

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041273.D
 Acq On : 03 Aug 2023 22:05
 Operator : MA/JU
 Sample : 03775-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BUILDING-A-10-(0-5)

Quant Time: Aug 04 01:25:26 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)

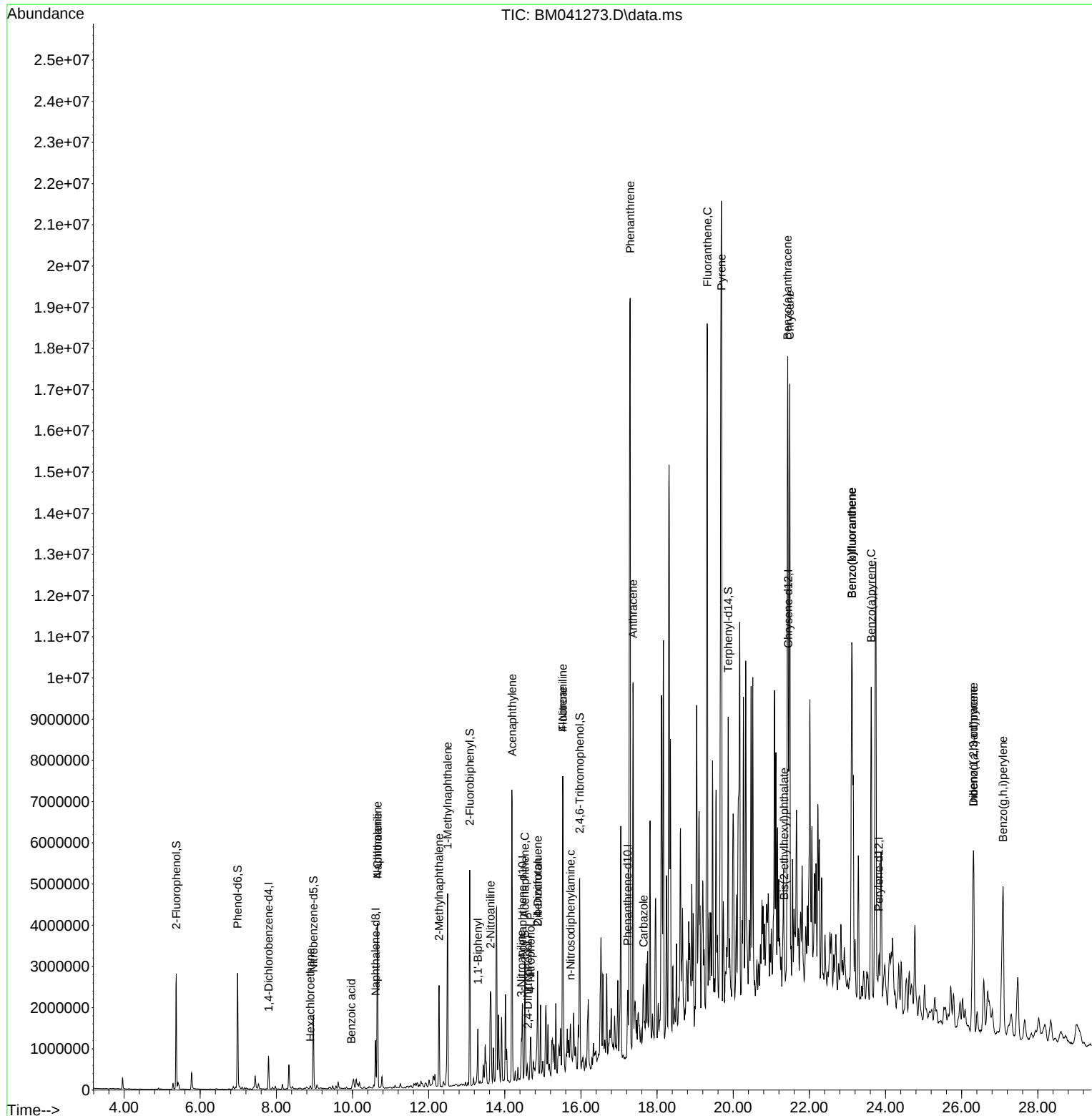
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	206655	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	899980	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	573653	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1084229	20.000	ng	0.00
76) Chrysene-d12	21.445	240	691282	20.000	ng	0.01
86) Perylene-d12	23.827	264	913502	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1149660	83.147	ng	0.00
7) Phenol-d6	6.981	99	1552591	86.626	ng	0.00
23) Nitrobenzene-d5	8.975	82	1018931	52.651	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	699394	86.196	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2512036	55.318	ng	0.00
79) Terphenyl-d14	19.868	244	2896559	75.760	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.892	117	12531	2.279	ng	# 1
31) Naphthalene	10.657	128	3082513	63.117	ng	99
32) Benzoic acid	9.969	122	334	7.183	ng	# 1
33) 4-Chloroaniline	10.657	127	401006	20.546	ng	# 32
37) 2-Methylnaphthalene	12.275	142	1025090	31.133	ng	99
38) 1-Methylnaphthalene	12.498	142	2049722	66.514	ng	99
46) 1,1'-Biphenyl	13.292	154	642103	13.807	ng	98
48) 2-Nitroaniline	13.627	65	24117	2.176	ng	# 24
49) Acenaphthylene	14.192	152	4421861	78.895	ng	99
52) Acenaphthene	14.527	154	977591	28.953	ng	100
53) 3-Nitroaniline	14.433	138	2444	2.801	ng	# 72
54) 2,4-Dinitrophenol	14.610	184	820	5.960	ng	# 1
55) Dibenzofuran	14.863	168	766741	13.918	ng	# 90
56) 4-Nitrophenol	14.674	139	28791	3.864	ng	# 40
57) 2,4-Dinitrotoluene	14.863	165	29891	4.881	ng	# 1
58) Fluorene	15.521	166	3418195	78.654	ng	99
62) 4-Nitroaniline	15.521	138	38442	7.831	ng	# 20
66) n-Nitrosodiphenylamine	15.727	169	112978	3.350	ng	# 23
71) Phenanthrene	17.292	178	14956234	248.276	ng	97
72) Anthracene	17.368	178	5463741	91.706	ng	100
73) Carbazole	17.645	167	459409	8.519	ng	95
75) Fluoranthene	19.321	202	13104613	193.630	ng	98
78) Pyrene	19.692	202	19163357	396.410	ng	95
81) Benzo(a)anthracene	21.427	228	9012247	192.309	ng	# 87
83) Chrysene	21.486	228	8706482	192.077	ng	93
84) Bis(2-ethylhexyl)phtha...	21.339	149	51062	4.264	ng	# 78
87) Indeno(1,2,3-cd)pyrene	26.309	276	4661438	69.406	ng	# 93
88) Benzo(b)fluoranthene	23.115	252	12131570	223.551	ng	98
89) Benzo(k)fluoranthene	23.115	252	12131570	218.544	ng	98
90) Benzo(a)pyrene	23.627	252	6063330	116.281	ng	98
91) Dibenzo(a,h)anthracene	26.309	278	1568645	28.002	ng	# 94
92) Benzo(g,h,i)perylene	27.085	276	5043225	92.007	ng	95

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

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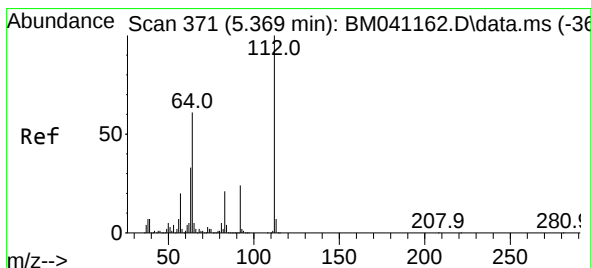
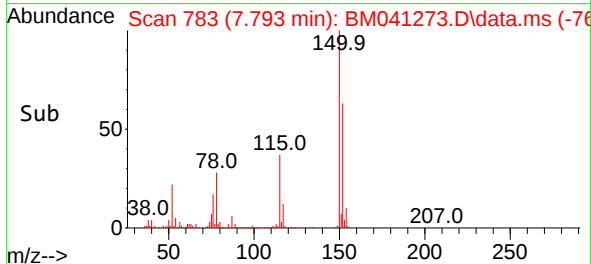
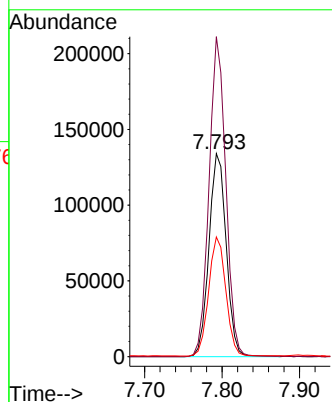
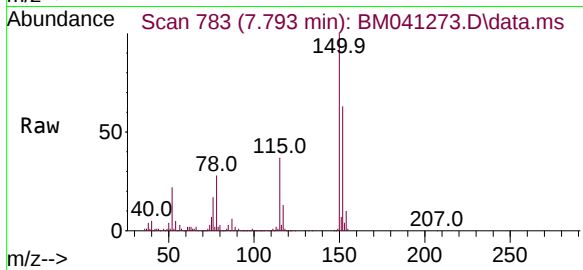




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 783
Delta R.T. -0.000 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

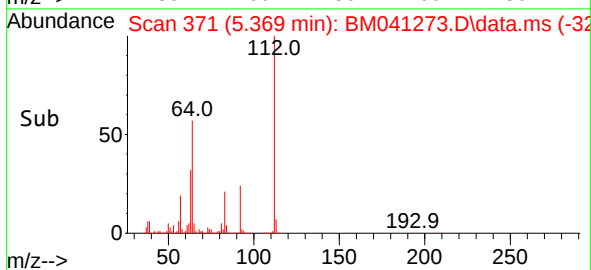
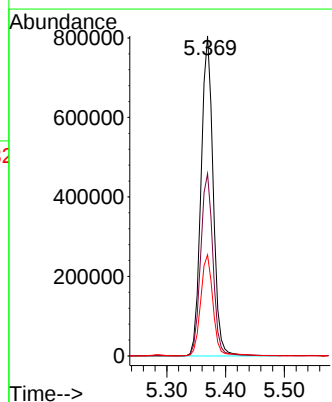
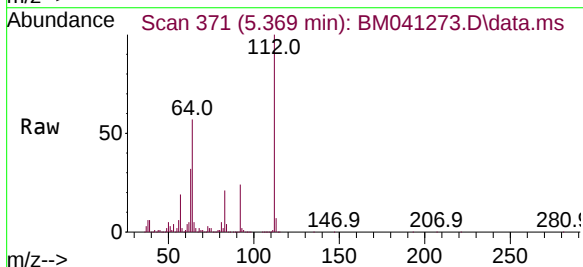
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-10-(0-5)

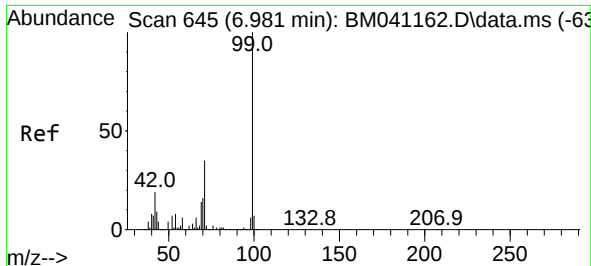
Tgt Ion:152 Resp: 206655
Ion Ratio Lower Upper
152 100
150 157.7 125.5 188.3
115 58.9 48.0 72.0



#5
2-Fluorophenol
Concen: 83.147 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

Tgt Ion:112 Resp: 1149660
Ion Ratio Lower Upper
112 100
64 56.9 48.5 72.7
63 31.6 26.5 39.7

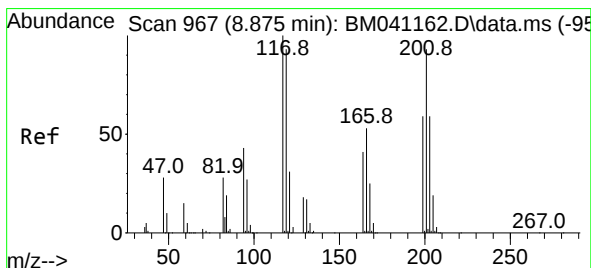
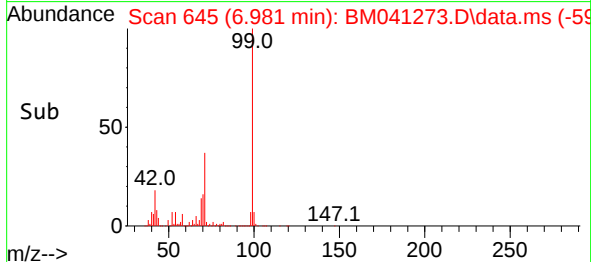
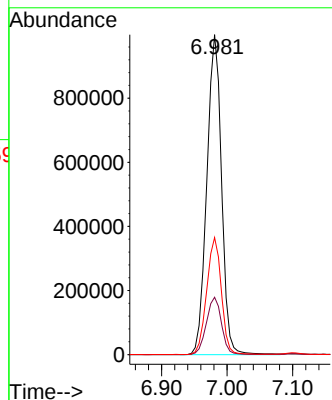
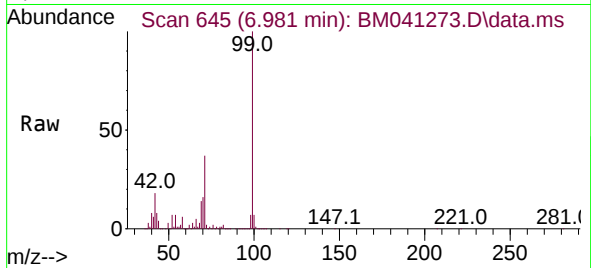




