

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134640.D
 Acq On : 04 Aug 2023 19:07
 Operator : CG\JU
 Sample : 03775-04DL 25X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUILDING-A-6-(5-10)DL

Quant Time: Aug 05 00:09:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	163797	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	572414	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	226426	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	367884	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	333131	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	264497	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	42350	3.930	ng	-0.01
7) Phenol-d6	6.422	99	55309	4.015	ng	-0.02
23) Nitrobenzene-d5	7.351	82	26286	2.870	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	6018	2.607	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	50786	3.729	ng	-0.01
79) Terphenyl-d14	12.910	244	57994	3.069	ng	-0.01
Target Compounds						
						Qvalue
18) Hexachloroethane	7.298	117	11488	2.904	ng	# 5
26) 2-Nitrophenol	7.769	139	115	4.817	ng	# 1
31) Naphthalene	8.116	128	5646858	196.286	ng	96
32) Benzoic acid	7.857	122	2450	8.219	ng	# 1
33) 4-Chloroaniline	8.116	127	802696	62.621	ng	# 34
35) Caprolactam	8.798	113	40578	15.546	ng	# 1
37) 2-Methylnaphthalene	8.798	142	1730258	90.738	ng	99
38) 1-Methylnaphthalene	8.892	142	1284547	72.442	ng	97
46) 1,1'-Biphenyl	9.251	154	514680	29.231	ng	97
47) 2-Chloronaphthalene	9.322	162	40449	3.066	ng	# 47
48) 2-Nitroaniline	9.416	65	7505	4.870	ng	# 22
49) Acenaphthylene	9.692	152	800907	38.619	ng	98
51) 2,6-Dinitrotoluene	9.528	165	8761	5.122	ng	# 59
52) Acenaphthene	9.863	154	372262	27.699	ng	99
54) 2,4-Dinitrophenol	9.992	184	56	6.840	ng	# 1
55) Dibenzofuran	10.033	168	350852	18.339	ng	# 95
56) 4-Nitrophenol	10.033	139	131295	46.670	ng	# 1
57) 2,4-Dinitrotoluene	10.075	165	5332	4.164	ng	# 51
58) Fluorene	10.380	166	852411	61.169	ng	95
62) 4-Nitroaniline	10.380	138	9766	2.897	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.451	198	53	8.728	ng	# 1
71) Phenanthrene	11.357	178	3296964	168.725	ng	99
72) Anthracene	11.398	178	1239428	62.097	ng	98
73) Carbazole	11.551	167	368230	20.662	ng	99
75) Fluoranthene	12.551	202	2924179	141.669	ng	97
78) Pyrene	12.780	202	3151205	109.317	ng	95
81) Benzo(a)anthracene	13.968	228	1815811	76.229	ng	96
83) Chrysene	14.004	228	1525393	65.729	ng	97
87) Indeno(1,2,3-cd)pyrene	16.927	276	450632	28.969	ng	# 96
88) Benzo(b)fluoranthene	15.015	252	1732141	107.377	ng	# 95
89) Benzo(k)fluoranthene	15.015	252	1732141	107.790	ng	# 96
90) Benzo(a)pyrene	15.380	252	997749	66.337	ng	# 94
91) Dibenzo(a,h)anthracene	16.939	278	125369	9.973	ng	# 91
92) Benzo(g,h,i)perylene	17.374	276	426314	33.244	ng	# 93

