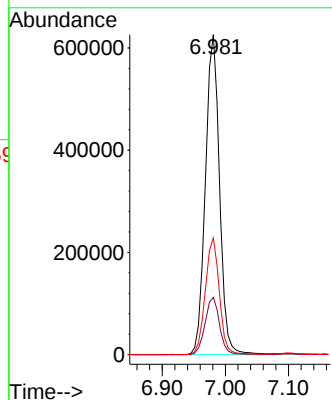
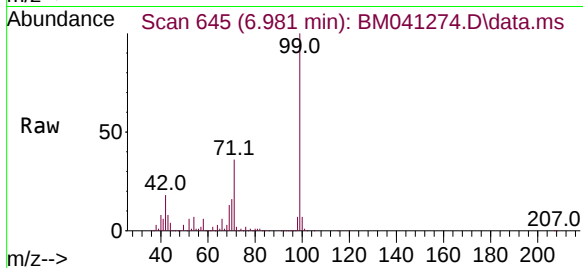




#7
Phenol-d6
Concen: 89.736 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

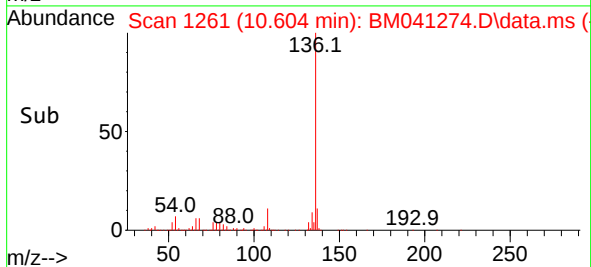
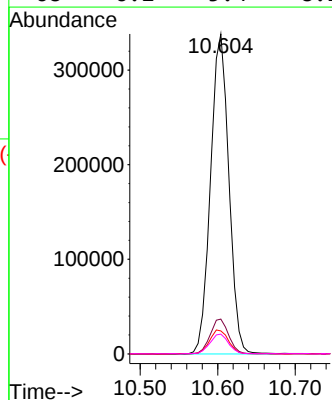
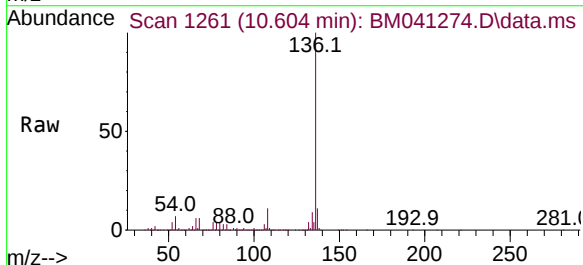
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

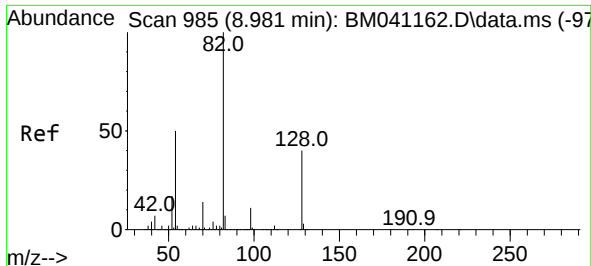
Tgt Ion: 99 Resp: 974277
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.5 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

Tgt Ion: 136 Resp: 555039
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.2 6.9 10.3
68 6.2 5.4 8.2

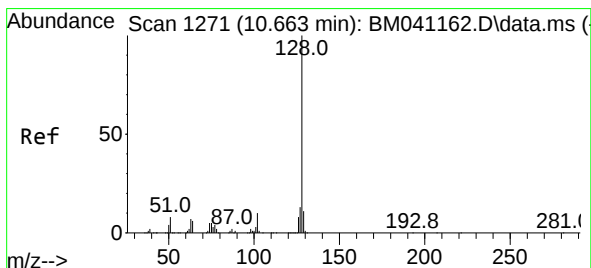
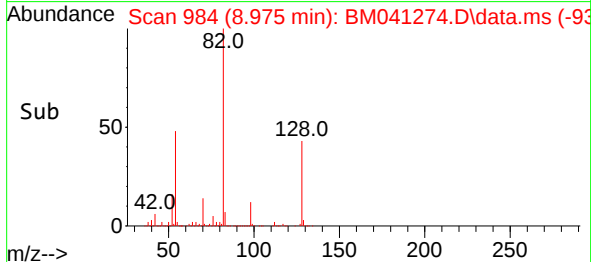
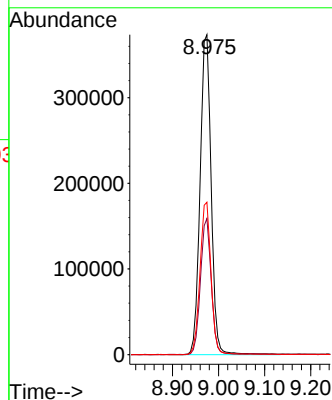
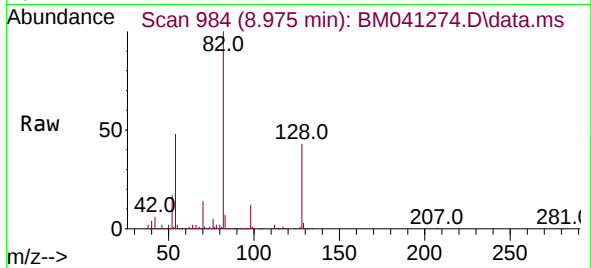




#23
Nitrobenzene-d5
Concen: 52.028 ng
RT: 8.975 min Scan# 984
Delta R.T. -0.000 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

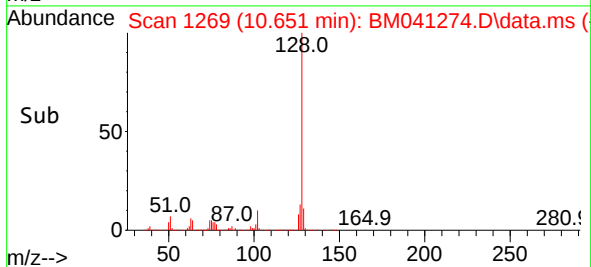
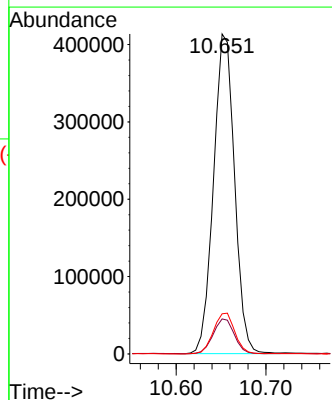
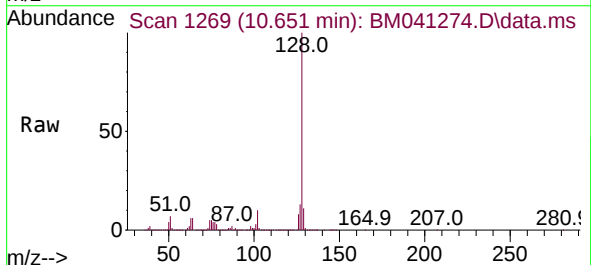
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

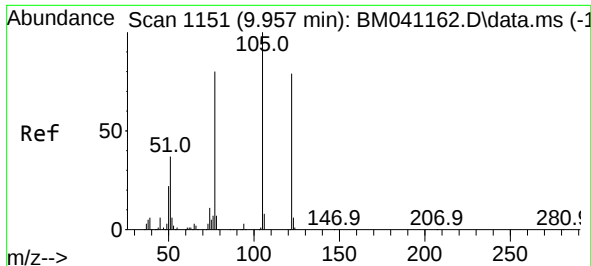
Tgt Ion: 82 Resp: 620958
Ion Ratio Lower Upper
82 100
128 42.5 31.8 47.6
54 47.6 40.1 60.1



#31
Naphthalene
Concen: 22.452 ng
RT: 10.651 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

Tgt Ion: 128 Resp: 676245
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.5 10.5 15.7

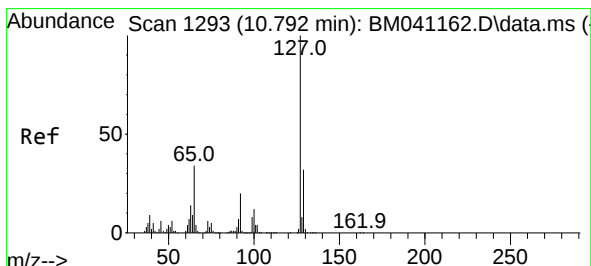
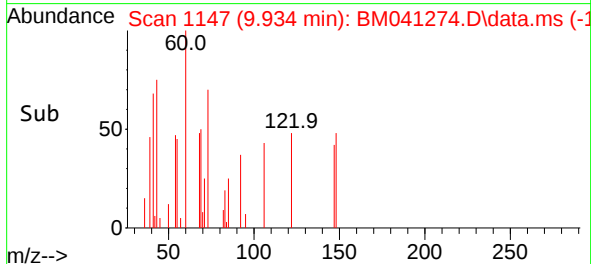
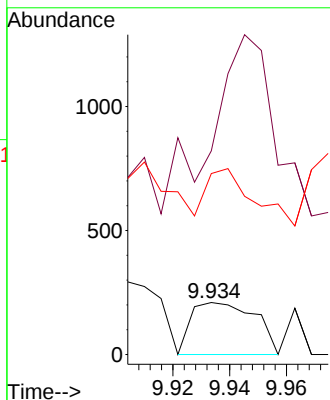
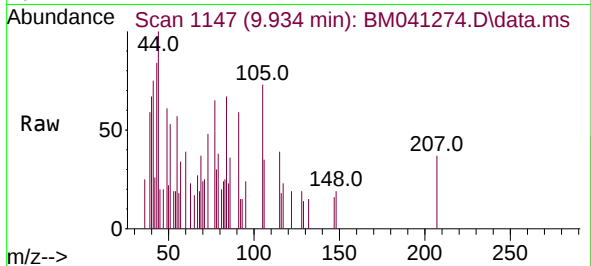




#32
Benzoic acid
Concen: 7.200 ng
RT: 9.934 min Scan# 1151
Delta R.T. -0.024 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