#7
Phenol-d6
Concen: 86.626 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

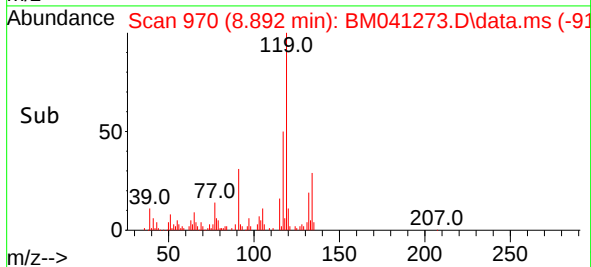
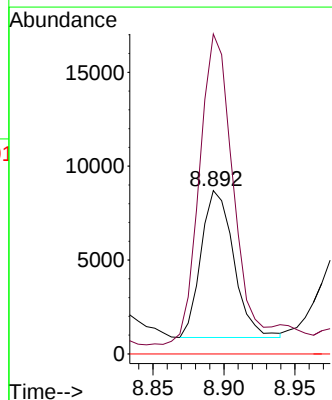
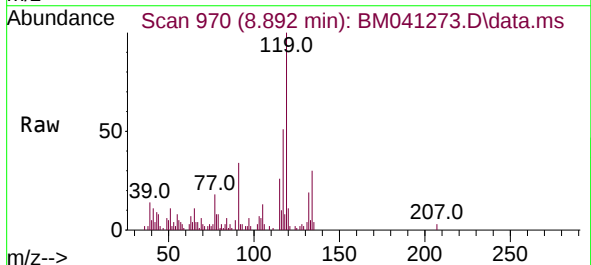
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-10-(0-5)

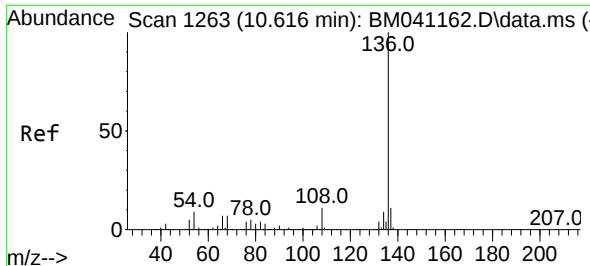
Tgt Ion: 99 Resp: 1552591
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.6 28.2 42.4



#18
Hexachloroethane
Concen: 2.279 ng
RT: 8.892 min Scan# 970
Delta R.T. 0.029 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

Tgt Ion: 117 Resp: 12531
Ion Ratio Lower Upper
117 100
119 196.0 74.2 111.4#
201 0.0 74.5 111.7#

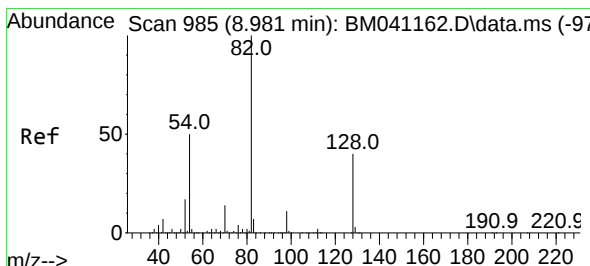
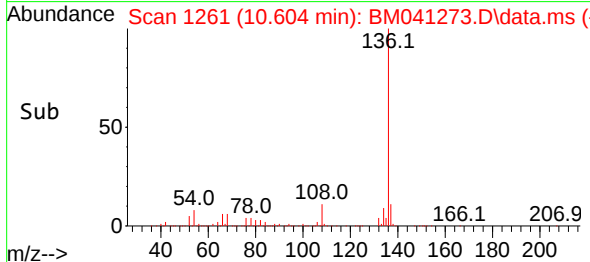
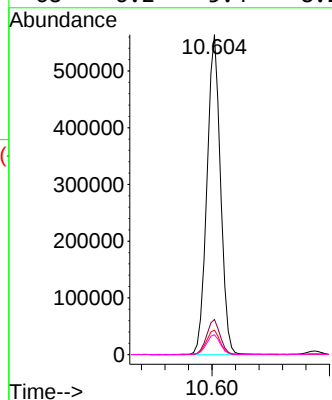
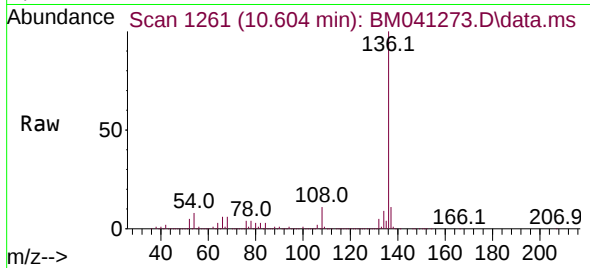




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

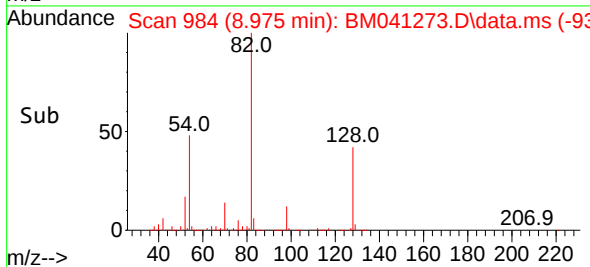
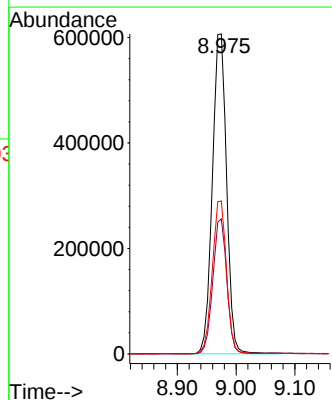
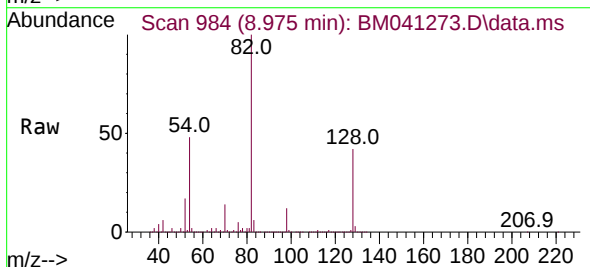
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-10-(0-5)

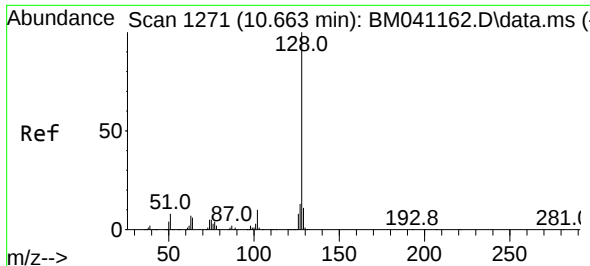
Tgt Ion:	136	Resp:	899980
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	6.9	10.3
68	6.2	5.4	8.2



#23
Nitrobenzene-d5
Concen: 52.651 ng
RT: 8.975 min Scan# 984
Delta R.T. -0.000 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

Tgt Ion:	82	Resp:	1018931
Ion	Ratio	Lower	Upper
82	100		
128	42.2	31.8	47.6
54	47.8	40.1	60.1

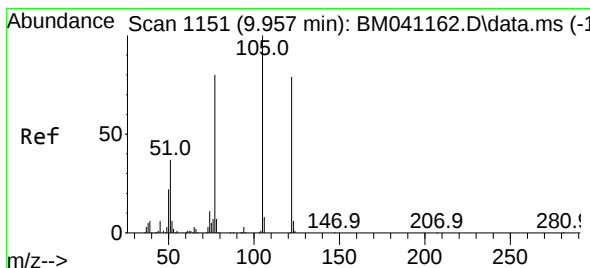
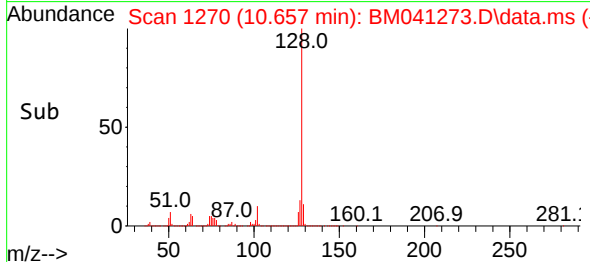
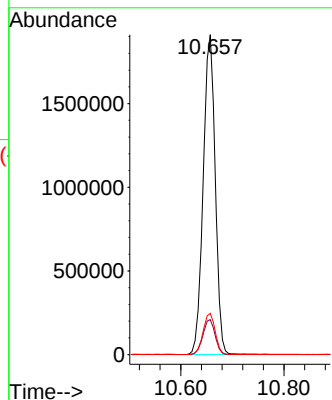
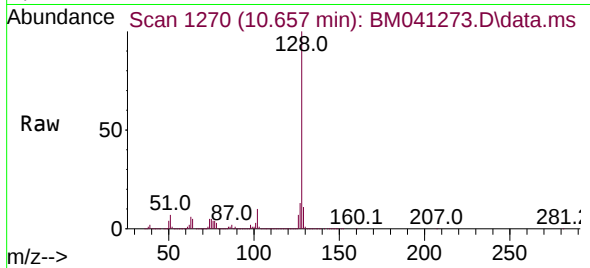




#31
Naphthalene
Concen: 63.117 ng
RT: 10.657 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

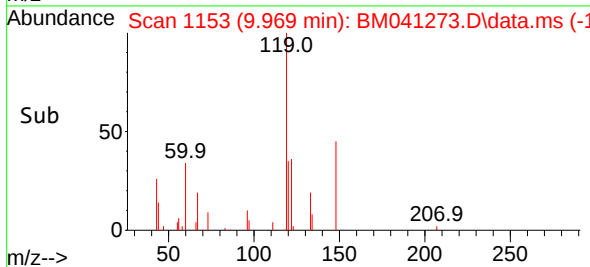
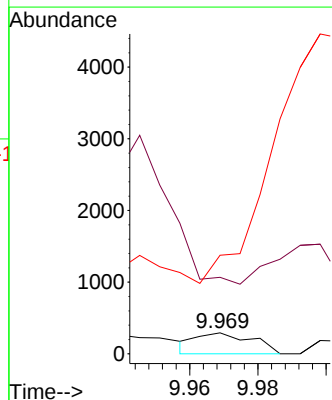
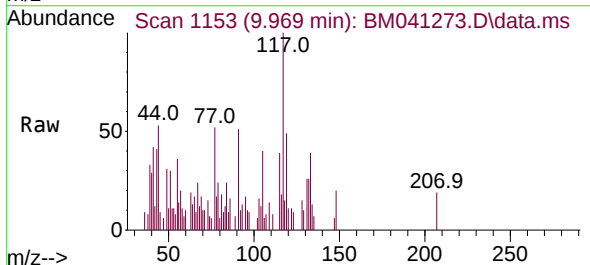
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-10-(0-5)

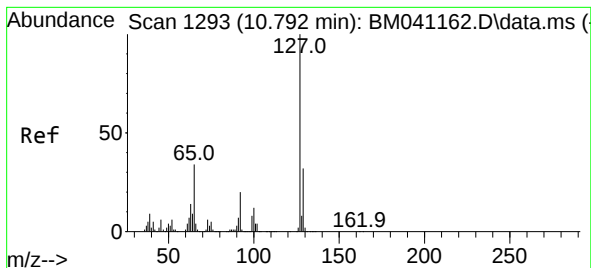
Tgt Ion:128 Resp: 3082513
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 7.183 ng
RT: 9.969 min Scan# 1153
Delta R.T. 0.012 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

Tgt Ion:122 Resp: 334
Ion Ratio Lower Upper
122 100
105 364.5 104.0 144.0#
77 470.0 79.9 119.9#





#33

4-Chloroaniline

Concen: 20.546 ng

RT: 10.657 min Scan# 11

Delta R.T. -0.124 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-10-(0-5)

Tgt Ion:127 Resp: 401006

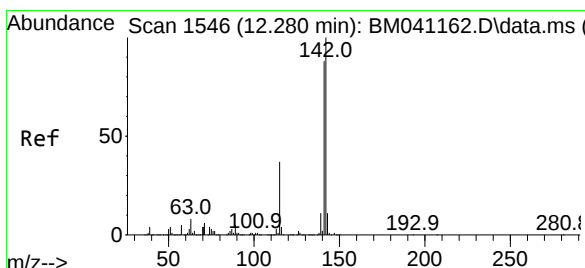
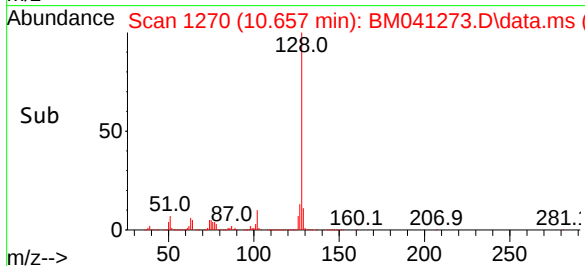
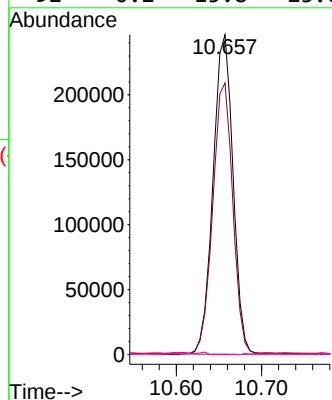
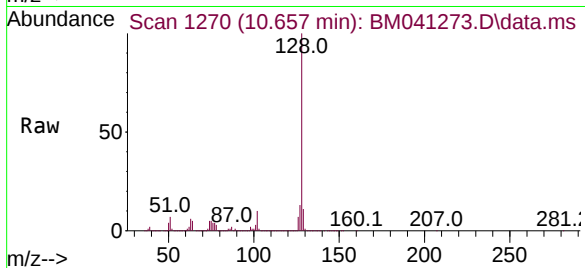
Ion Ratio Lower Upper