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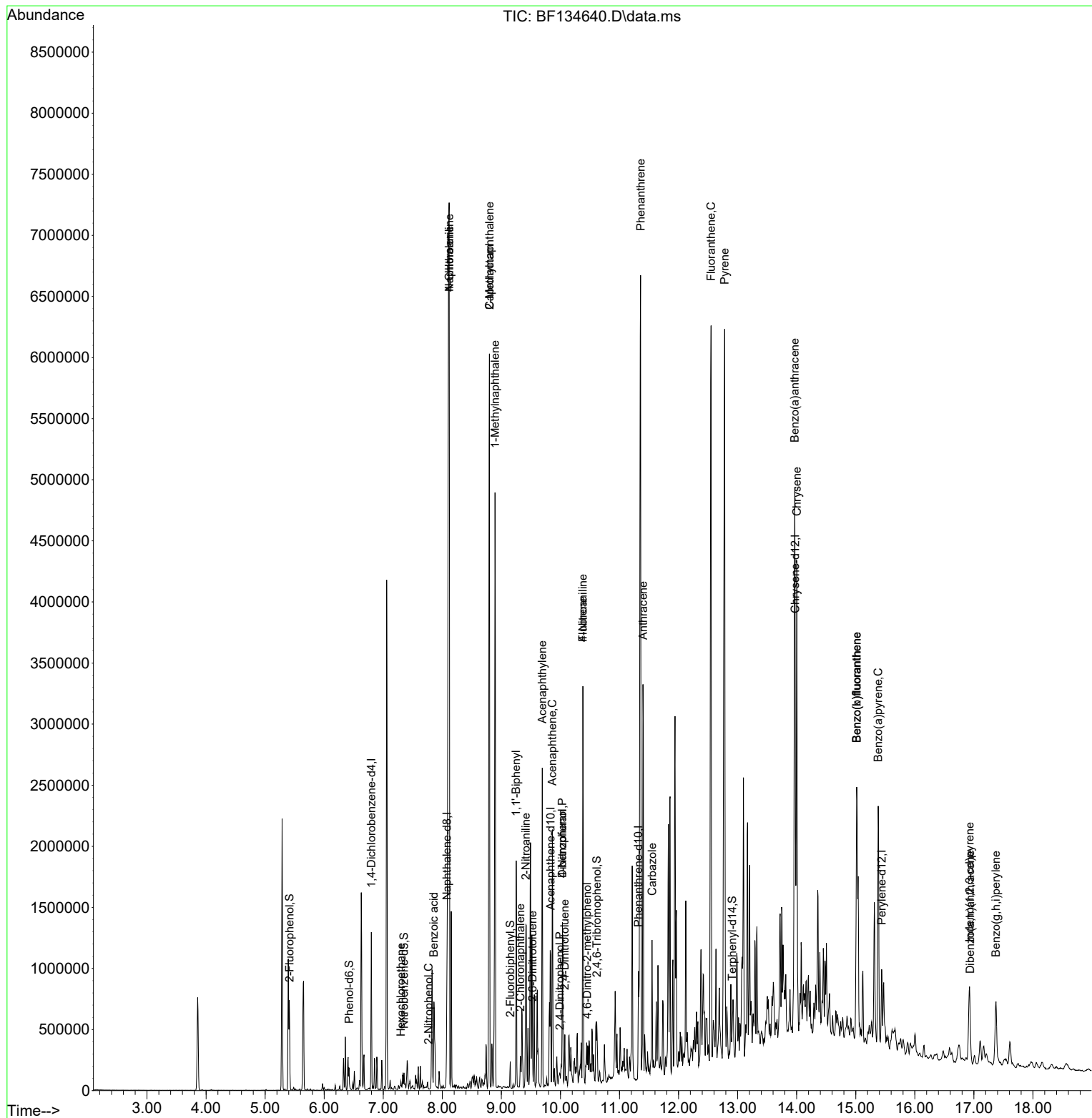
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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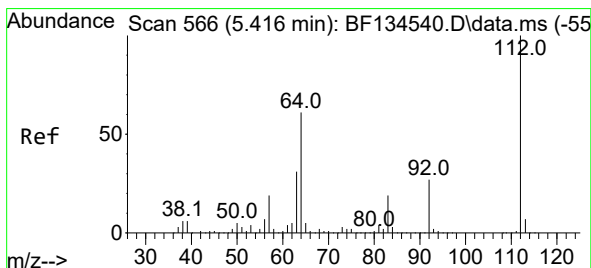
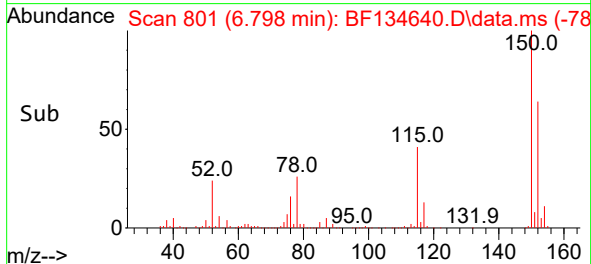
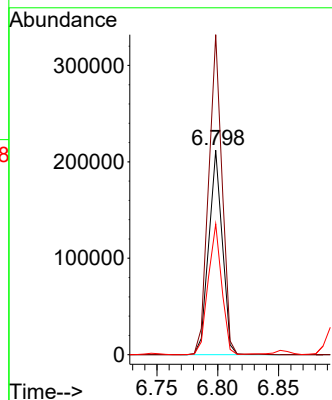
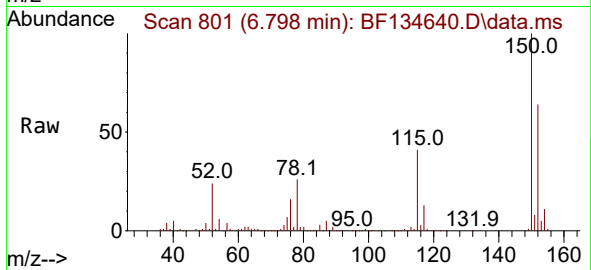