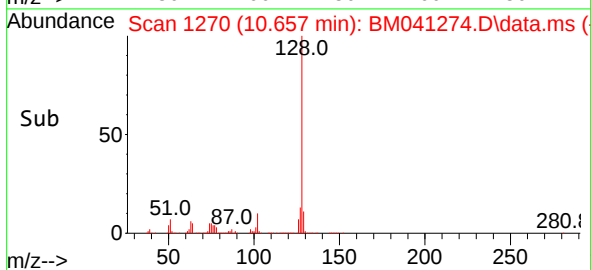
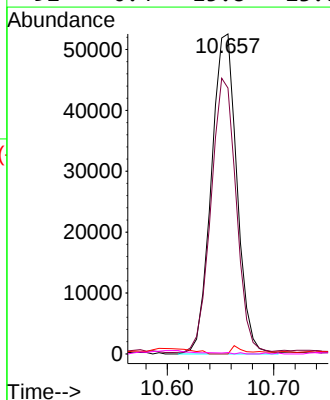
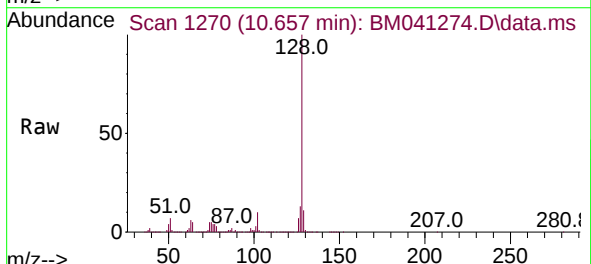
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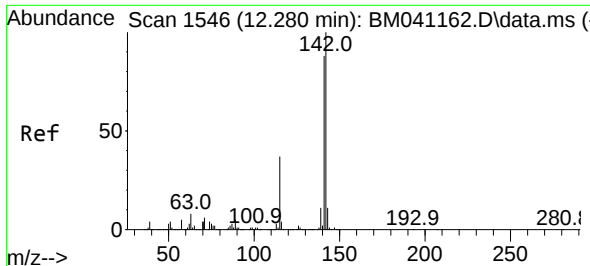
Tgt Ion:122 Resp: 329
Ion Ratio Lower Upper
122 100
105 391.0 104.0 144.0#
77 347.6 79.9 119.9#



#33
4-Chloroaniline
Concen: 7.298 ng
RT: 10.657 min Scan# 1270
Delta R.T. -0.124 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

Tgt Ion:127 Resp: 87844
Ion Ratio Lower Upper
127 100
129 83.1 25.9 38.9#
65 0.0 26.9 40.3#
92 0.4 15.8 23.6#

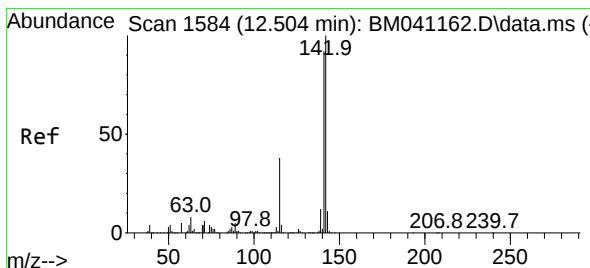
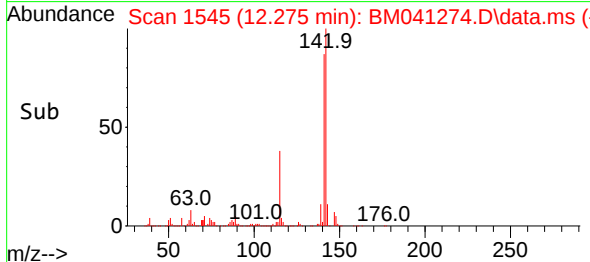
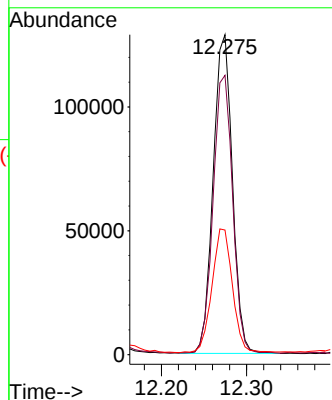
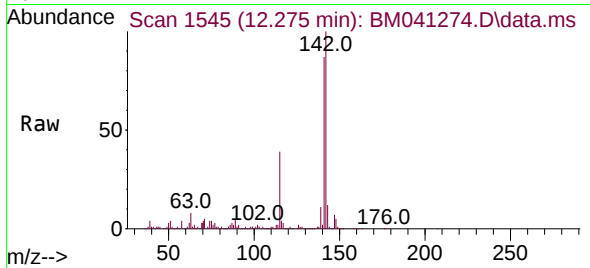




#37
2-Methylnaphthalene
Concen: 9.934 ng
RT: 12.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

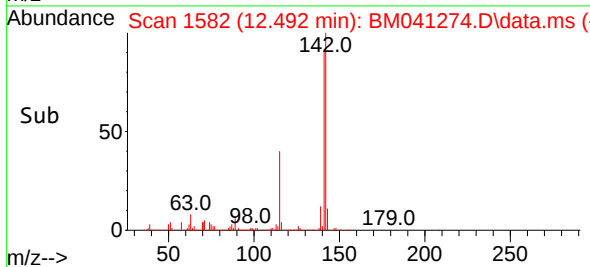
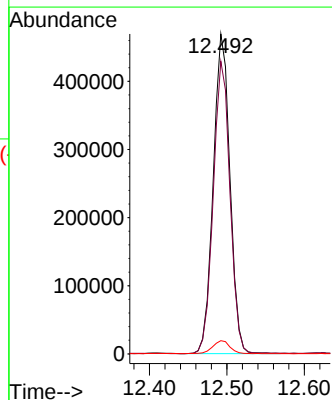
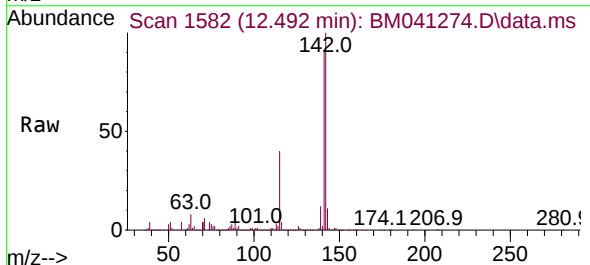
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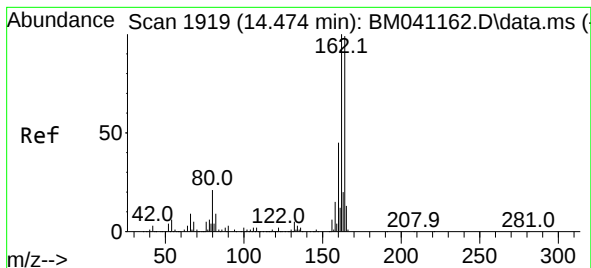
Tgt Ion:142 Resp: 201718
Ion Ratio Lower Upper
142 100
141 87.3 70.7 106.1
115 38.9 29.3 43.9



#38
1-Methylnaphthalene
Concen: 36.880 ng
RT: 12.492 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

Tgt Ion:142 Resp: 700919
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1919

Delta R.T. -0.000 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-1-(0-5)

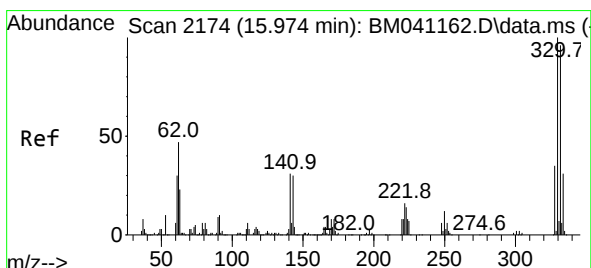
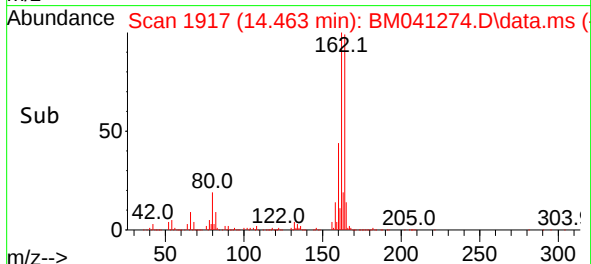
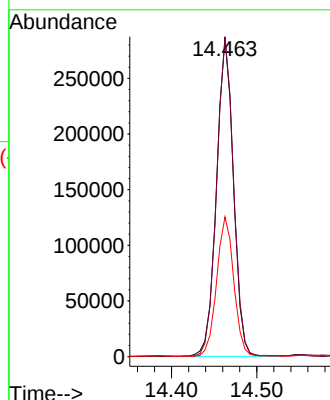
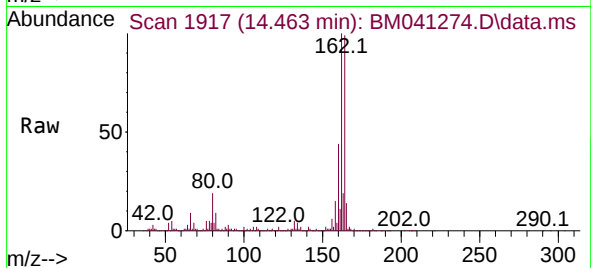
Tgt Ion:164 Resp: 395252

Ion Ratio Lower Upper

164 100

162 100.6 80.4 120.6

160 44.0 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 98.011 ng

RT: 15.968 min Scan# 2173

Delta R.T. -0.000 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

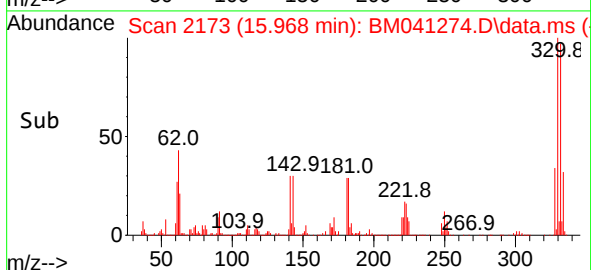
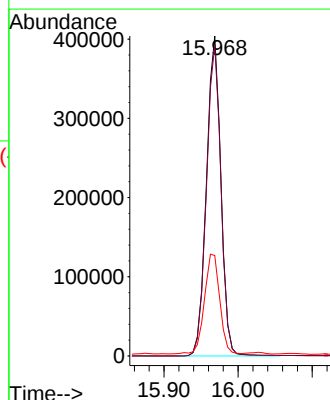
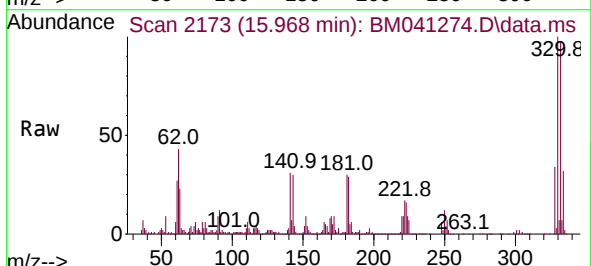
Tgt Ion:330 Resp: 547944

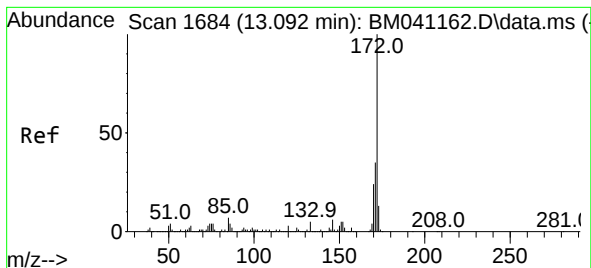
Ion Ratio Lower Upper

330 100

332 97.4 77.7 116.5

141 32.9 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 47.020 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-1-(0-5)