127 100

129 84.9 25.9 38.9#

65 0.0 26.9 40.3#

92 0.2 15.8 23.6#



#37

2-Methylnaphthalene

Concen: 31.133 ng

RT: 12.275 min Scan# 1545

Delta R.T. -0.000 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

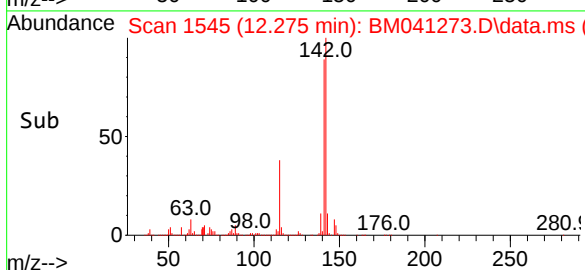
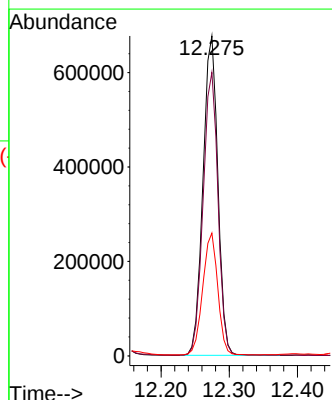
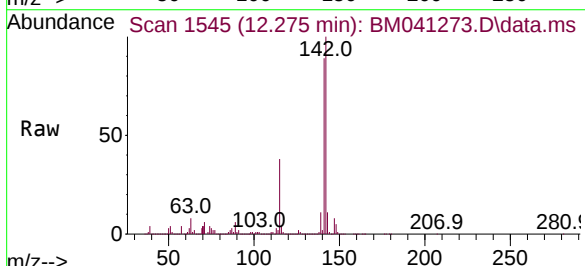
Tgt Ion:142 Resp: 1025090

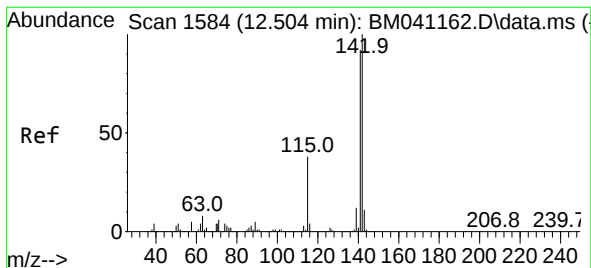
Ion Ratio Lower Upper

142 100

141 88.6 70.7 106.1

115 38.4 29.3 43.9





#38

1-Methylnaphthalene

Concen: 66.514 ng

RT: 12.498 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

Instrument :

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ClientSampleId :

BUILDING-A-10-(0-5)

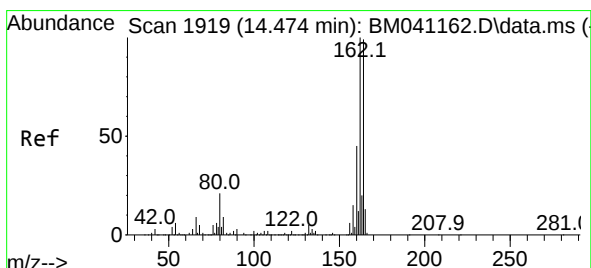
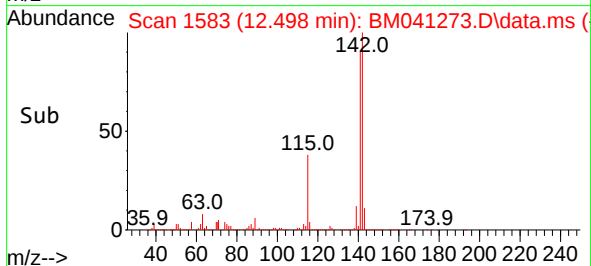
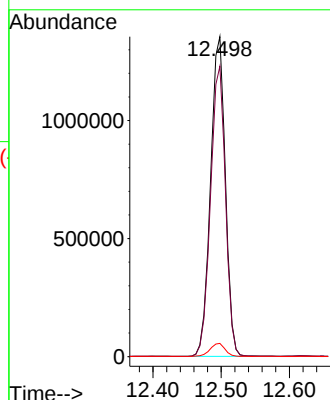
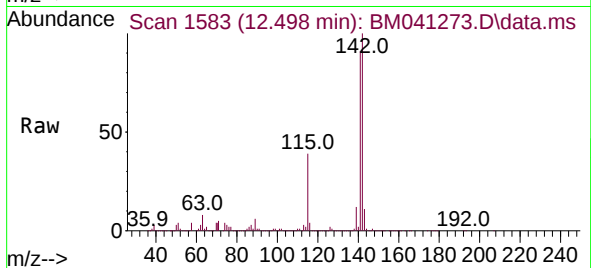
Tgt Ion:142 Resp: 2049722

Ion Ratio Lower Upper

142 100

141 90.7 73.4 110.2

116 4.1 3.2 4.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

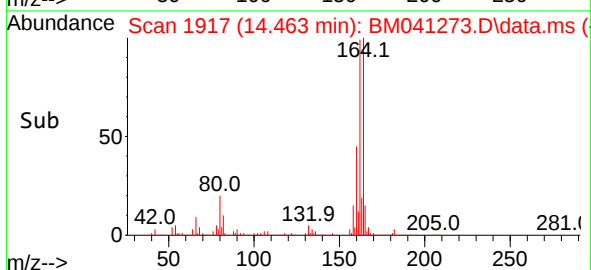
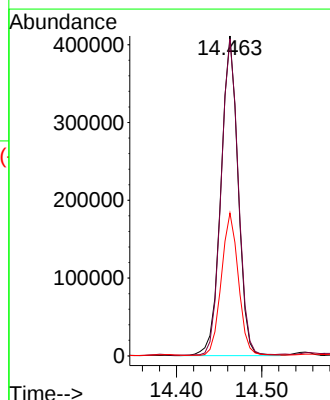
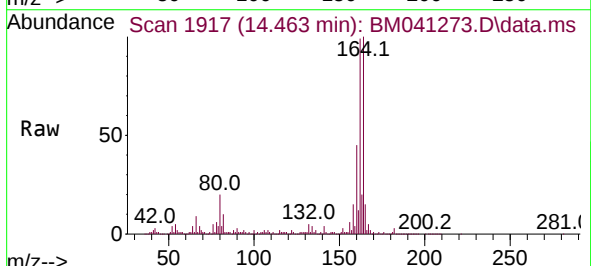
Tgt Ion:164 Resp: 573653

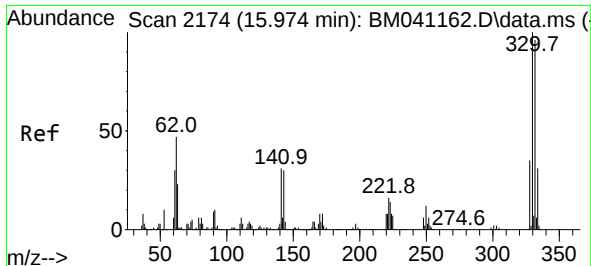
Ion Ratio Lower Upper

164 100

162 99.1 80.4 120.6

160 44.6 36.2 54.2

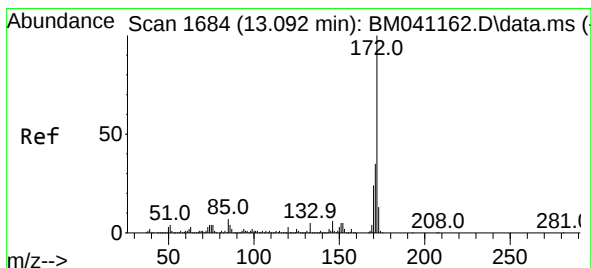
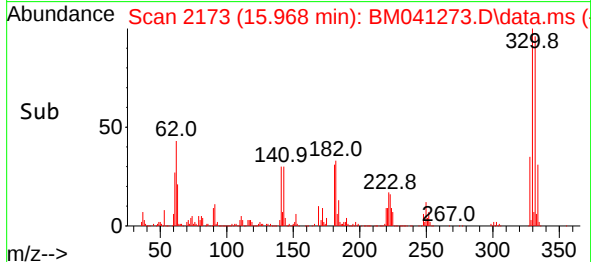
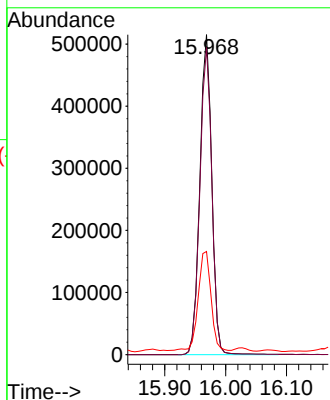
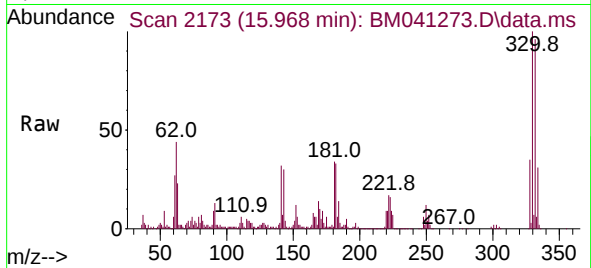




#42
2,4,6-Tribromophenol
Concen: 86.196 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

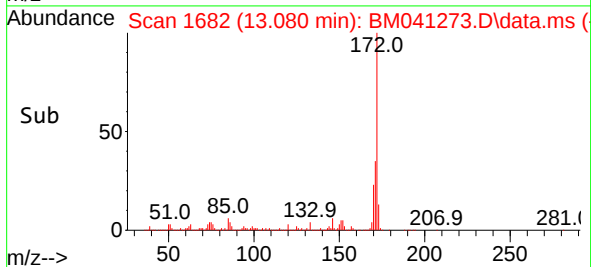
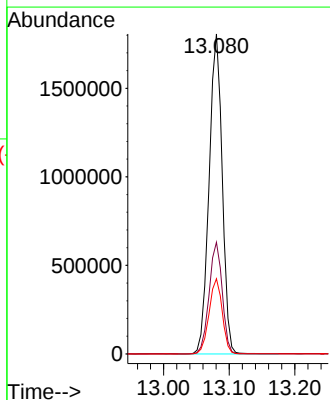
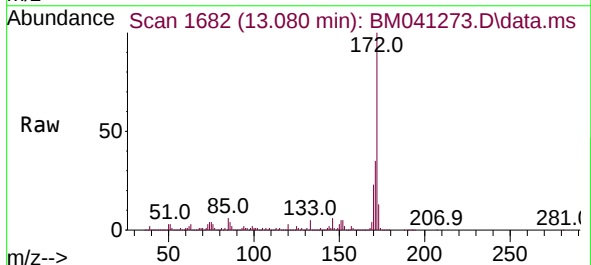
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-10-(0-5)

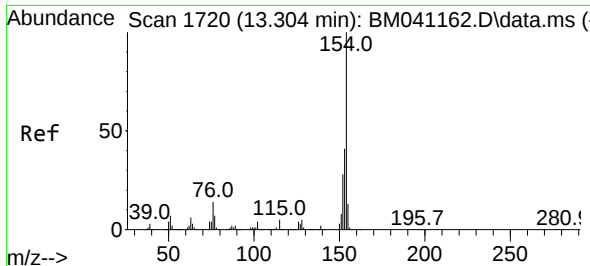
Tgt Ion:330 Resp: 699394
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 34.3 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 55.318 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

Tgt Ion:172 Resp: 2512036
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.5 18.9 28.3

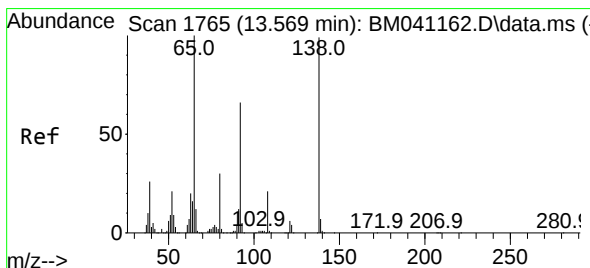
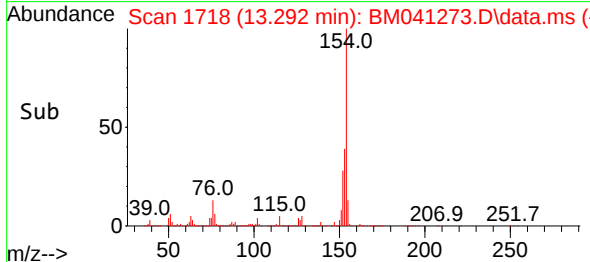
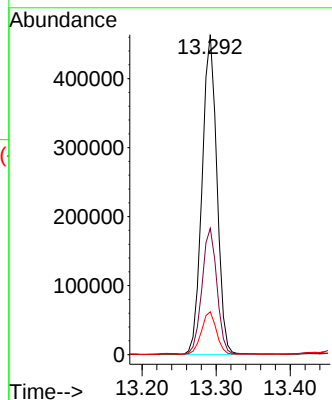
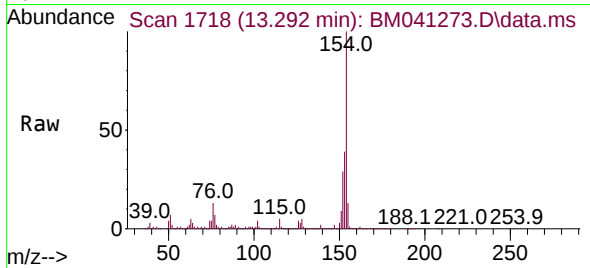