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

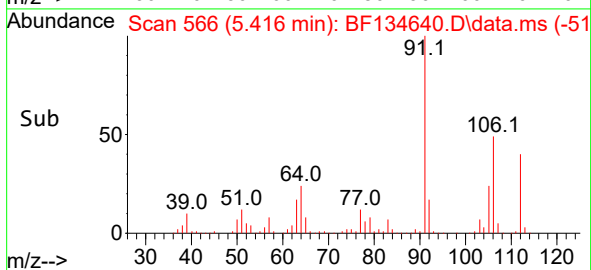
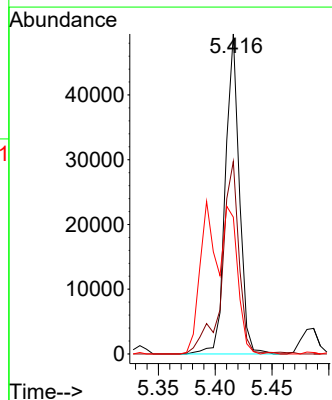
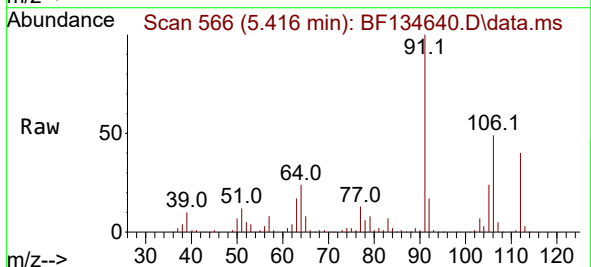
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)DL

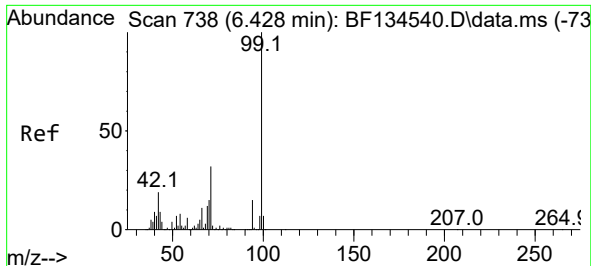
Tgt Ion:152 Resp: 163797
Ion Ratio Lower Upper
152 100
150 156.5 128.3 192.5
115 63.9 52.4 78.6



#5
2-Fluorophenol
Concen: 3.930 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

Tgt Ion:112 Resp: 42350
Ion Ratio Lower Upper
112 100
64 60.2 44.9 67.3
63 42.7 25.4 38.0#

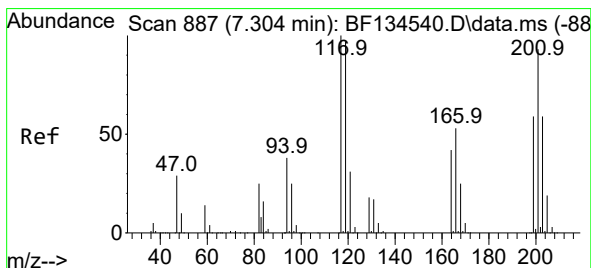
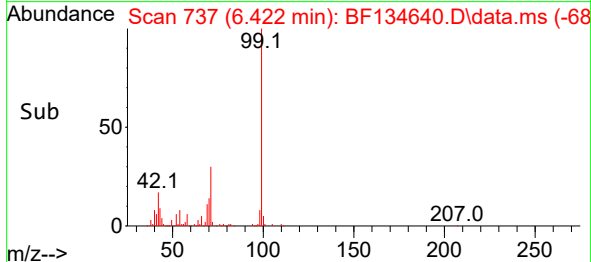
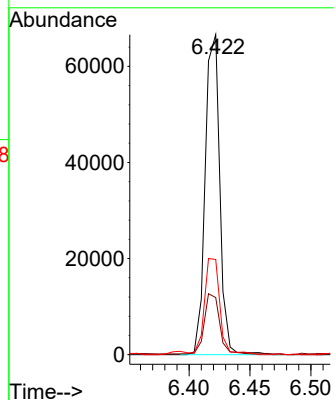
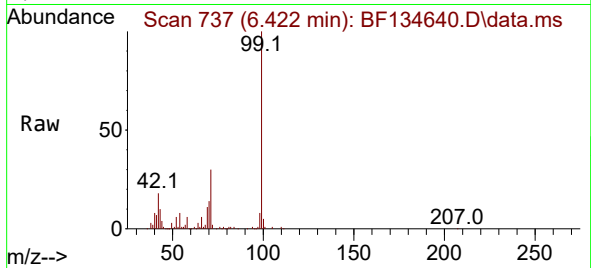