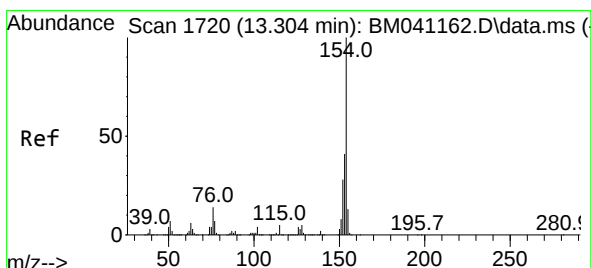
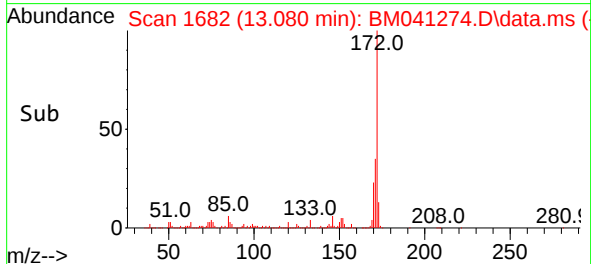
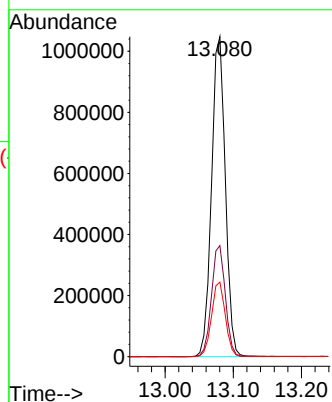
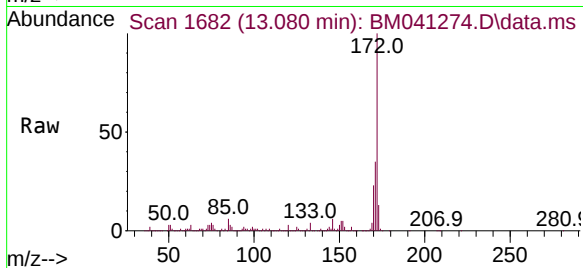
Tgt Ion:172 Resp: 1471194

Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 4.941 ng

RT: 13.292 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

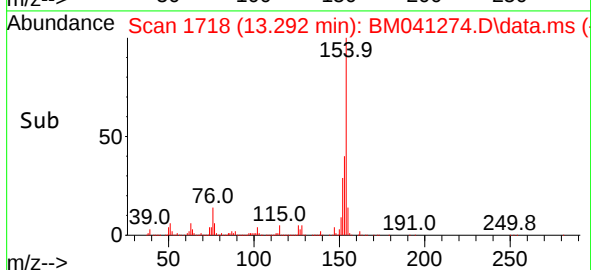
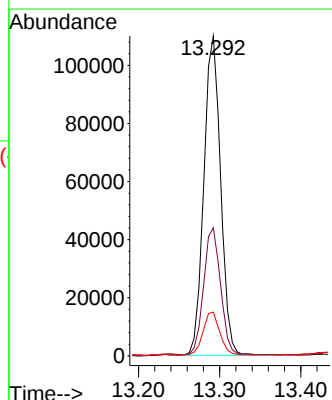
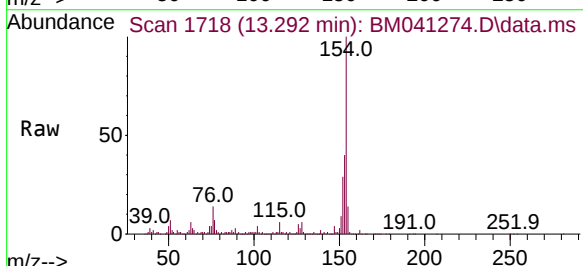
Tgt Ion:154 Resp: 158325

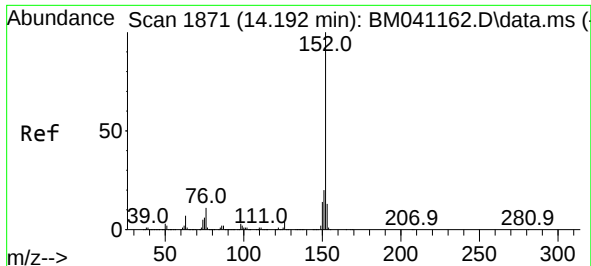
Ion Ratio Lower Upper

154 100

153 40.0 20.5 60.5

76 13.7 0.0 34.1

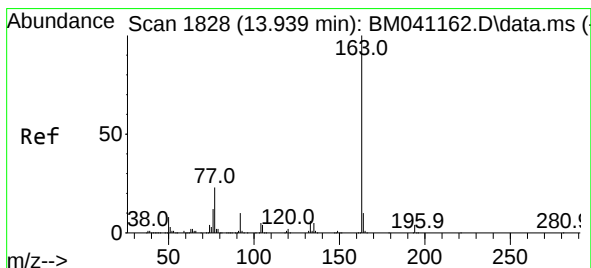
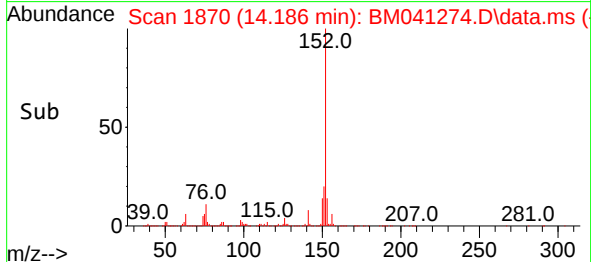
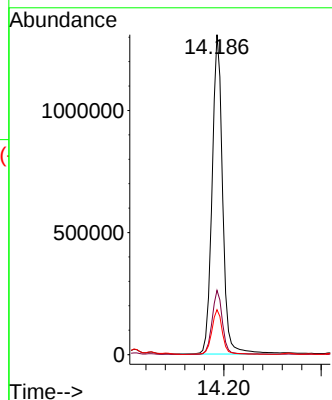
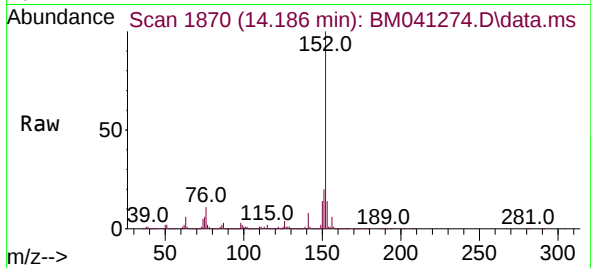




#49
Acenaphthylene
Concen: 51.149 ng
RT: 14.186 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

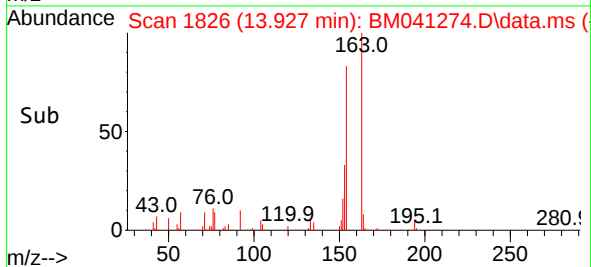
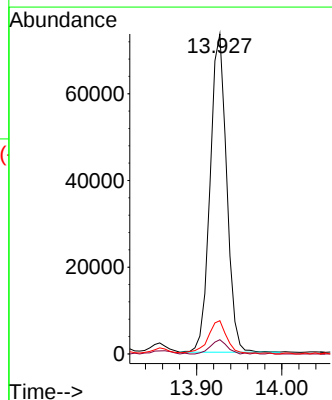
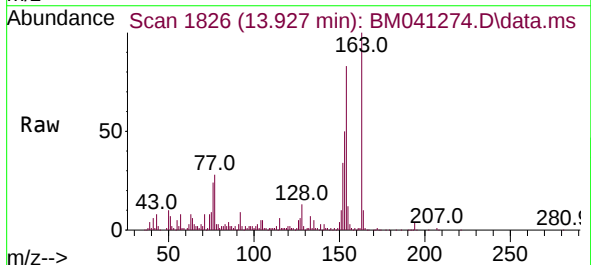
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

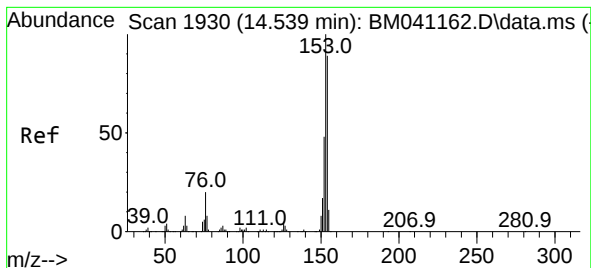
Tgt Ion:152 Resp: 1975227
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 14.0 10.5 15.7



#50
Dimethylphthalate
Concen: 3.326 ng
RT: 13.927 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

Tgt Ion:163 Resp: 98900
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.4 8.3 12.5





#52

Acenaphthene

Concen: 24.712 ng

RT: 14.527 min Scan# 19

Delta R.T. -0.000 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-1-(0-5)

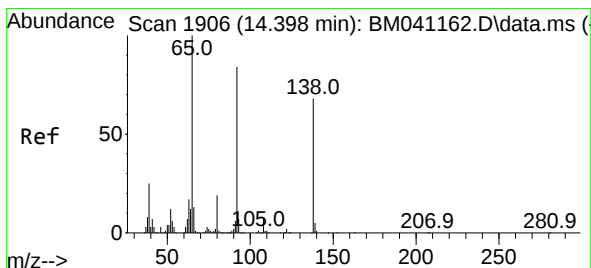
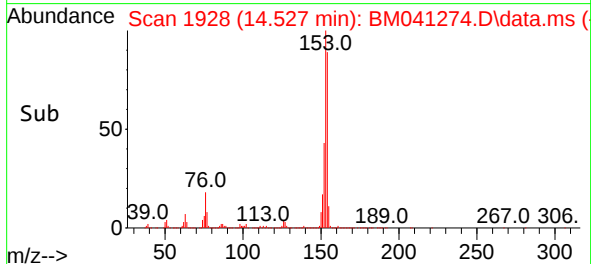
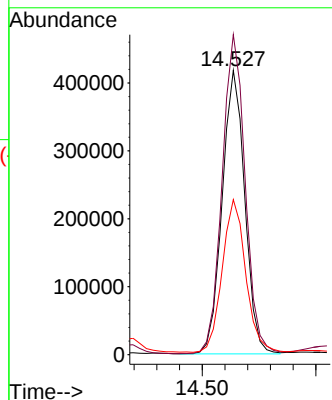
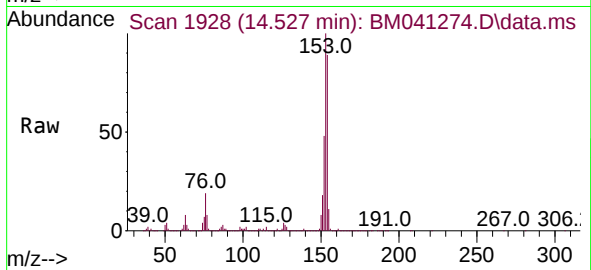
Tgt Ion:154 Resp: 574901