#46
1,1'-Biphenyl
Concen: 13.807 ng
RT: 13.292 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

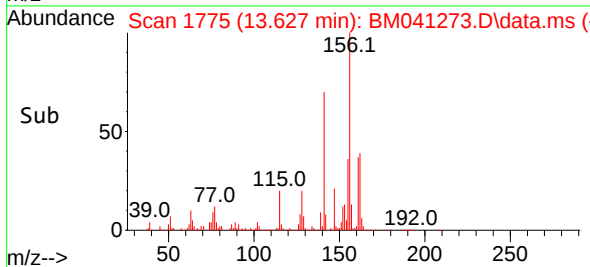
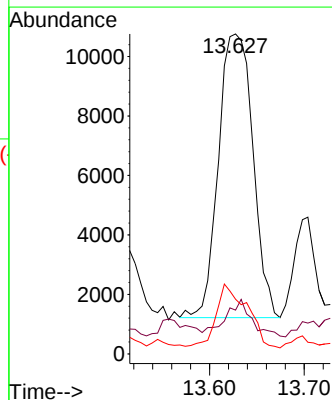
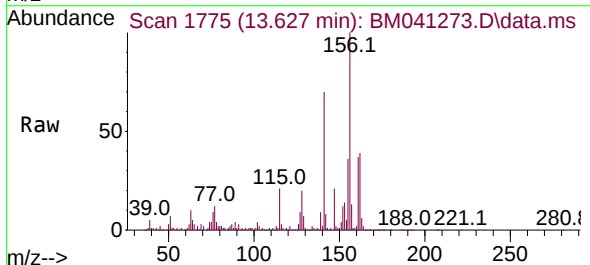
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-10-(0-5)

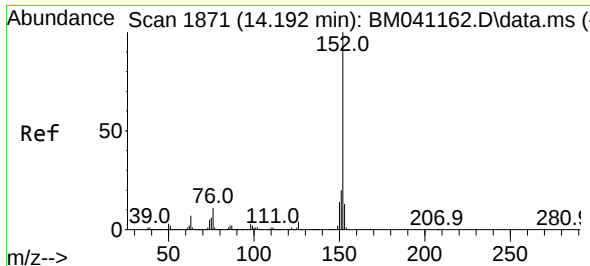
Tgt Ion:154 Resp: 642103
Ion Ratio Lower Upper
154 100
153 39.5 20.5 60.5
76 13.4 0.0 34.1



#48
2-Nitroaniline
Concen: 2.176 ng
RT: 13.627 min Scan# 1775
Delta R.T. 0.070 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

Tgt Ion: 65 Resp: 24117
Ion Ratio Lower Upper
65 100
92 13.7 53.0 79.4#
138 17.1 79.1 118.7#

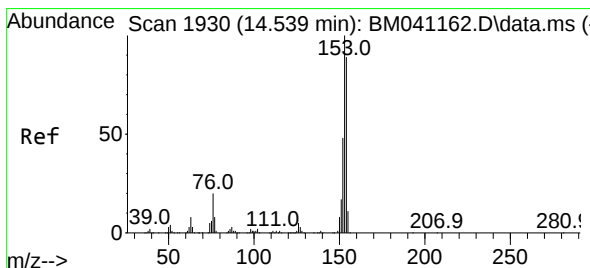
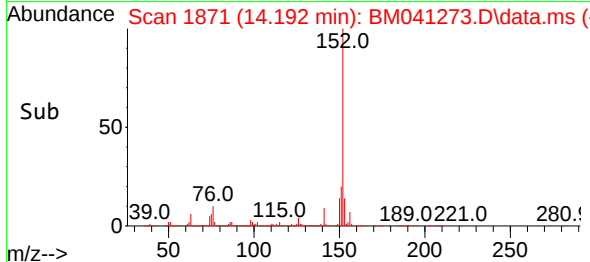
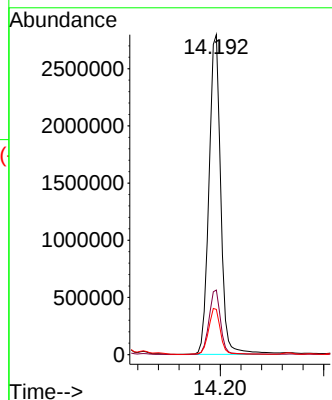
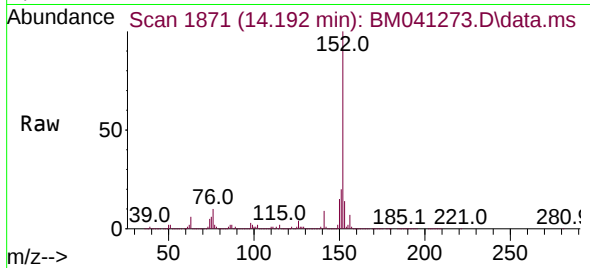




#49
Acenaphthylene
Concen: 78.895 ng
RT: 14.192 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

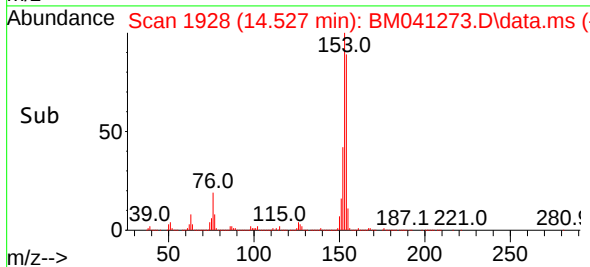
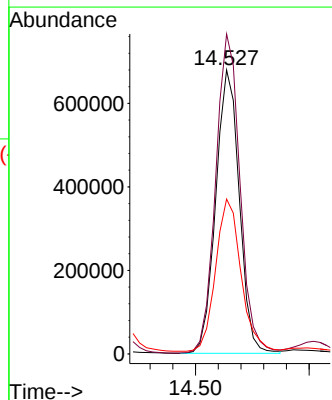
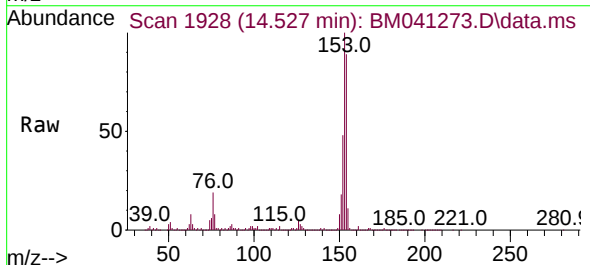
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-10-(0-5)

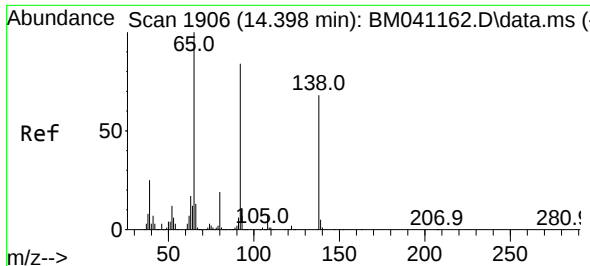
Tgt Ion:152 Resp: 4421861
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 14.1 10.5 15.7



#52
Acenaphthene
Concen: 28.953 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

Tgt Ion:154 Resp: 977591
Ion Ratio Lower Upper
154 100
153 112.7 90.2 135.4
152 54.6 43.4 65.0

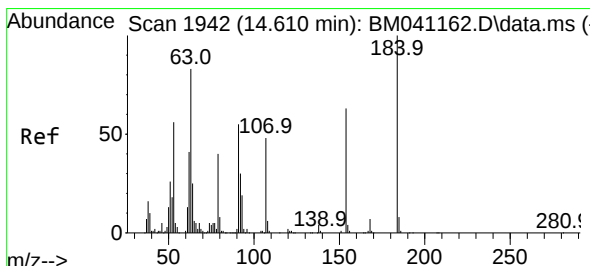
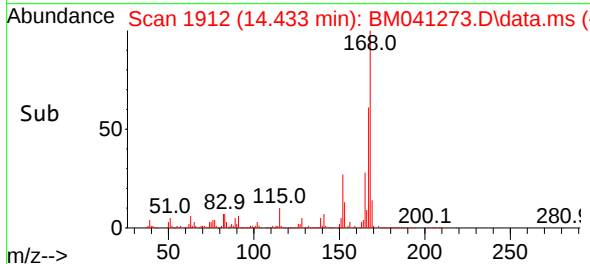
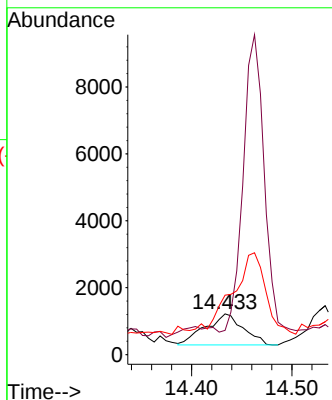
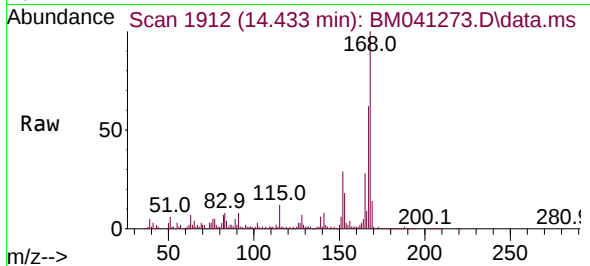




#53
3-Nitroaniline
Concen: 2.801 ng
RT: 14.433 min Scan# 1906
Delta R.T. 0.041 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

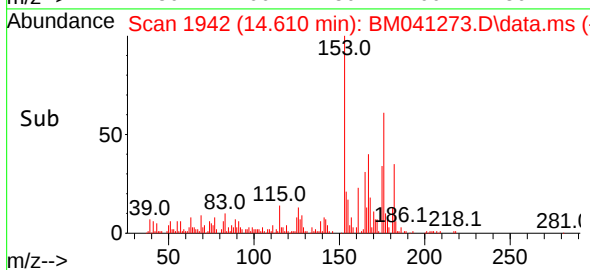
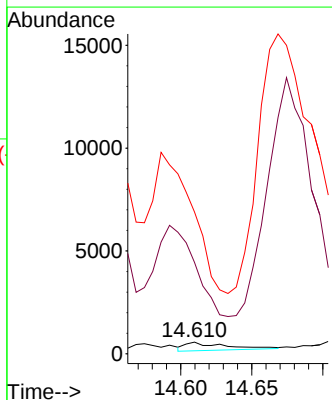
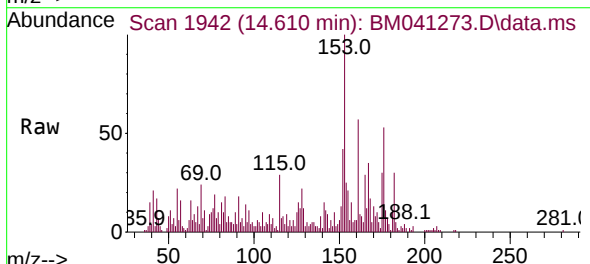
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-10-(0-5)

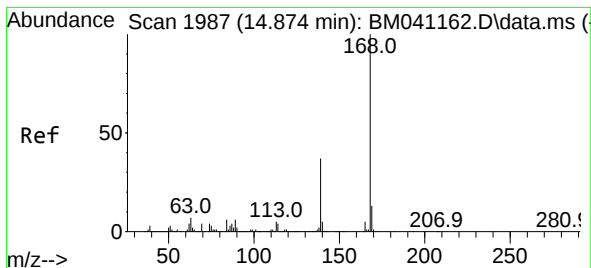
Tgt Ion:138 Resp: 2444
Ion Ratio Lower Upper
138 100
108 59.7 7.6 11.4#
92 146.2 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 5.960 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

Tgt Ion:184 Resp: 820
Ion Ratio Lower Upper
184 100
63 776.6 66.5 99.7#
154 1204.9 52.8 79.2#





#55

Dibenzenofuran

Concen: 13.918 ng

RT: 14.863 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-10-(0-5)