#7
Phenol-d6
Concen: 4.015 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

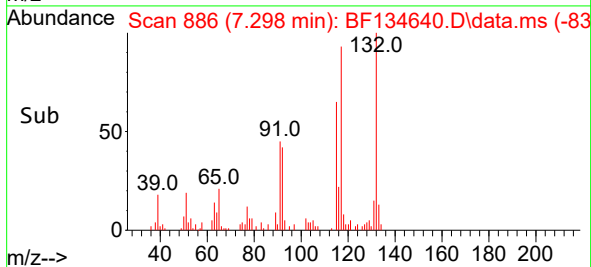
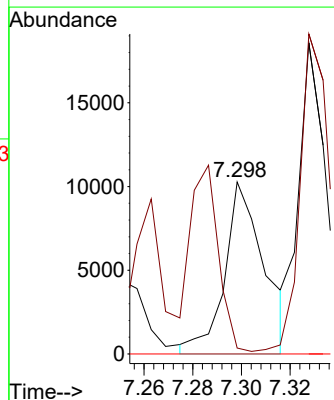
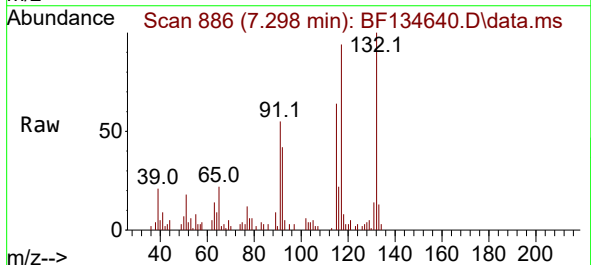
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)DL

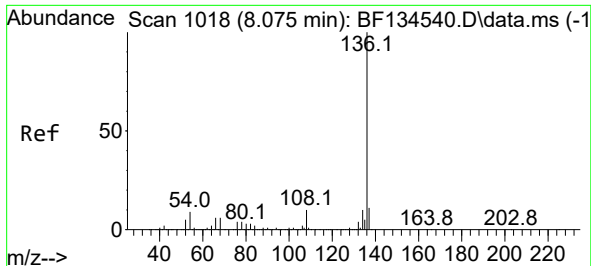
Tgt Ion: 99 Resp: 55309
Ion Ratio Lower Upper
99 100
42 17.8 18.7 28.1#
71 29.7 36.4 54.6#



#18
Hexachloroethane
Concen: 2.904 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

Tgt Ion: 117 Resp: 11488
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.8#
201 0.0 73.6 110.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134640.D