Ion Ratio Lower Upper

154 100

153 112.6 90.2 135.4

152 54.5 43.4 65.0



#53

3-Nitroaniline

Concen: 2.640 ng

RT: 14.410 min Scan# 1908

Delta R.T. 0.017 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

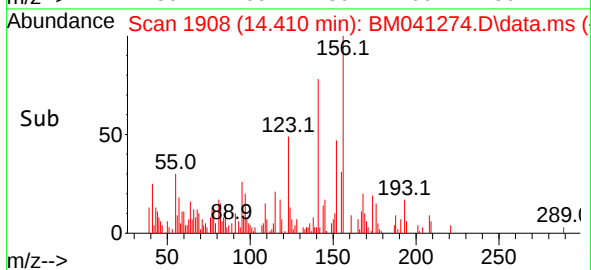
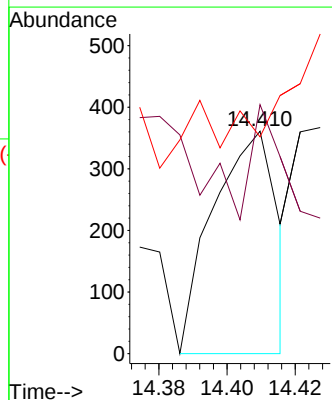
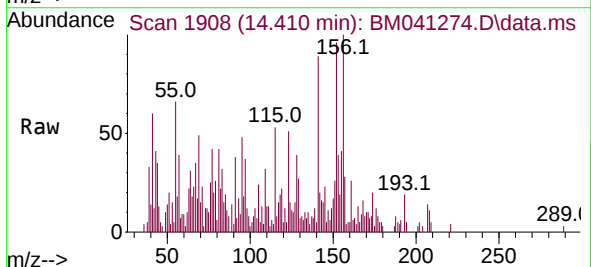
Tgt Ion:138 Resp: 473

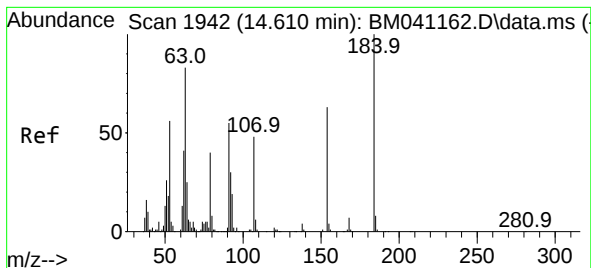
Ion Ratio Lower Upper

138 100

108 111.9 7.6 11.4#

92 97.5 98.9 148.3#

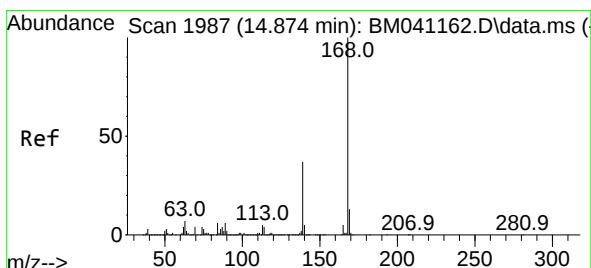
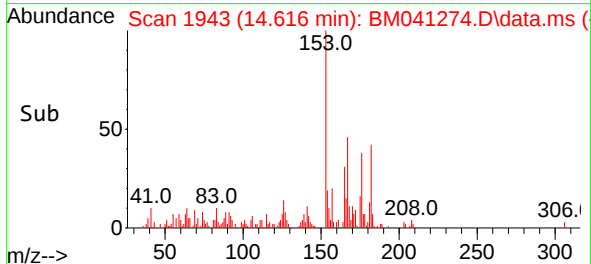
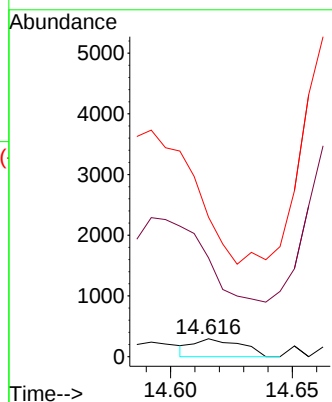
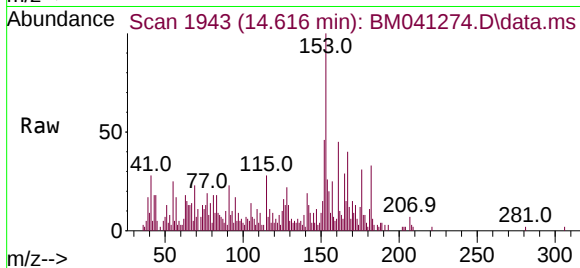




#54
2,4-Dinitrophenol
Concen: 5.923 ng
RT: 14.616 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

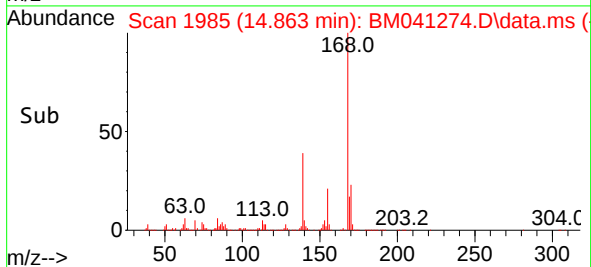
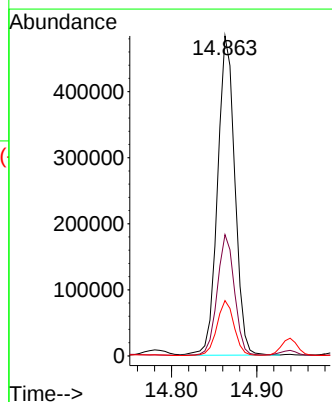
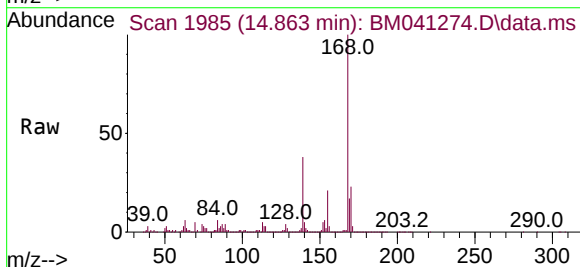
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

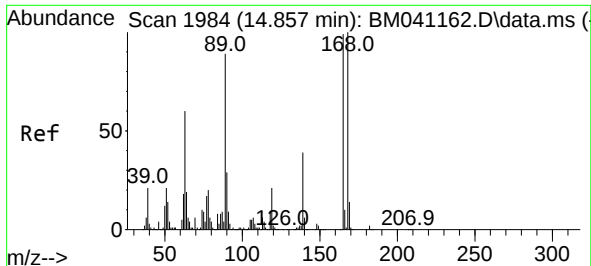
Tgt Ion:184 Resp: 397
Ion Ratio Lower Upper
184 100
63 552.2 66.5 99.7#
154 778.6 52.8 79.2#



#55
Dibenzofuran
Concen: 17.926 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

Tgt Ion:168 Resp: 680402
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.6
169 17.3 10.5 15.7#

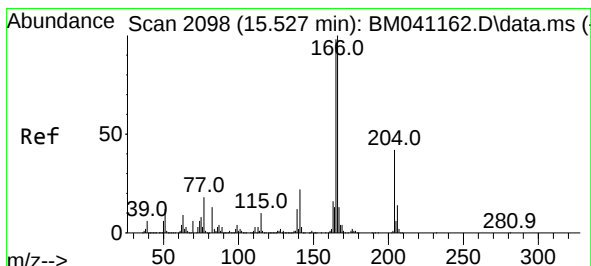
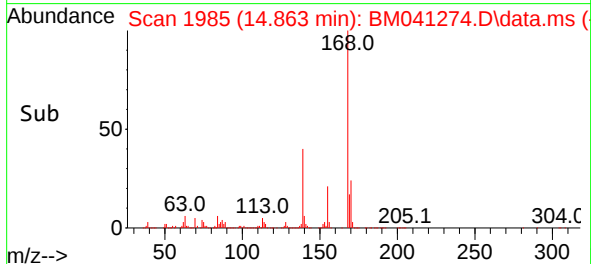
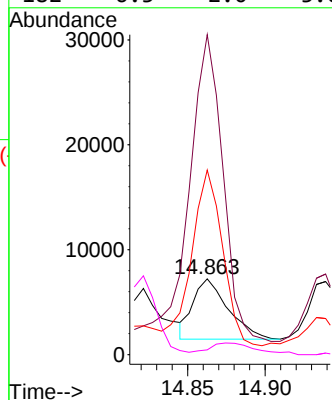
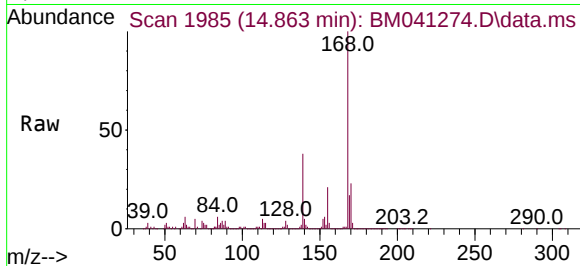




#57
2,4-Dinitrotoluene
Concen: 3.637 ng
RT: 14.863 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

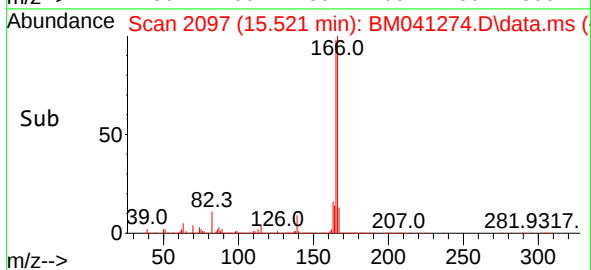
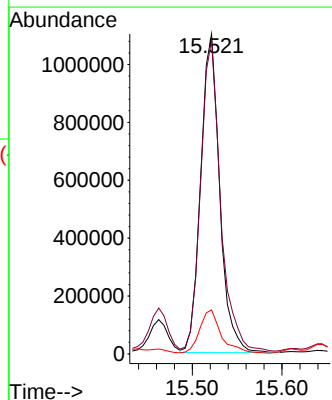
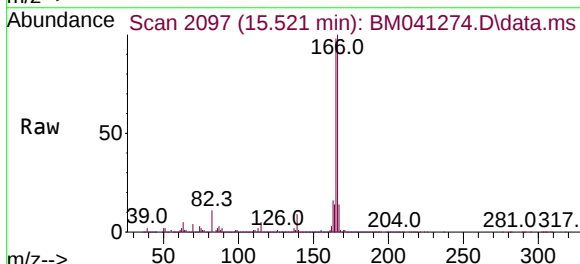
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