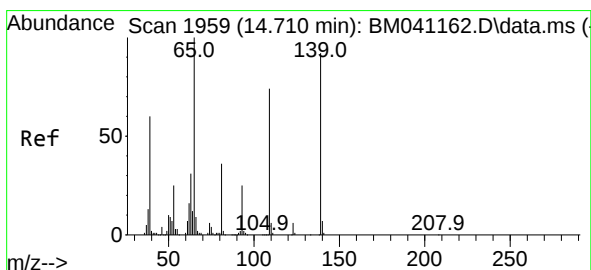
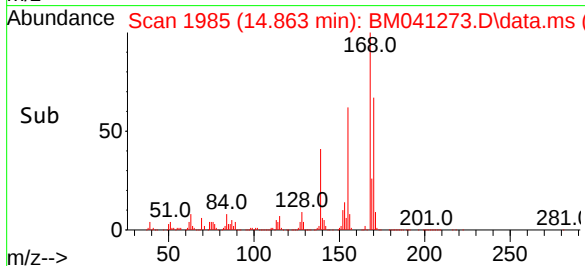
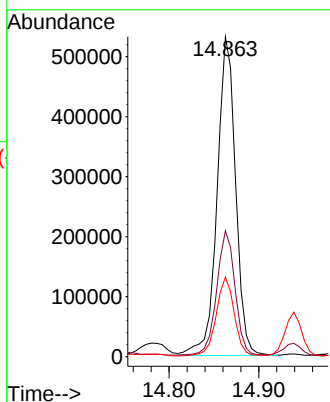
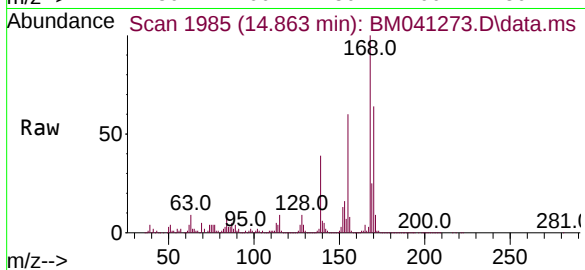
Tgt Ion:168 Resp: 766741

Ion Ratio Lower Upper

168 100

139 39.3 29.8 44.6

169 24.8 10.5 15.7#



#56

4-Nitrophenol

Concen: 3.864 ng

RT: 14.674 min Scan# 1953

Delta R.T. -0.047 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

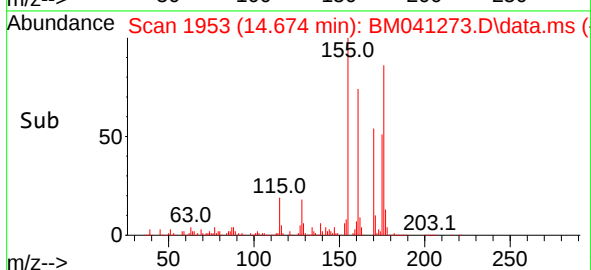
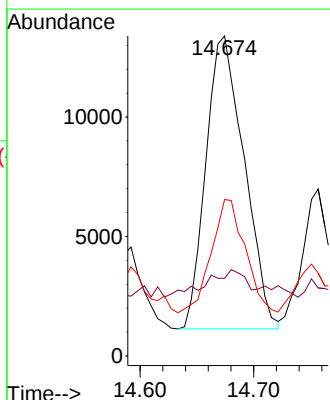
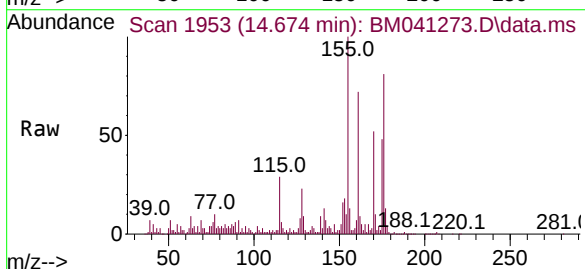
Tgt Ion:139 Resp: 28791

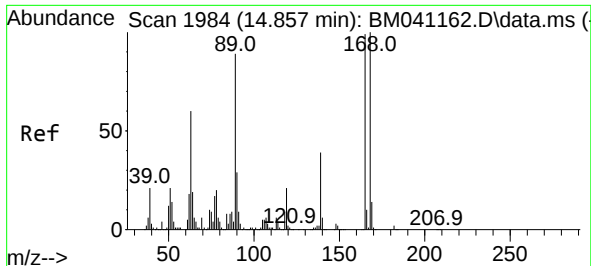
Ion Ratio Lower Upper

139 100

109 24.2 61.2 101.2#

65 48.9 89.5 129.5#





#57

2,4-Dinitrotoluene

Concen: 4.881 ng

RT: 14.863 min Scan# 1985

Delta R.T. 0.006 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-10-(0-5)

Tgt Ion:165 Resp: 29891

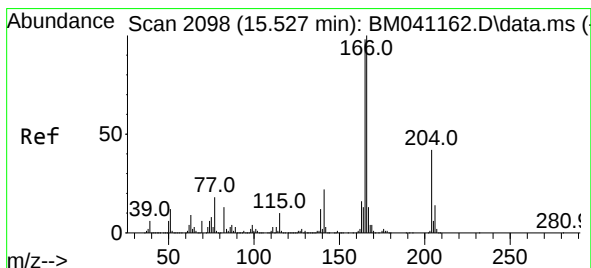
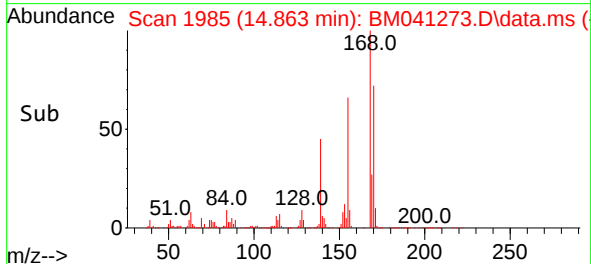
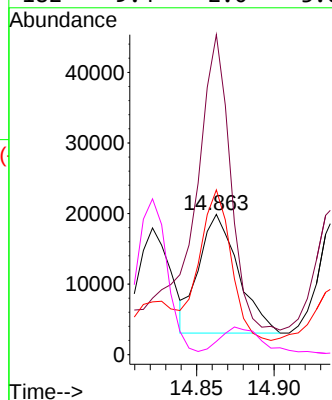
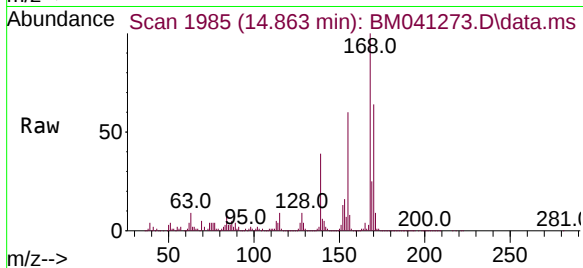
Ion Ratio Lower Upper

165 100

63 228.2 48.3 72.5#

89 117.4 71.8 107.8#

182 9.4 2.0 3.0#



#58

Fluorene

Concen: 78.654 ng

RT: 15.521 min Scan# 2097

Delta R.T. 0.006 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

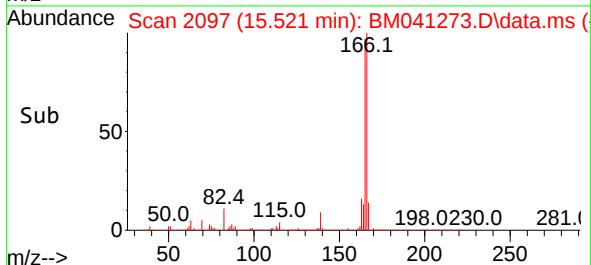
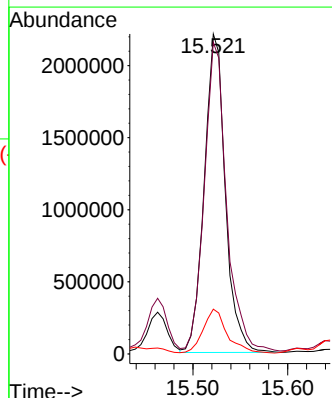
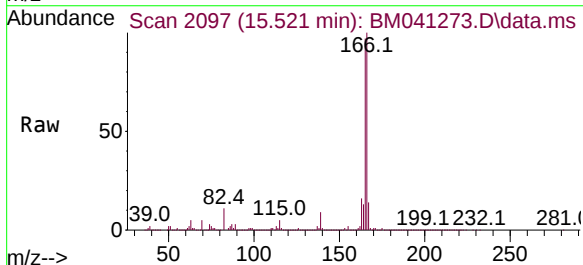
Tgt Ion:166 Resp: 3418195

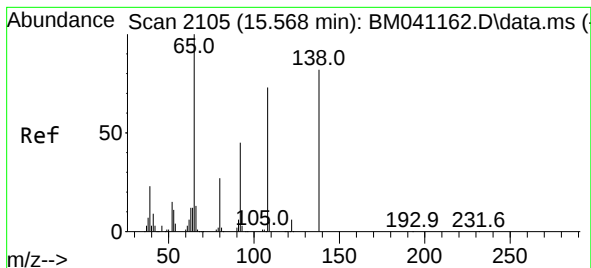
Ion Ratio Lower Upper

166 100

165 97.3 78.2 117.4

167 14.0 10.6 16.0

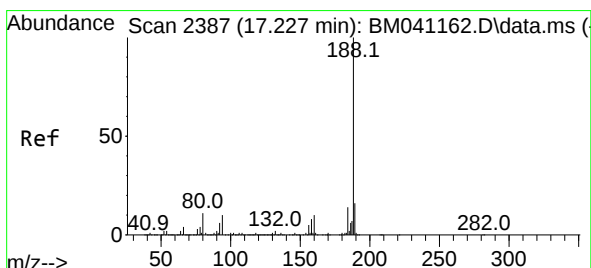
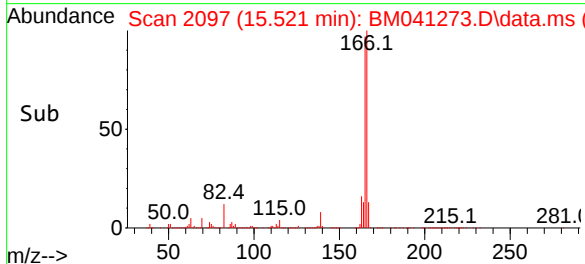
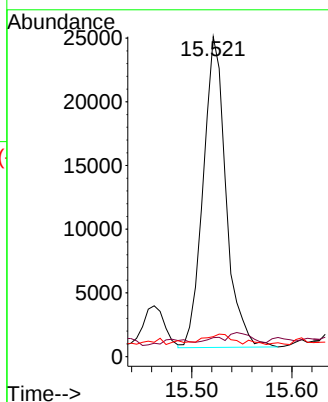
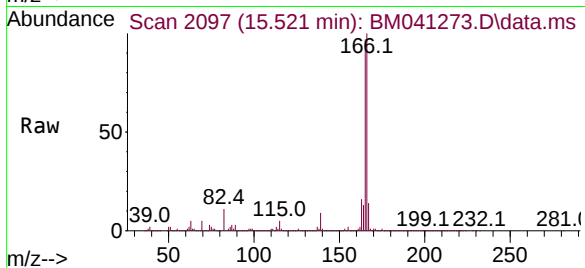




#62
4-Nitroaniline
Concen: 7.831 ng
RT: 15.521 min Scan# 2097
Delta R.T. -0.041 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

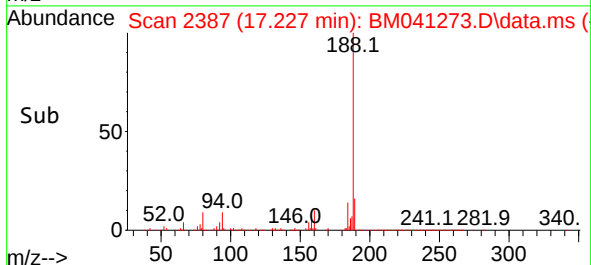
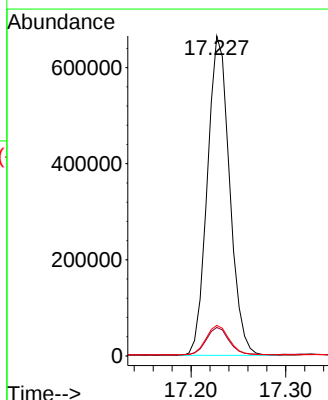
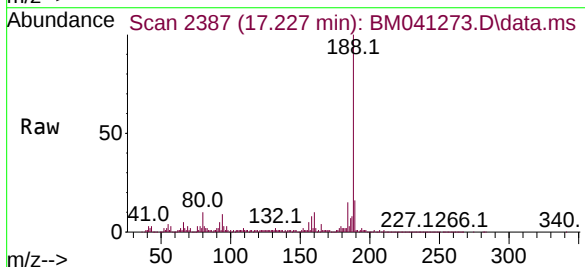
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-10-(0-5)

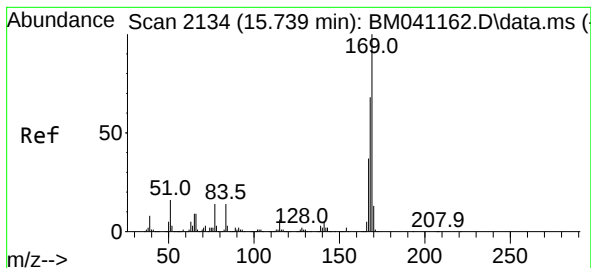
Tgt Ion:138 Resp: 38442
Ion Ratio Lower Upper
138 100
92 5.9 35.1 75.1#
108 6.2 67.8 107.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2387
Delta R.T. 0.006 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

Tgt Ion:188 Resp: 1084229
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.5 8.6 13.0