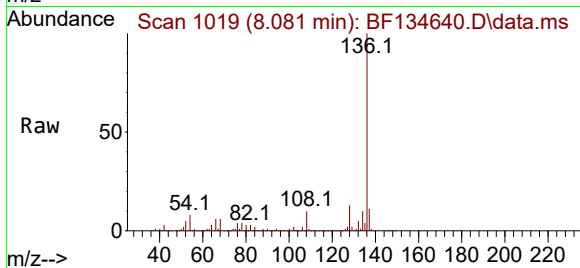
Acq: 04 Aug 2023 19:07

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)DL



Tgt Ion:136 Resp: 572414

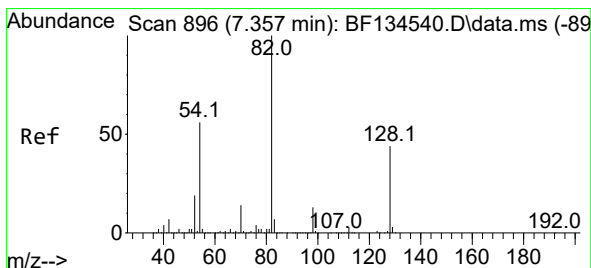
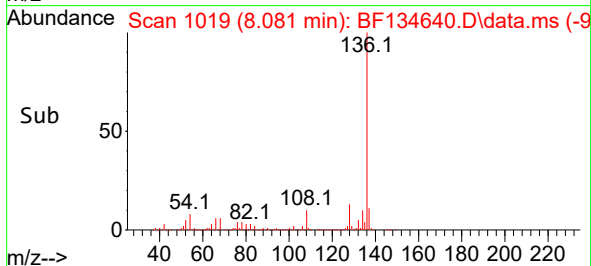
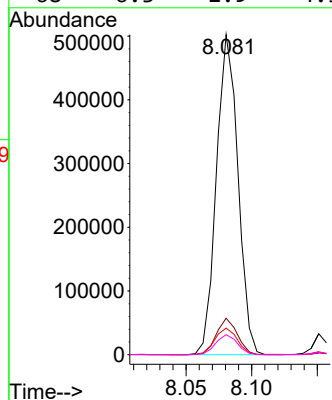
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.3 5.2 7.8#

68 6.3 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 2.870 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

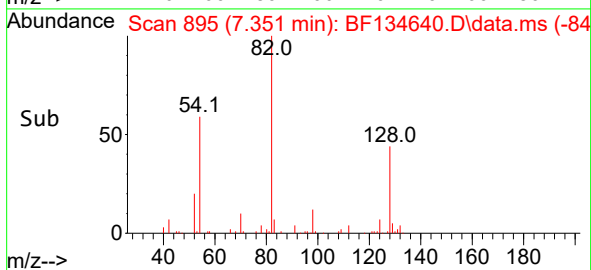
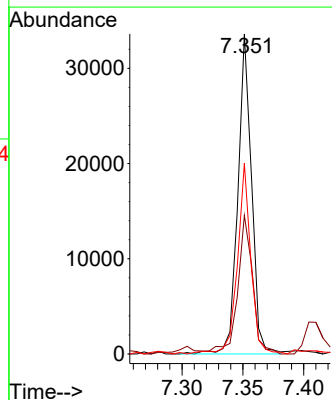
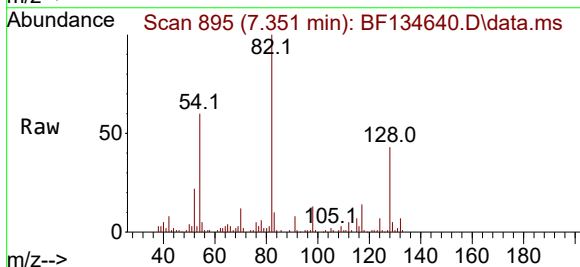
Tgt Ion: 82 Resp: 26286