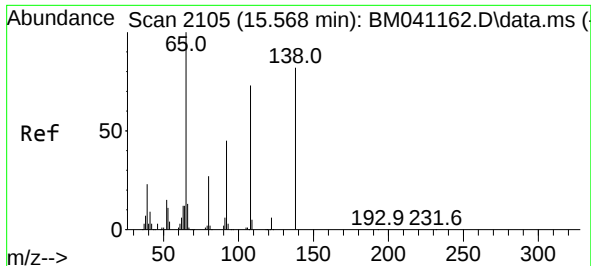
Tgt Ion:165 Resp: 9001
Ion Ratio Lower Upper
165 100
63 421.9 48.3 72.5#
89 243.4 71.8 107.8#
182 6.3 2.0 3.0#



#58
Fluorene
Concen: 54.101 ng
RT: 15.521 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

Tgt Ion:166 Resp: 1619986
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.4
167 13.7 10.6 16.0

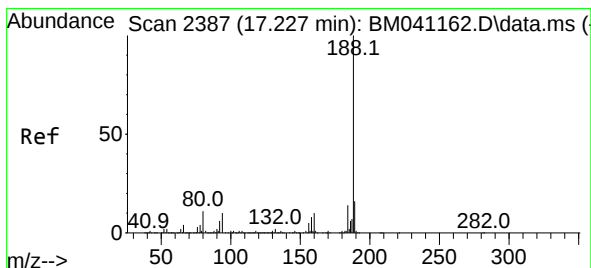
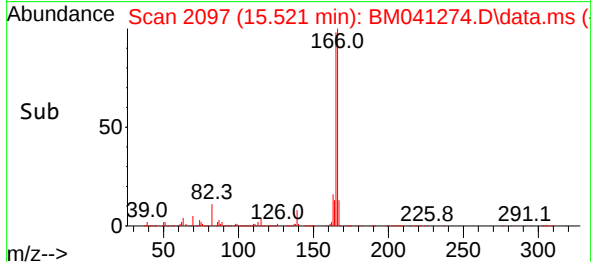
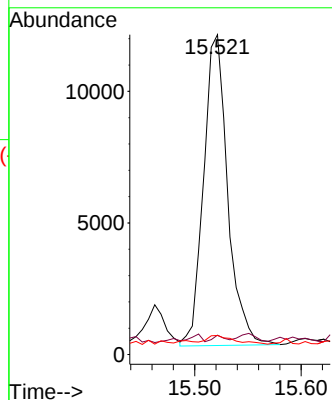
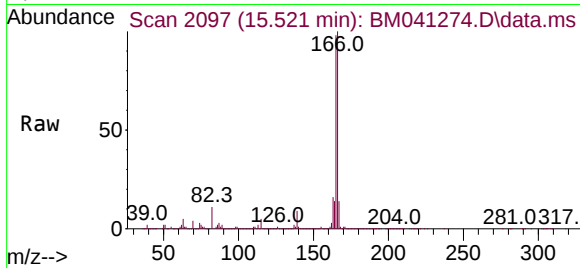




#62
4-Nitroaniline
Concen: 6.725 ng
RT: 15.521 min Scan# 20
Delta R.T. -0.041 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

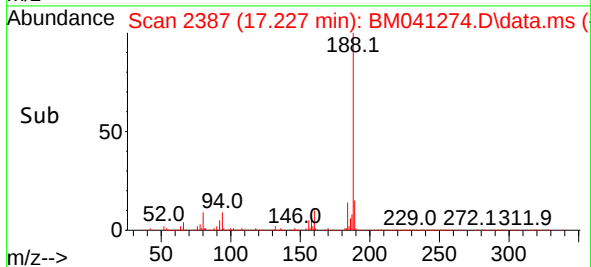
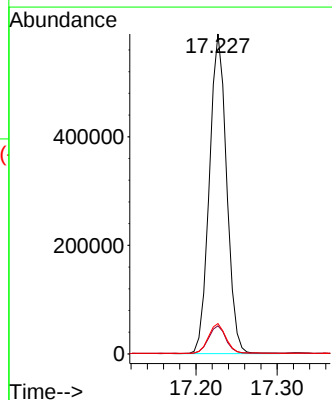
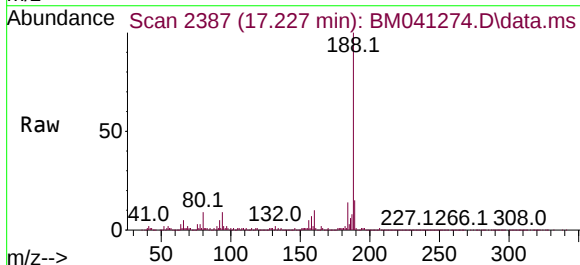
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

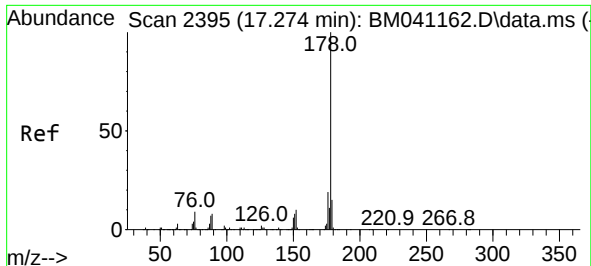
Tgt Ion:138 Resp: 18539
Ion Ratio Lower Upper
138 100
92 6.1 35.1 75.1#
108 6.0 67.8 107.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2387
Delta R.T. 0.006 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

Tgt Ion:188 Resp: 870405
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.5 8.6 13.0

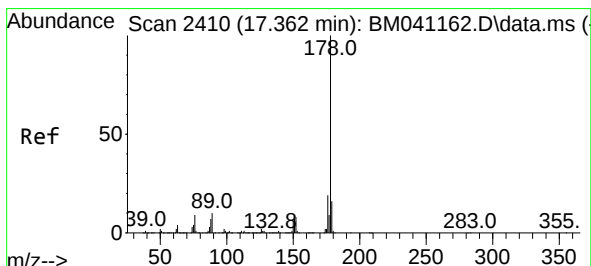
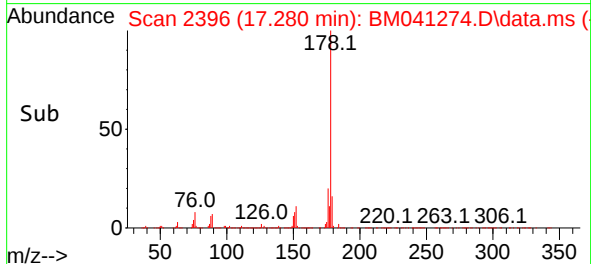
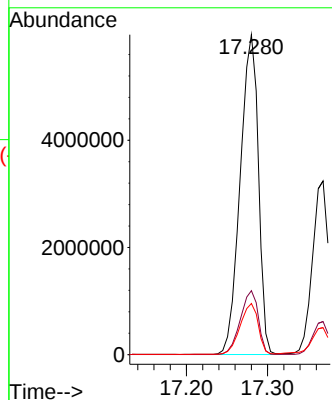
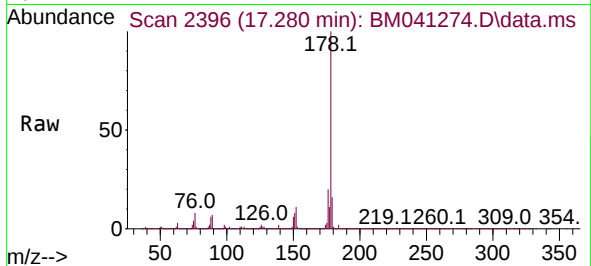




#71
Phenanthrene
Concen: 192.148 ng
RT: 17.280 min Scan# 2395
Delta R.T. 0.012 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

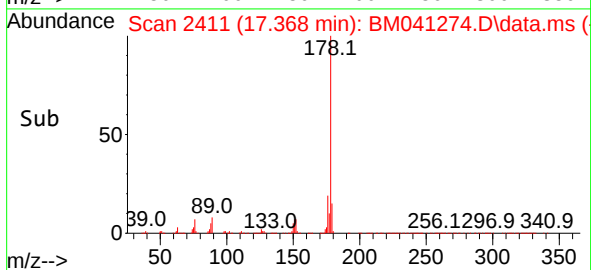
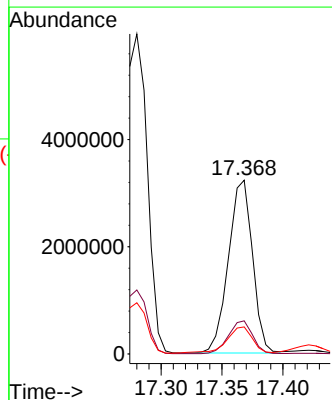
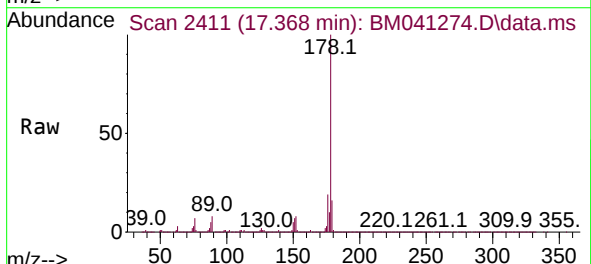
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

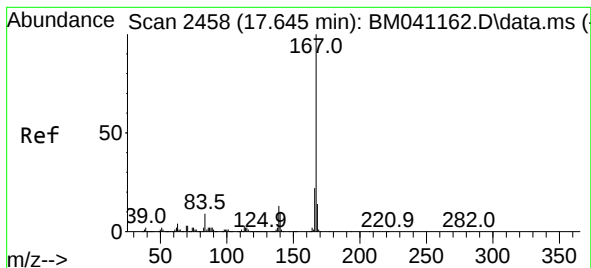
Tgt Ion:178 Resp: 9292290
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.0 12.1 18.1



#72
Anthracene
Concen: 93.154 ng
RT: 17.368 min Scan# 2411
Delta R.T. 0.012 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

Tgt Ion:178 Resp: 4455455
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.5 12.4 18.6





#73

Carbazole

Concen: 9.560 ng

RT: 17.639 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-1-(0-5)