#66

n-Nitrosodiphenylamine

Concen: 3.350 ng

RT: 15.727 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-10-(0-5)

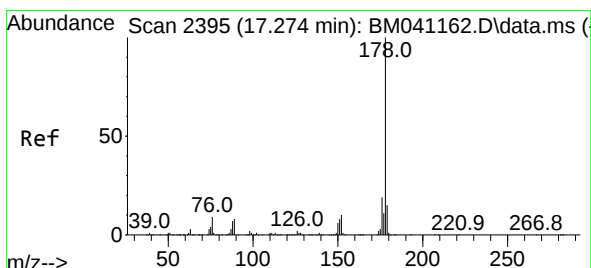
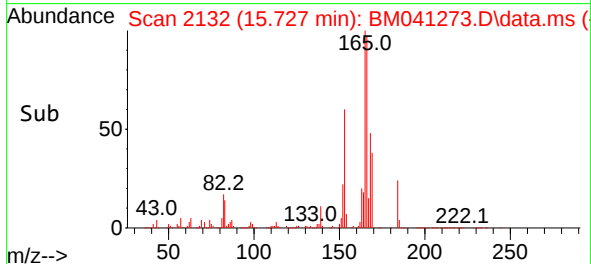
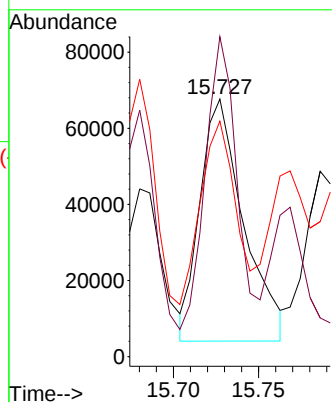
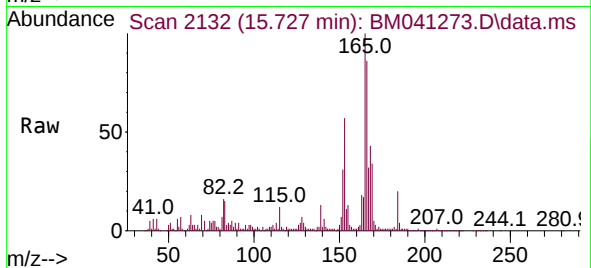
Tgt Ion:169 Resp: 112978

Ion Ratio Lower Upper

169 100

168 124.3 54.6 81.8#

167 91.4 29.9 44.9#



#71

Phenanthrene

Concen: 248.276 ng

RT: 17.292 min Scan# 2398

Delta R.T. 0.023 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

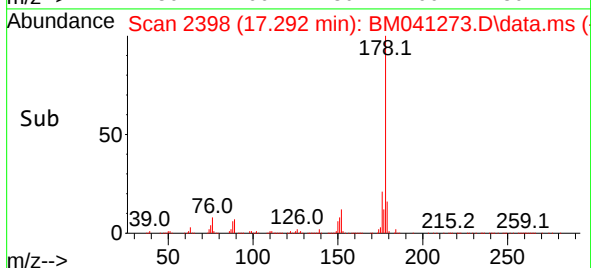
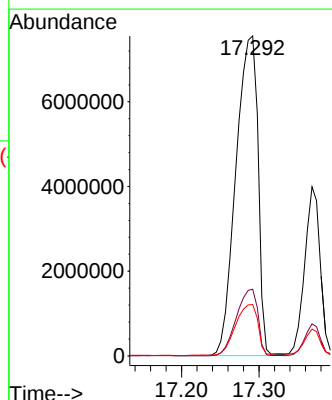
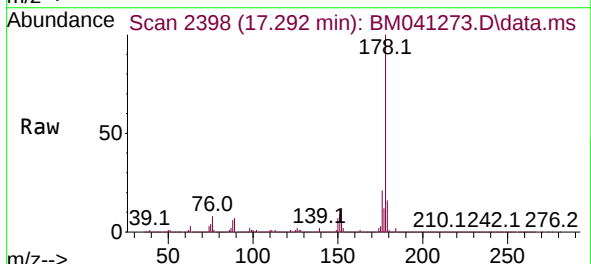
Tgt Ion:178 Resp:14956234

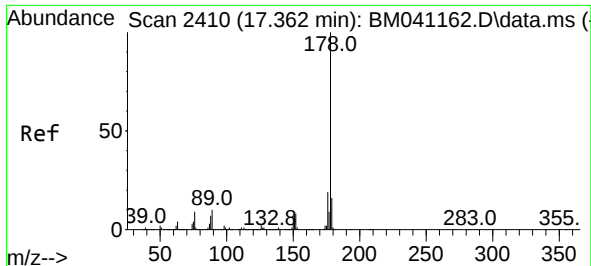
Ion Ratio Lower Upper

178 100

176 20.8 15.6 23.4

179 16.0 12.1 18.1

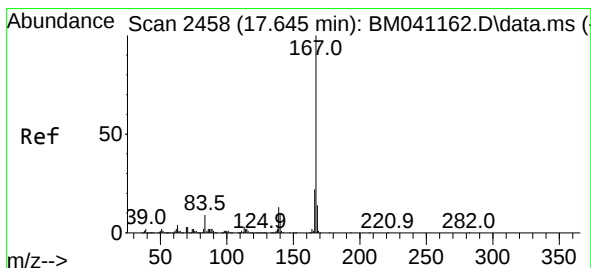
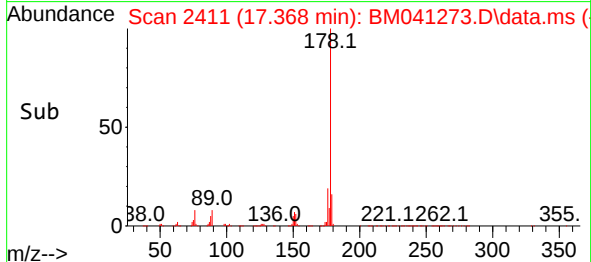
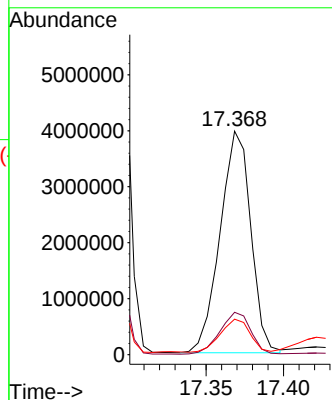
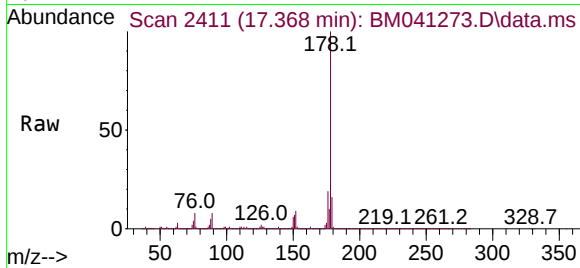




#72
 Anthracene
 Concen: 91.706 ng
 RT: 17.368 min Scan# 2410
 Delta R.T. 0.012 min
 Lab File: BM041273.D
 Acq: 03 Aug 2023 22:05

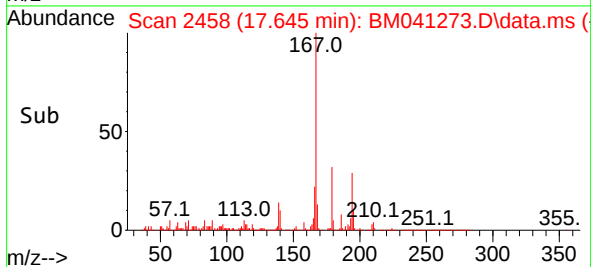
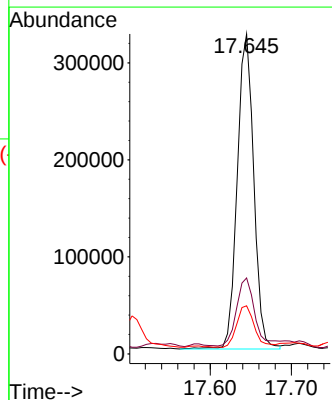
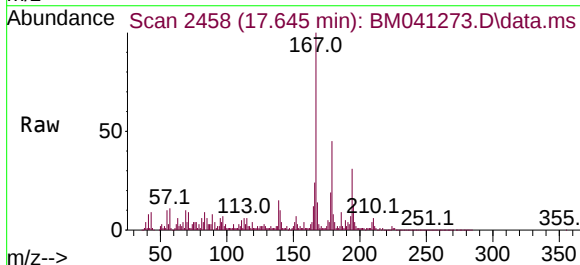
Instrument :
 BNA_M
 ClientSampleId :
 BUILDING-A-10-(0-5)

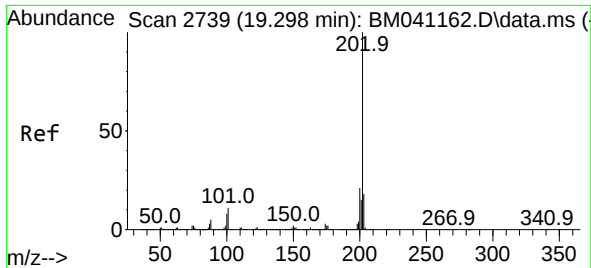
Tgt Ion:178 Resp: 5463741
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.9 12.4 18.6



#73
 Carbazole
 Concen: 8.519 ng
 RT: 17.645 min Scan# 2458
 Delta R.T. 0.006 min
 Lab File: BM041273.D
 Acq: 03 Aug 2023 22:05

Tgt Ion:167 Resp: 459409
 Ion Ratio Lower Upper
 167 100
 166 23.7 17.3 25.9
 139 15.0 10.3 15.5

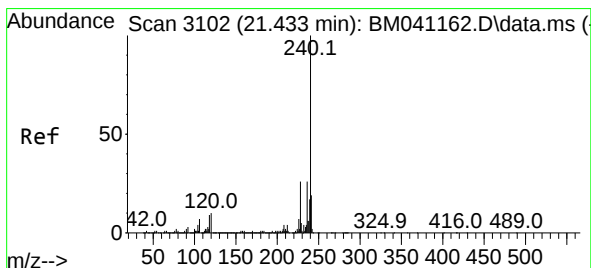
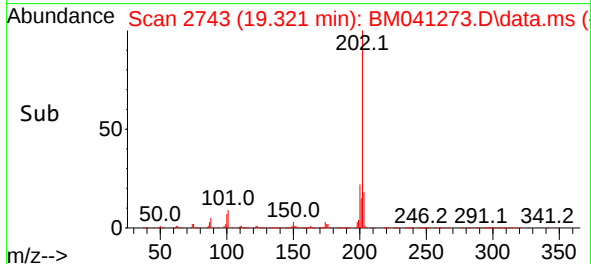
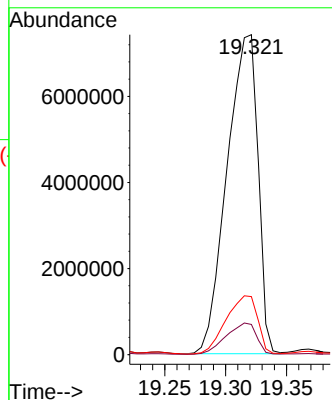
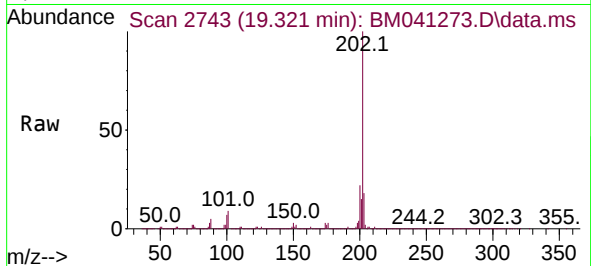




#75
Fluoranthene
Concen: 193.630 ng
RT: 19.321 min Scan# 21
Delta R.T. 0.029 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

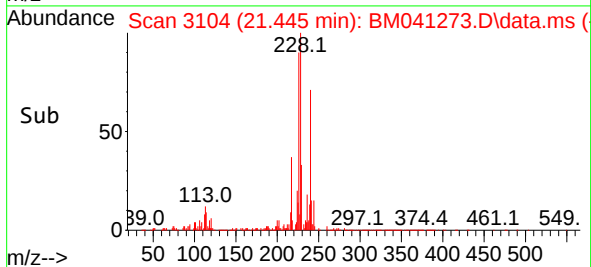
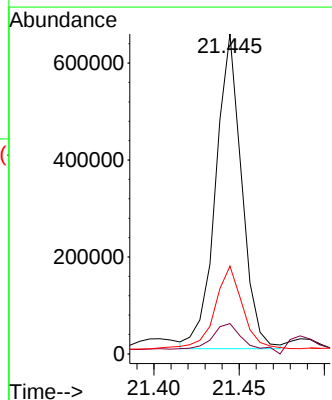
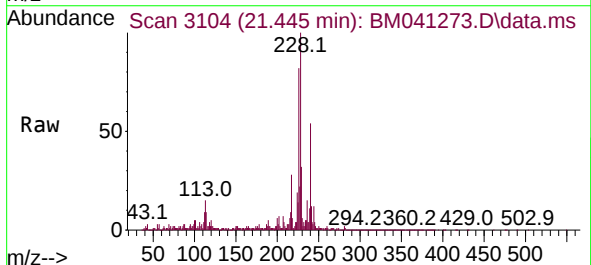
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-10-(0-5)