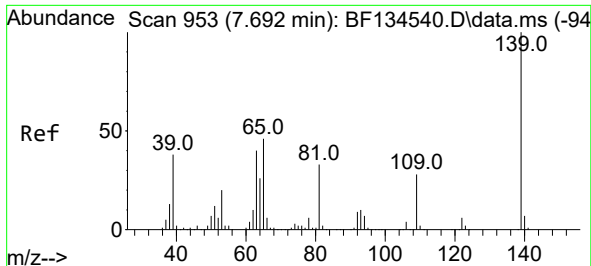
Ion Ratio Lower Upper

82 100

128 43.3 34.3 51.5

54 59.6 43.8 65.6

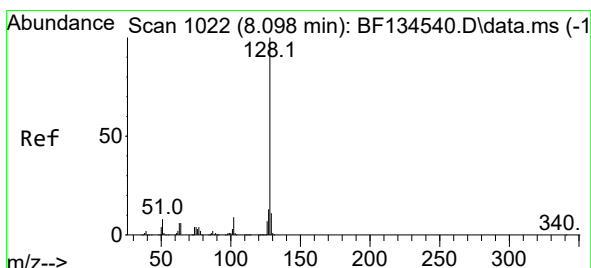
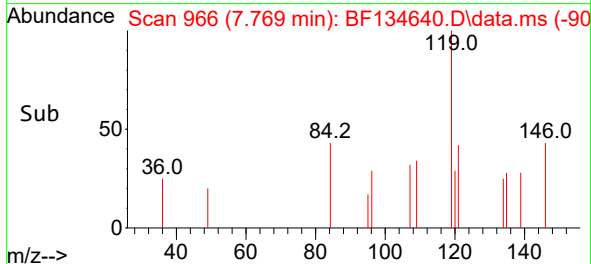
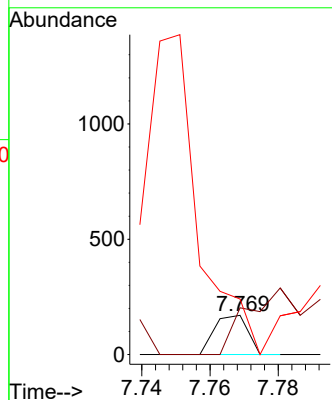
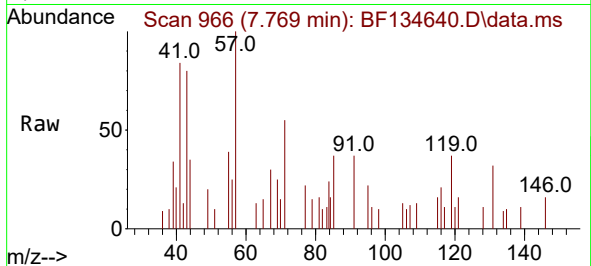




#26
2-Nitrophenol
Concen: 4.817 ng
RT: 7.769 min Scan# 90
Delta R.T. 0.071 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

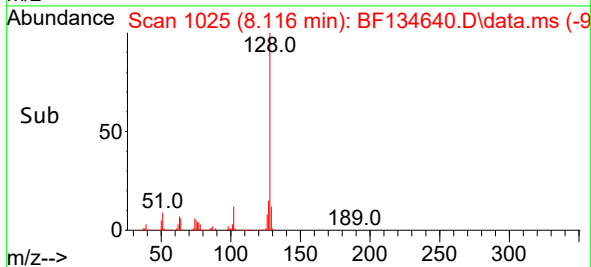
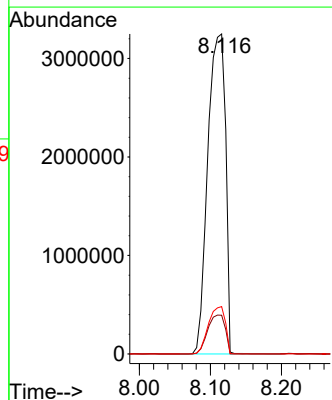
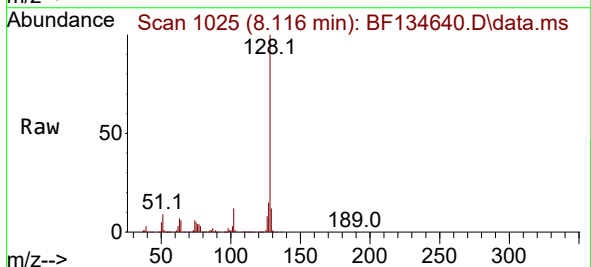
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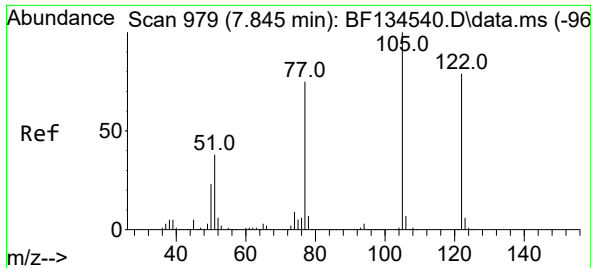
Tgt Ion:139 Resp: 115
Ion Ratio Lower Upper
139 100
109 119.4 29.8 44.6#
65 141.8 45.4 68.2#



#31
Naphthalene
Concen: 196.286 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.012 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

Tgt Ion:128 Resp: 5646858
Ion Ratio Lower Upper
128 100
129 12.1 8.4 12.6
127 14.8 10.7 16.1