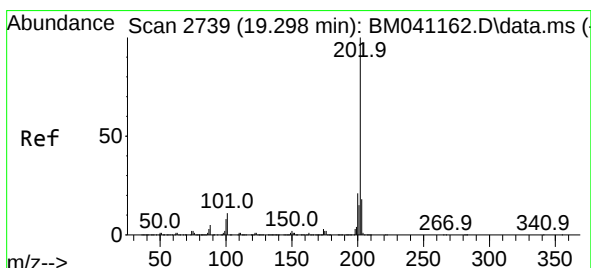
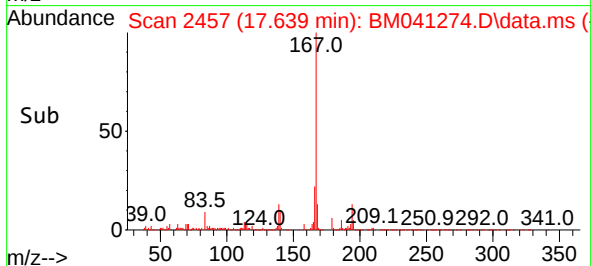
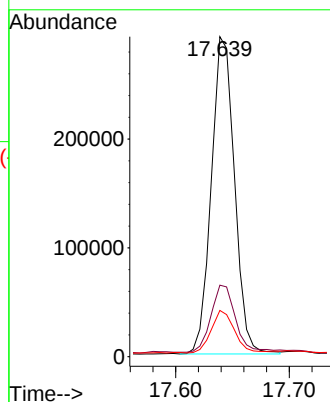
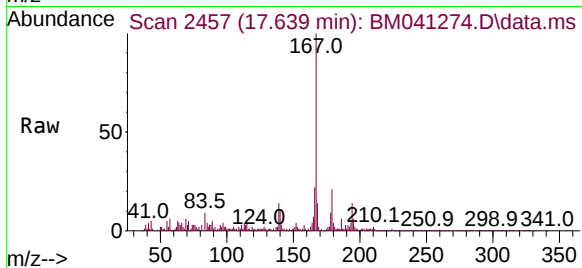
Tgt Ion:167 Resp: 413838

Ion Ratio Lower Upper

167 100

166 22.3 17.3 25.9

139 14.4 10.3 15.5



#75

Fluoranthene

Concen: 221.726 ng

RT: 19.315 min Scan# 2742

Delta R.T. 0.023 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

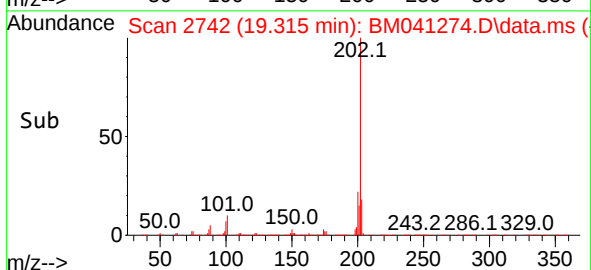
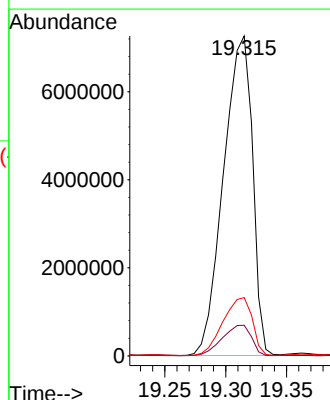
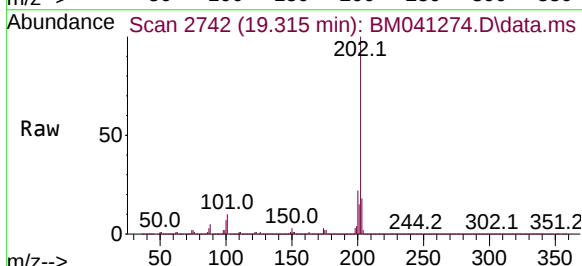
Tgt Ion:202 Resp:12046750

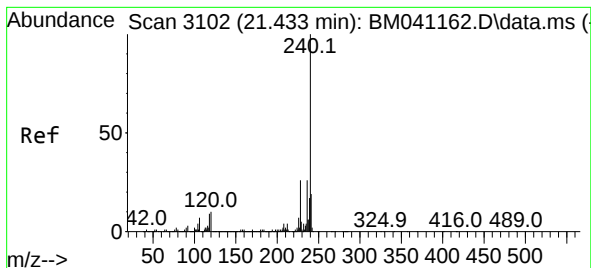
Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.8

203 18.2 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-1-(0-5)

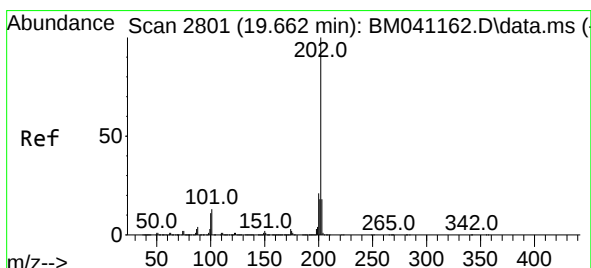
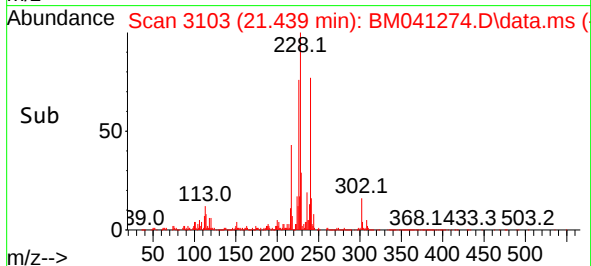
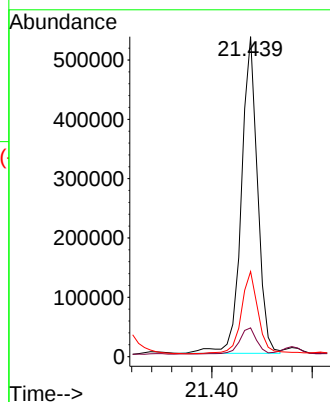
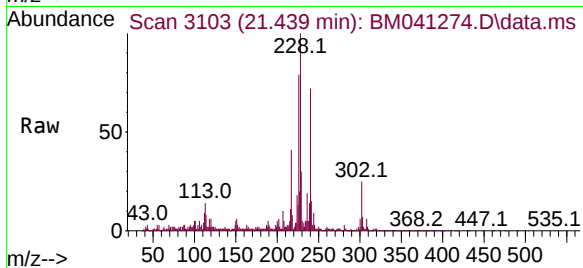
Tgt Ion:240 Resp: 595063

Ion Ratio Lower Upper

240 100

120 9.0 8.3 12.5

236 26.6 20.6 30.8



#78

Pyrene

Concen: 300.588 ng

RT: 19.680 min Scan# 2804

Delta R.T. 0.023 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

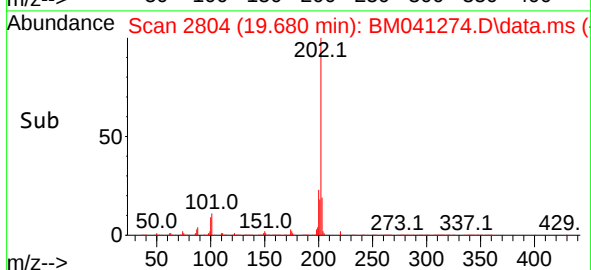
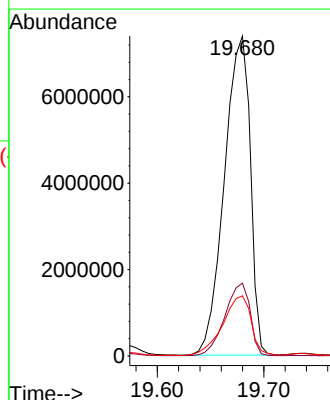
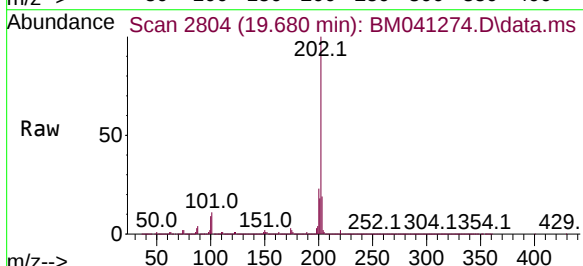
Tgt Ion:202 Resp:12508551

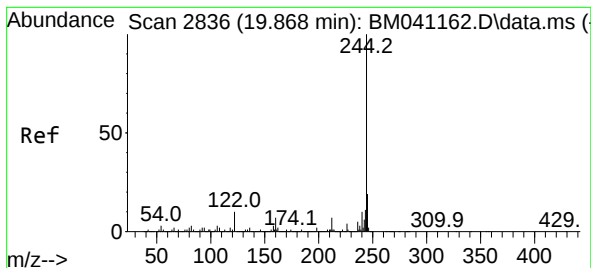
Ion Ratio Lower Upper

202 100

200 22.7 16.9 25.3

203 18.8 14.1 21.1





#79

Terphenyl-d14

Concen: 67.193 ng

RT: 19.862 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-1-(0-5)

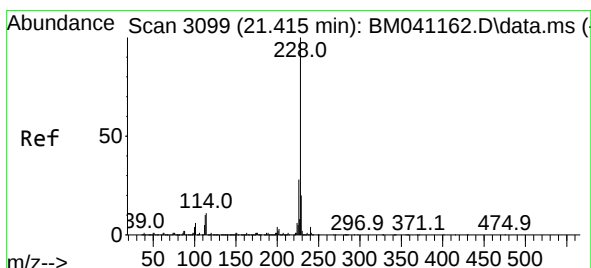
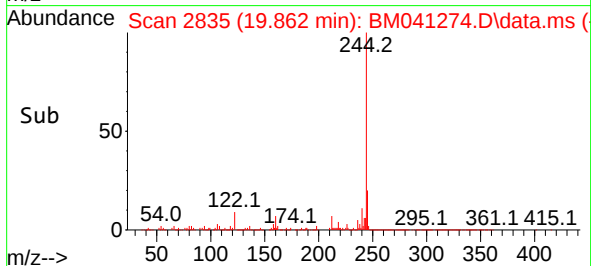
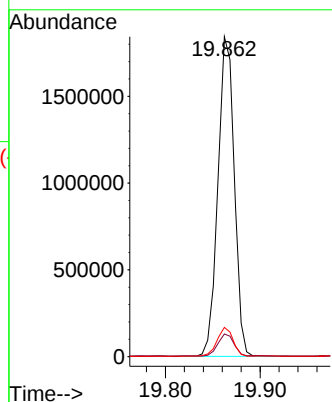
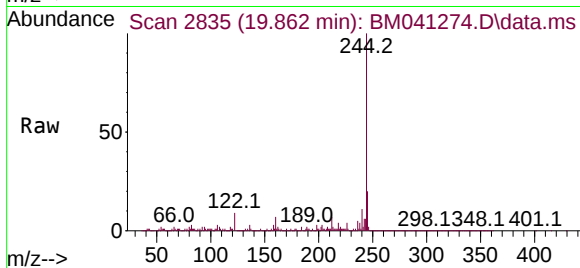
Tgt Ion:244 Resp: 2211431