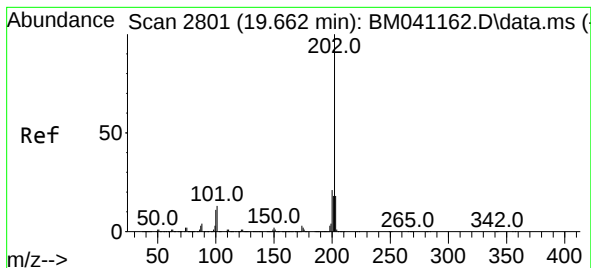
Tgt Ion:202 Resp:13104613
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.8
203 18.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3104
Delta R.T. 0.012 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

Tgt Ion:240 Resp: 691282
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 27.4 20.6 30.8





#78

Pyrene

Concen: 396.410 ng

RT: 19.692 min Scan# 2806

Delta R.T. 0.035 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-10-(0-5)

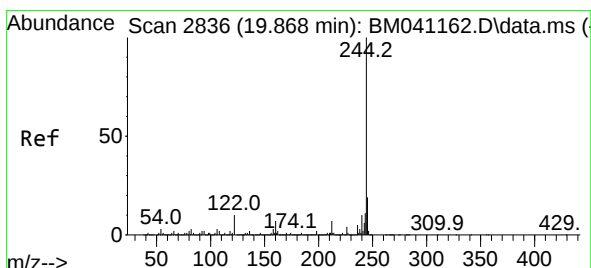
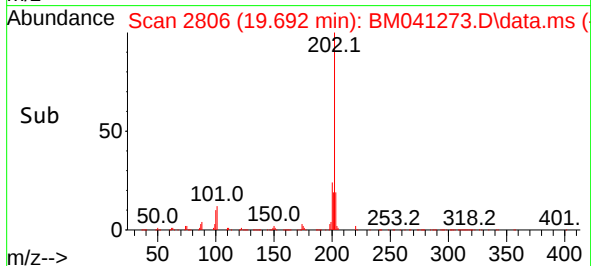
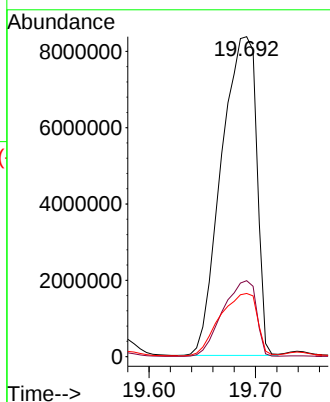
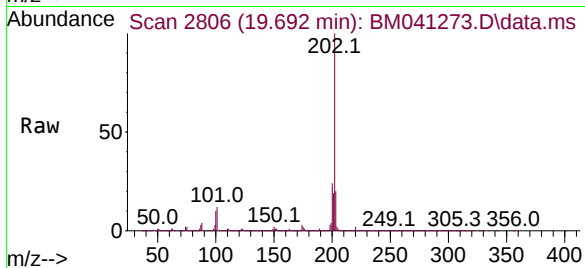
Tgt Ion:202 Resp:19163357

Ion Ratio Lower Upper

202 100

200 23.7 16.9 25.3

203 19.7 14.1 21.1



#79

Terphenyl-d14

Concen: 75.760 ng

RT: 19.868 min Scan# 2836

Delta R.T. 0.006 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

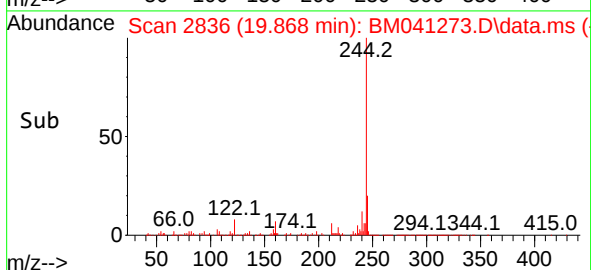
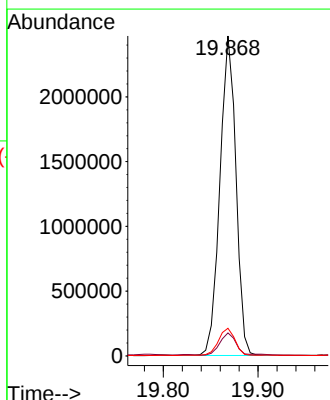
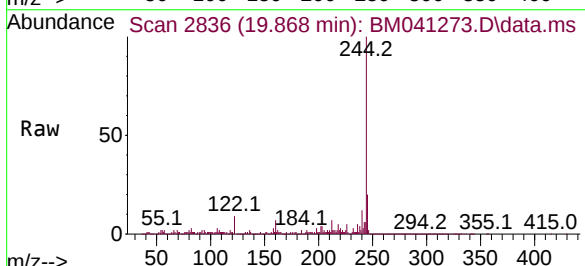
Tgt Ion:244 Resp: 2896559

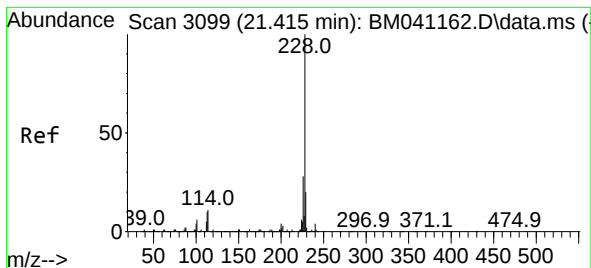
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 8.6 7.8 11.6





#81

Benzo(a)anthracene

Concen: 192.309 ng

RT: 21.427 min Scan# 3111

Delta R.T. 0.012 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-10-(0-5)

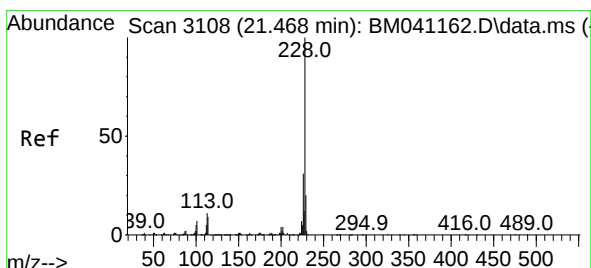
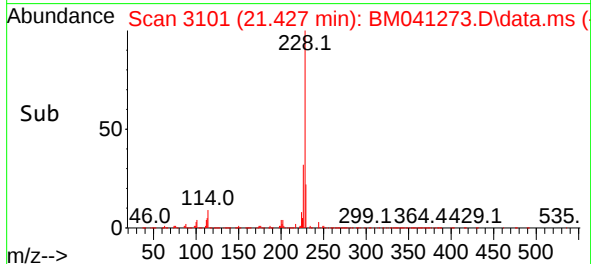
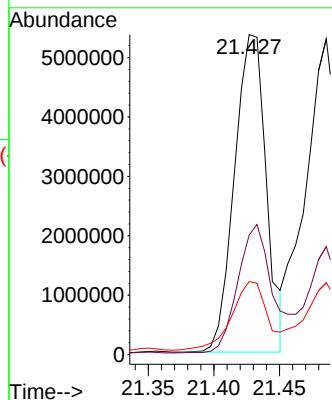
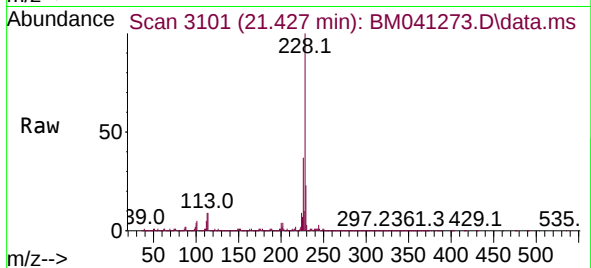
Tgt Ion:228 Resp: 9012247

Ion Ratio Lower Upper

228 100

226 37.4 22.4 33.6#

229 22.8 15.8 23.8



#83

Chrysene

Concen: 192.077 ng

RT: 21.486 min Scan# 3111

Delta R.T. 0.018 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

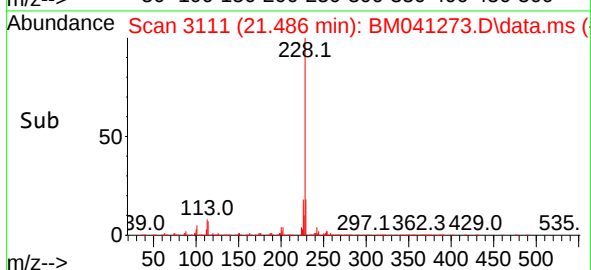
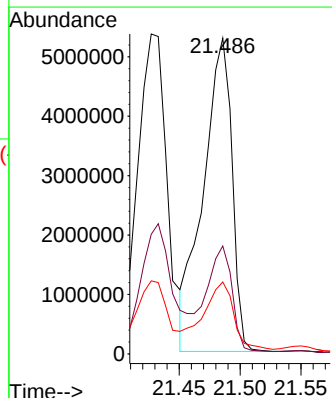
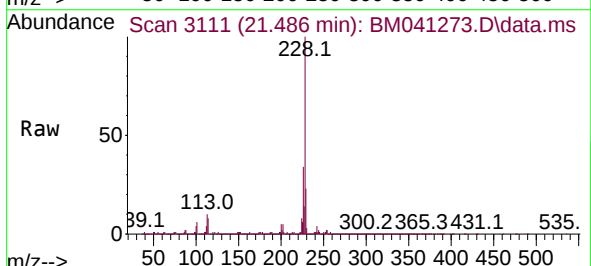
Tgt Ion:228 Resp: 8706482

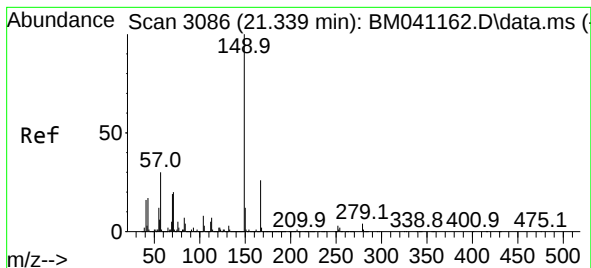
Ion Ratio Lower Upper

228 100

226 34.2 24.5 36.7

229 22.8 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.264 ng

RT: 21.339 min Scan# 3086

Delta R.T. 0.006 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-10-(0-5)

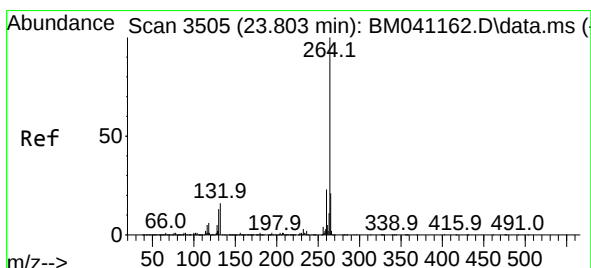
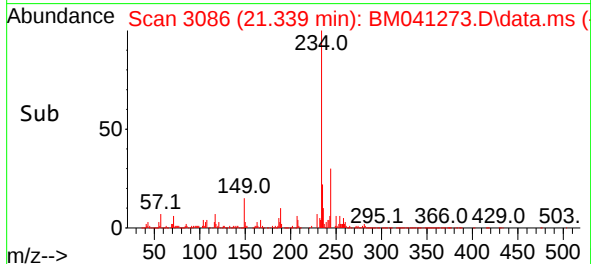
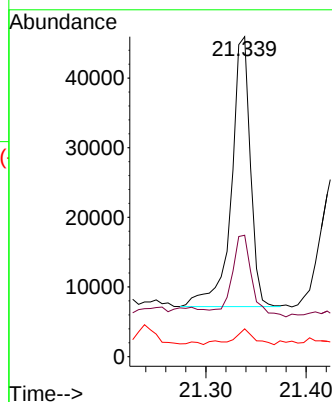
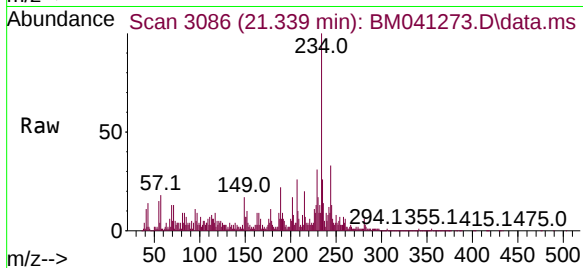
Tgt Ion:149 Resp: 51062

Ion Ratio Lower Upper

149 100

167 37.9 21.0 31.6#

279 8.7 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: BM041273.D

Acq: 03 Aug 2023 22:05

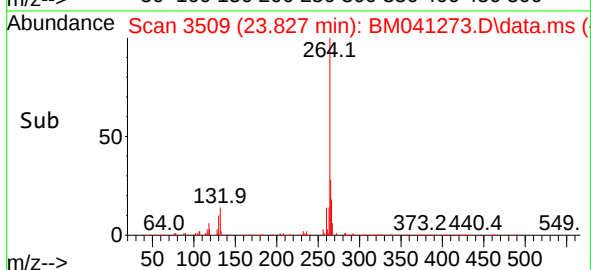
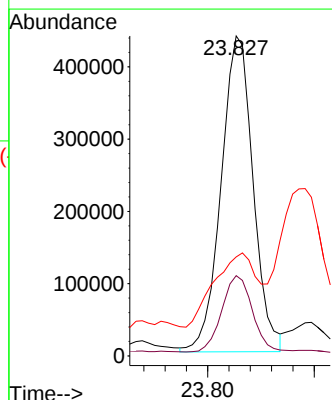
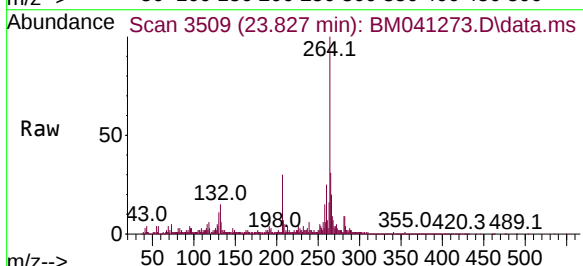
Tgt Ion:264 Resp: 913502