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 9.1 7.8 11.6



#81

Benzo(a)anthracene

Concen: 136.768 ng

RT: 21.480 min Scan# 3110

Delta R.T. 0.065 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

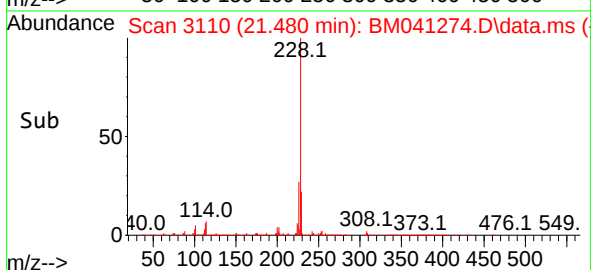
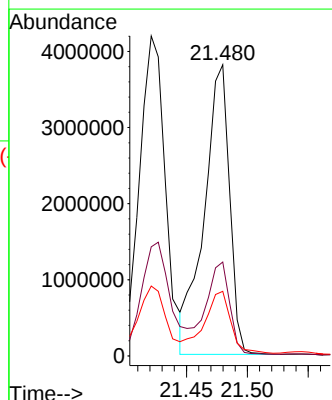
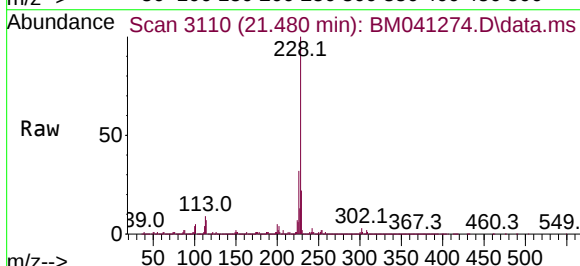
Tgt Ion:228 Resp: 5517271

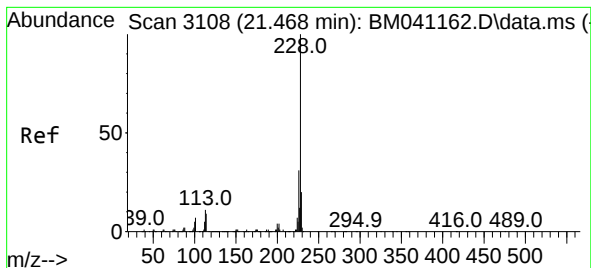
Ion Ratio Lower Upper

228 100

226 32.2 22.4 33.6

229 22.2 15.8 23.8





#83

Chrysene

Concen: 141.400 ng

RT: 21.480 min Scan# 3110

Delta R.T. 0.012 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-1-(0-5)

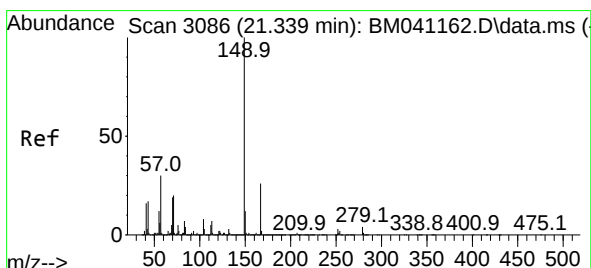
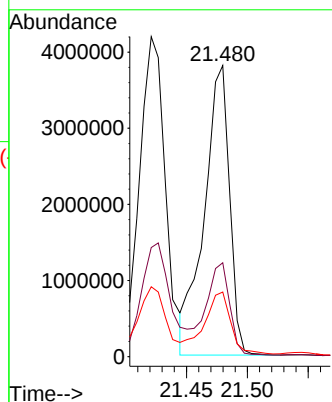
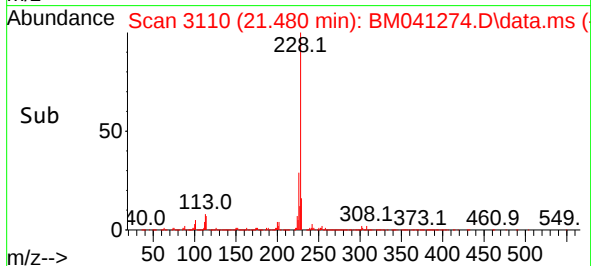
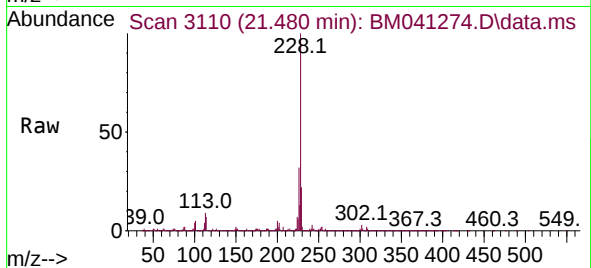
Tgt Ion:228 Resp: 5517271

Ion Ratio Lower Upper

228 100

226 32.2 24.5 36.7

229 22.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.797 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

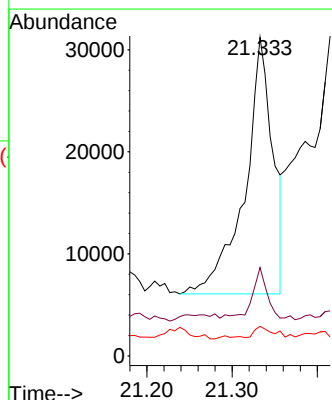
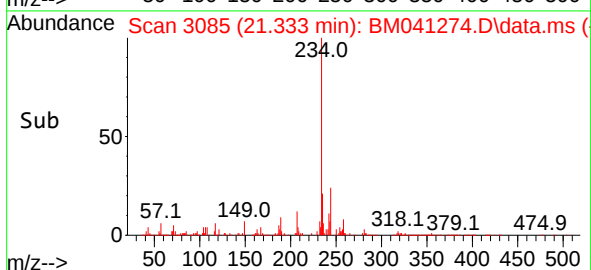
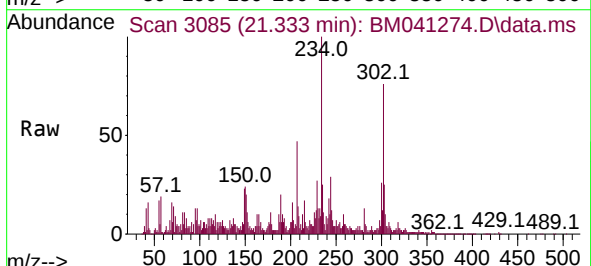
Tgt Ion:149 Resp: 57521

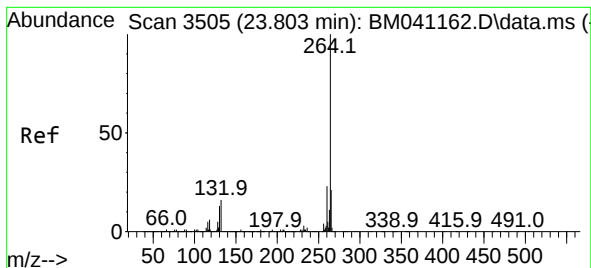
Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.6

279 9.3 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.815 min Scan# 31

Delta R.T. 0.012 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-1-(0-5)

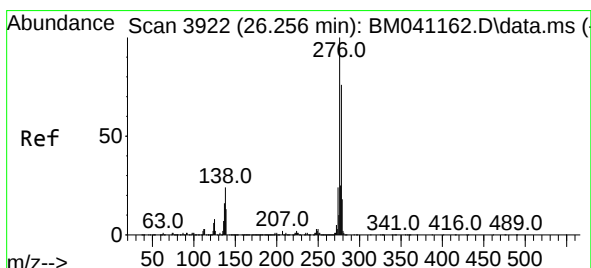
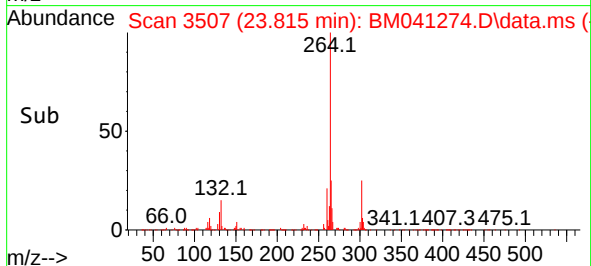
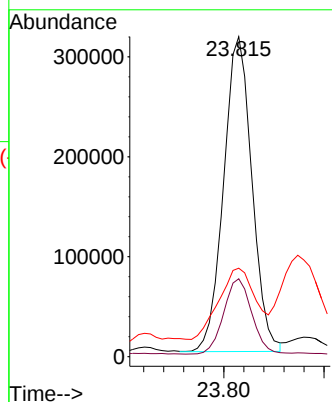
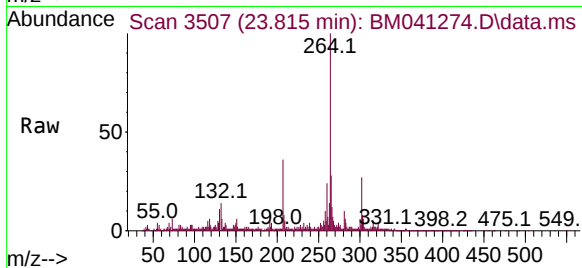
Tgt Ion:264 Resp: 618437

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 27.6 17.4 26.0#



#87

Indeno(1,2,3-cd)pyrene

Concen: 58.624 ng

RT: 26.285 min Scan# 3927

Delta R.T. 0.023 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

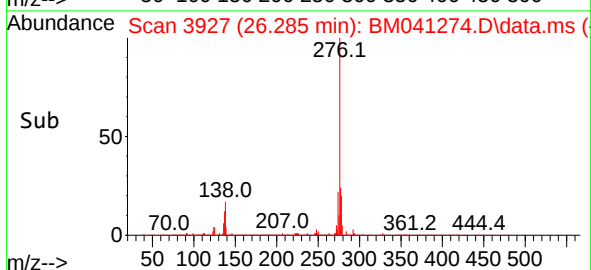
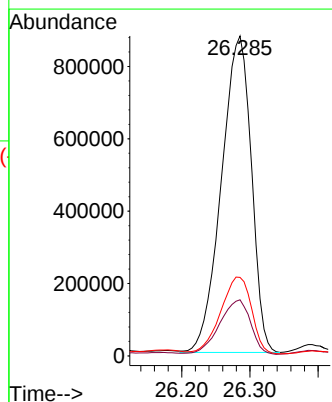
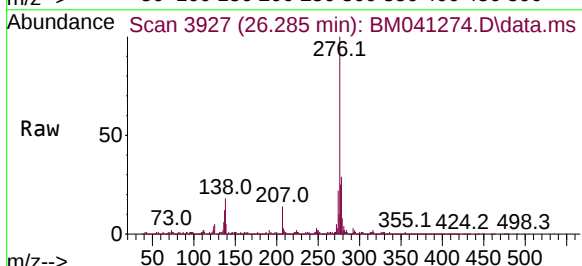
Tgt Ion:276 Resp: 2665547