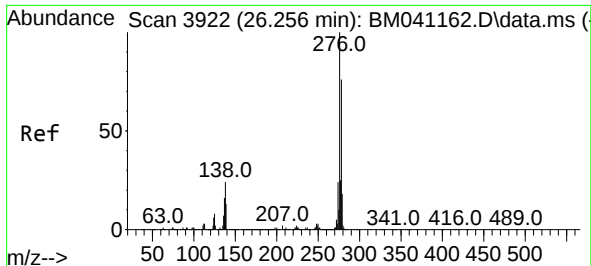
Ion Ratio Lower Upper

264 100

260 25.1 18.5 27.7

265 30.9 17.4 26.0#

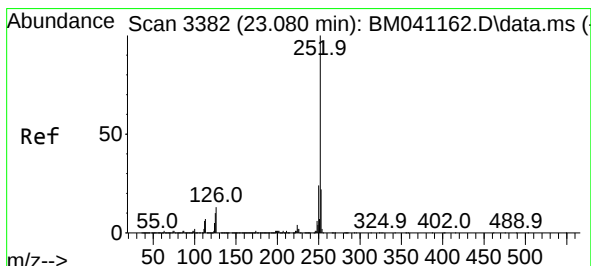
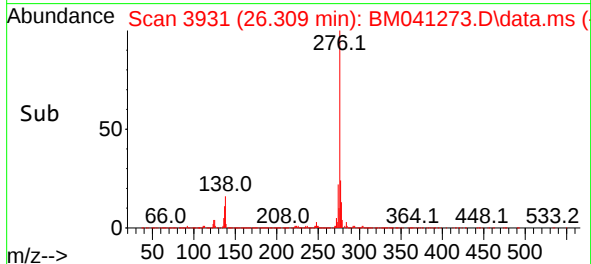
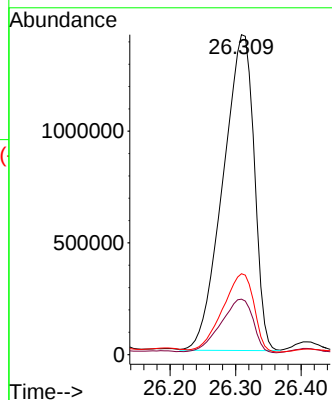
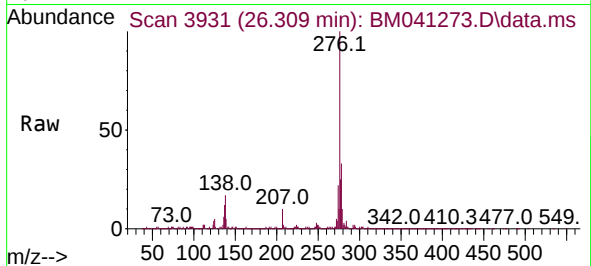




#87
Indeno(1,2,3-cd)pyrene
Concen: 69.406 ng
RT: 26.309 min Scan# 3922
Delta R.T. 0.047 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

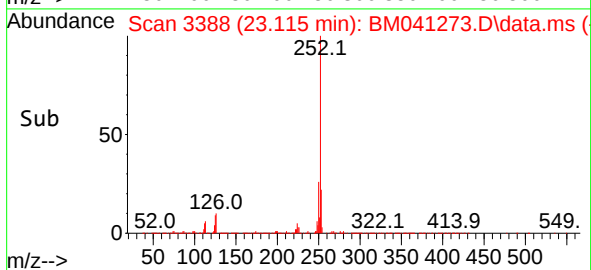
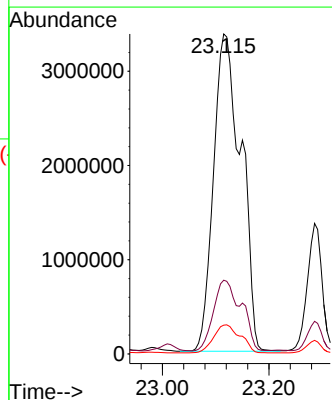
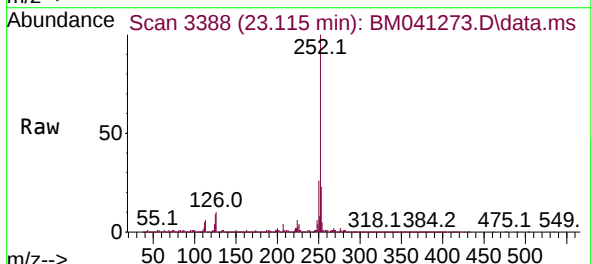
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-10-(0-5)

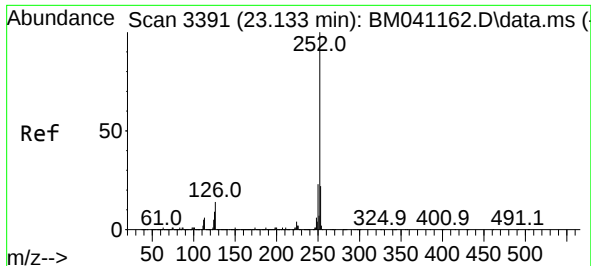
Tgt Ion:276 Resp: 4661438
Ion Ratio Lower Upper
276 100
138 17.6 20.0 30.0#
277 25.1 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 223.551 ng
RT: 23.115 min Scan# 3388
Delta R.T. 0.029 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

Tgt Ion:252 Resp:12131570
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 9.0 8.2 12.4

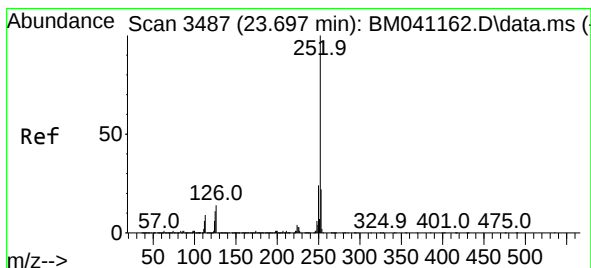
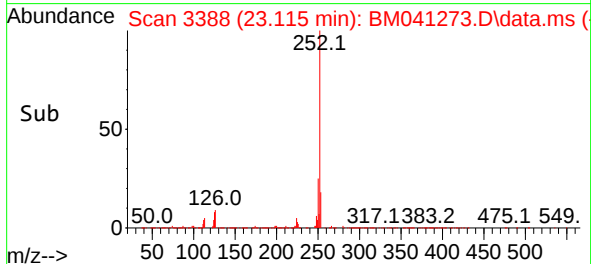
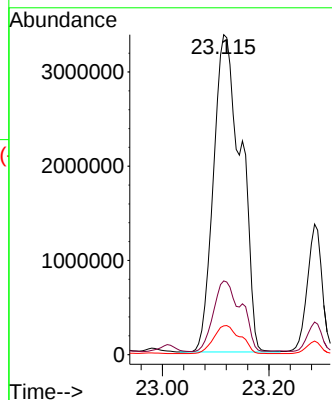
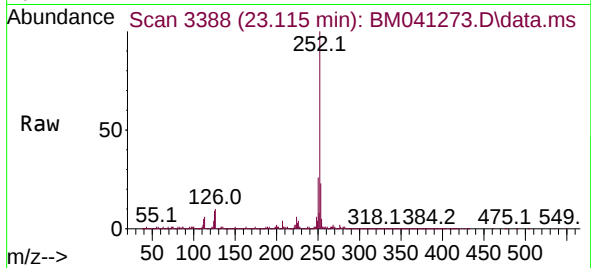




#89
Benzo(k)fluoranthene
Concen: 218.544 ng
RT: 23.115 min Scan# 3391
Delta R.T. -0.018 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

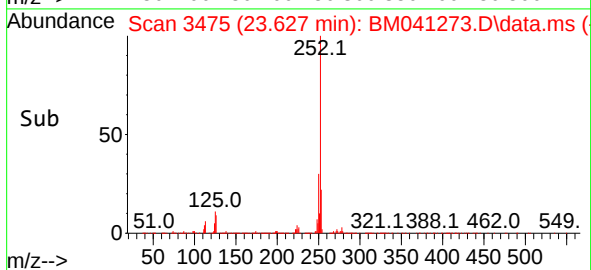
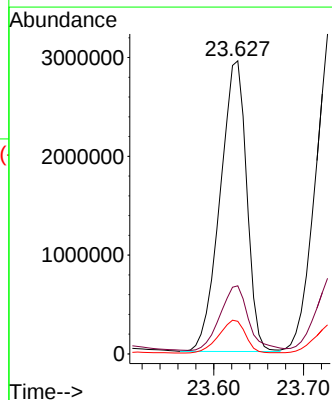
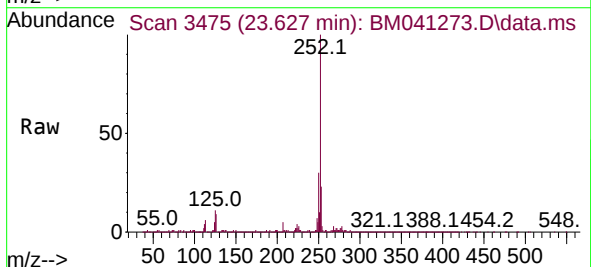
Instrument :
BNA_M
ClientSampleId :
BUILDING-A-10-(0-5)

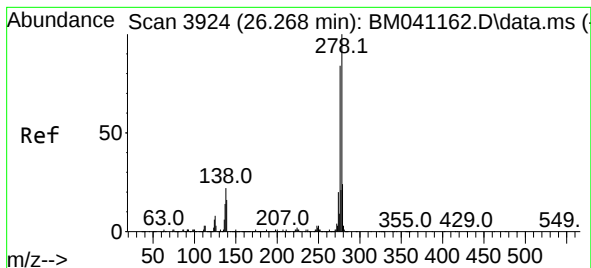
Tgt Ion:252 Resp:12131570
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 9.0 7.6 11.4



#90
Benzo(a)pyrene
Concen: 116.281 ng
RT: 23.627 min Scan# 3475
Delta R.T. -0.071 min
Lab File: BM041273.D
Acq: 03 Aug 2023 22:05

Tgt Ion:252 Resp: 6063330
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 11.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 28.002 ng

RT: 26.309 min Scan# 39

Delta R.T. 0.035 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

Instrument :

BNA_M

ClientSampleId :

BUILDING-A-10-(0-5)

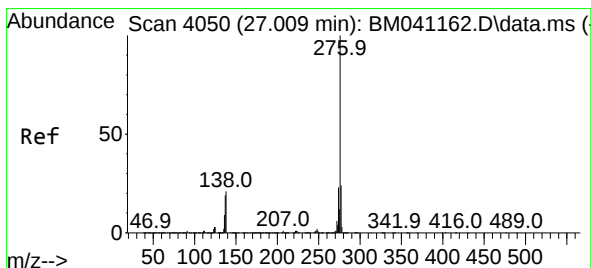
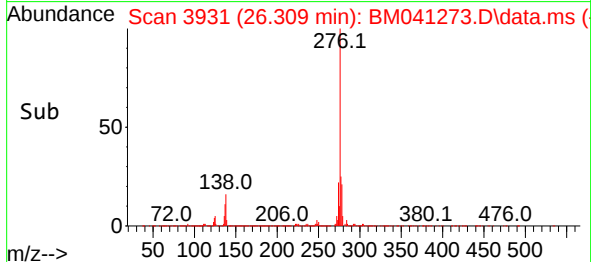
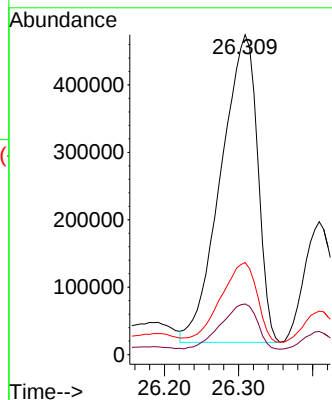
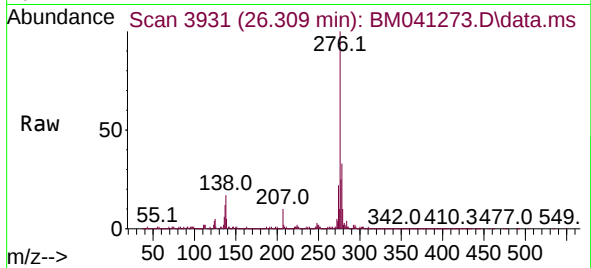
Tgt Ion:278 Resp: 1568645

Ion Ratio Lower Upper

278 100

139 15.8 12.7 19.1

279 28.8 19.1 28.7#



#92

Benzo(g,h,i)perylene

Concen: 92.007 ng

RT: 27.085 min Scan# 4063

Delta R.T. 0.070 min

Lab File: BM041273.D

Acq: 03 Aug 2023 22:05

Tgt Ion:276 Resp: 5043225

Ion Ratio Lower Upper

276 100

277 24.6 19.1 28.7

138 17.6 17.1 25.7