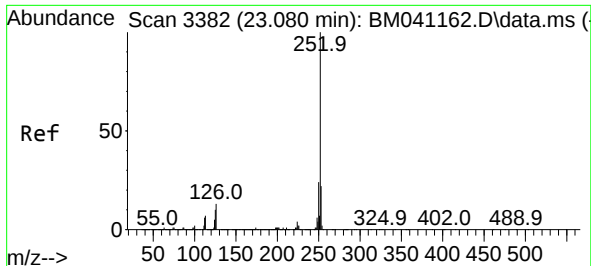
Ion Ratio Lower Upper

276 100

138 17.8 20.0 30.0#

277 25.1 20.1 30.1

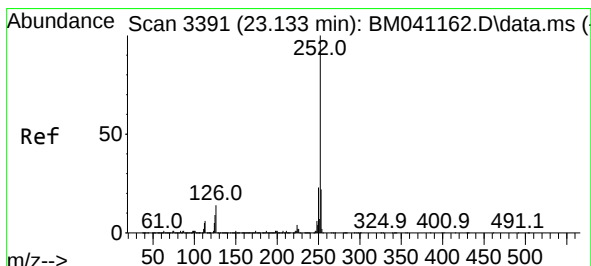
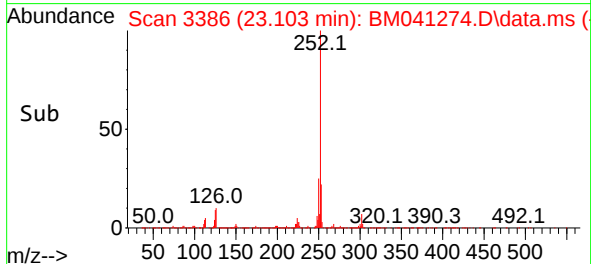
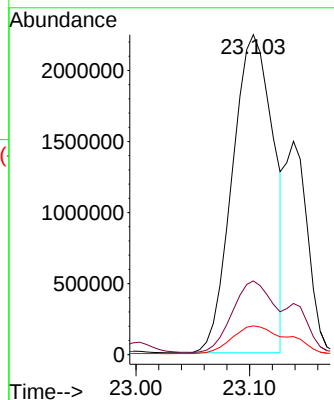
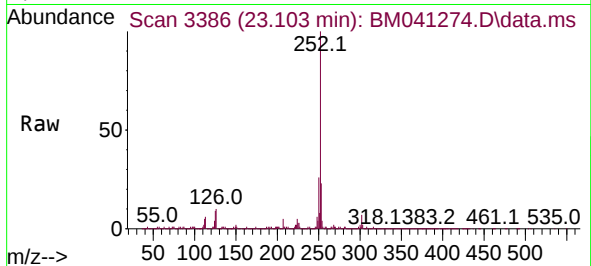




#88
Benzo(b)fluoranthene
Concen: 152.720 ng
RT: 23.103 min Scan# 3386
Delta R.T. 0.017 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

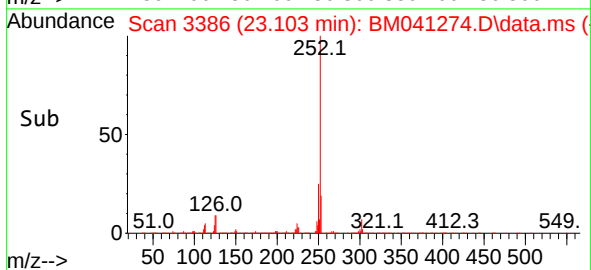
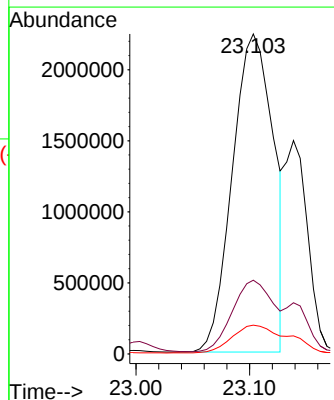
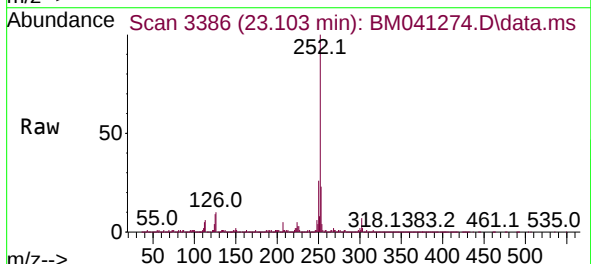
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

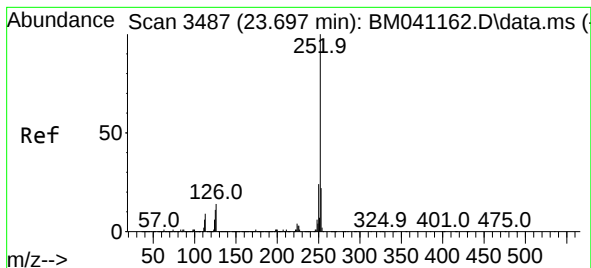
Tgt Ion:252 Resp: 5610784
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 9.0 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 149.300 ng
RT: 23.103 min Scan# 3386
Delta R.T. -0.030 min
Lab File: BM041274.D
Acq: 03 Aug 2023 22:42

Tgt Ion:252 Resp: 5610784
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 9.0 7.6 11.4





#90

Benzo(a)pyrene

Concen: 86.109 ng

RT: 23.609 min Scan# 34

Delta R.T. -0.088 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-1-(0-5)

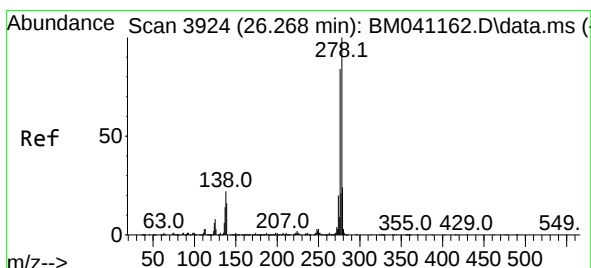
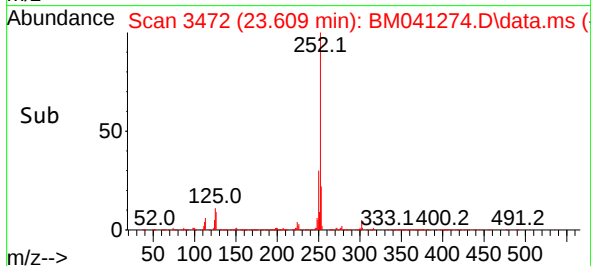
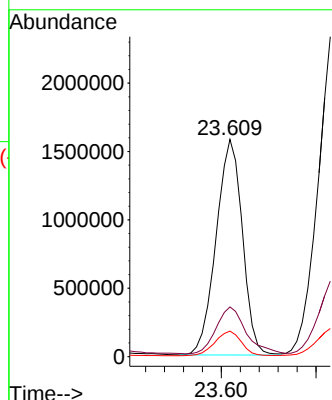
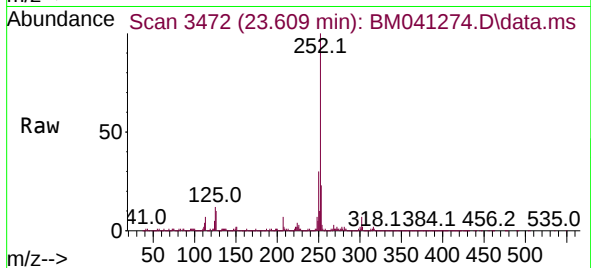
Tgt Ion:252 Resp: 3039748

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 11.8 9.0 13.4



#91

Dibenzo(a,h)anthracene

Concen: 21.855 ng

RT: 26.285 min Scan# 3927

Delta R.T. 0.012 min

Lab File: BM041274.D

Acq: 03 Aug 2023 22:42

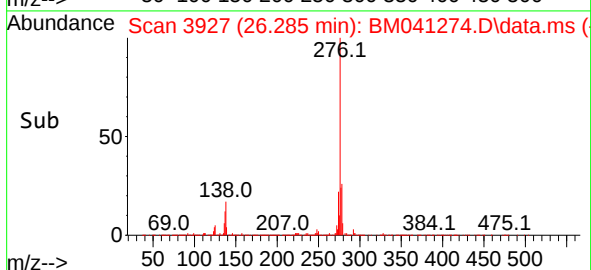
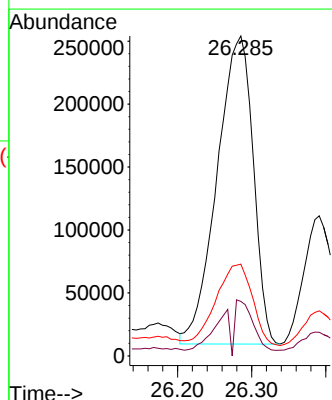
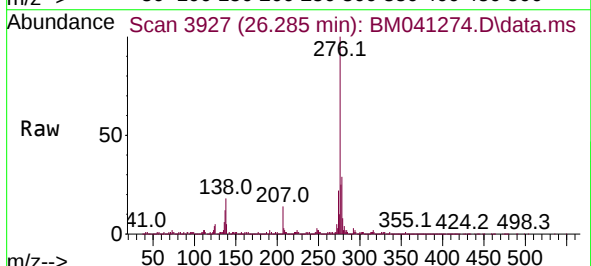
Tgt Ion:278 Resp: 828851

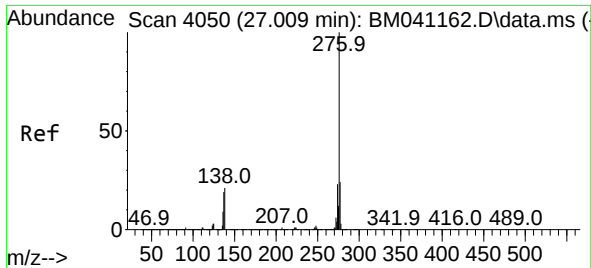
Ion Ratio Lower Upper

278 100

139 17.0 12.7 19.1

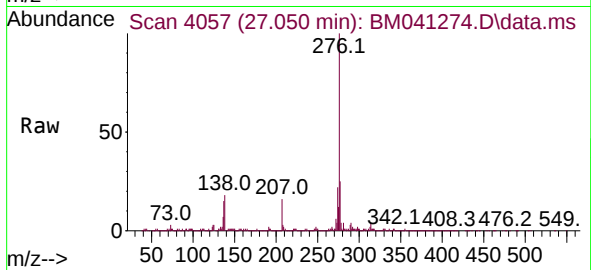
279 28.7 19.1 28.7





#92
 Benzo(g,h,i)perylene
 Concen: 69.900 ng
 RT: 27.050 min Scan# 40
 Delta R.T. 0.035 min
 Lab File: BM041274.D
 Acq: 03 Aug 2023 22:42

Instrument :
 BNA_M
 ClientSampleId :
 BUILDING-A-1-(0-5)



Tgt Ion:276 Resp: 2593895

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.1	28.7
138	17.7	17.1	25.7