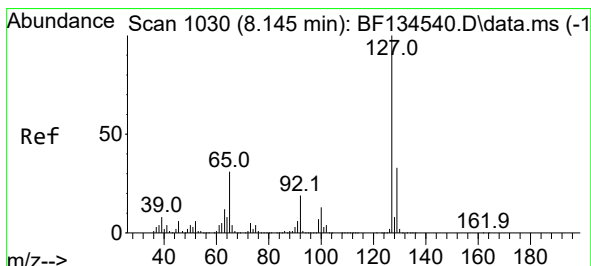
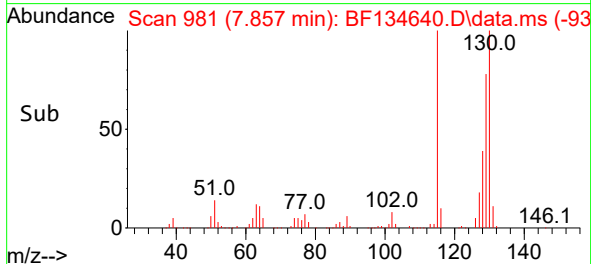
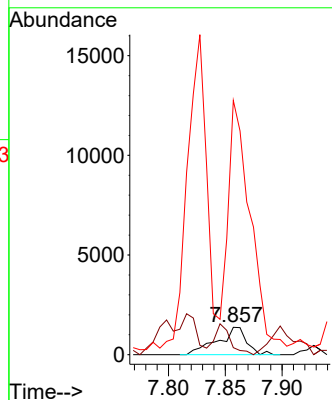
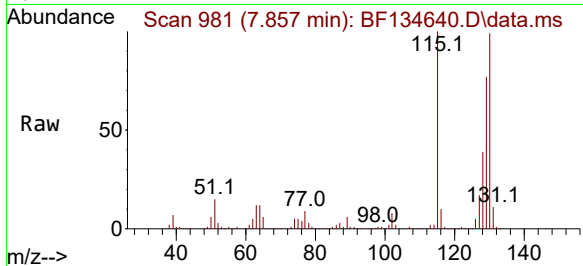




#32
Benzoic acid
Concen: 8.219 ng
RT: 7.857 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

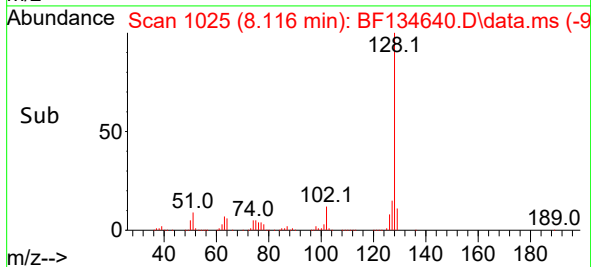
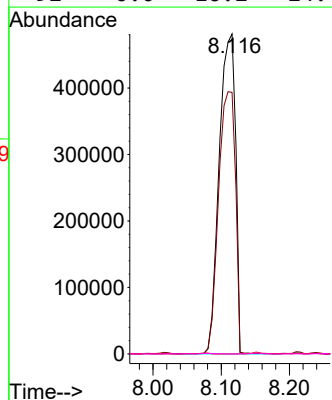
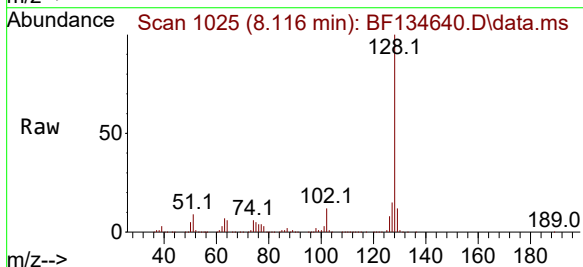
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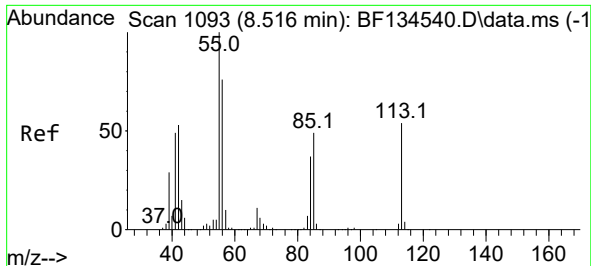
Tgt Ion:122 Resp: 2450
Ion Ratio Lower Upper
122 100
105 25.7 87.5 127.5#
77 927.0 71.4 111.4#



#33
4-Chloroaniline
Concen: 62.621 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.035 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

Tgt Ion:127 Resp: 802696
Ion Ratio Lower Upper
127 100
129 81.8 25.6 38.4#
65 0.0 25.4 38.0#
92 0.0 16.2 24.4#

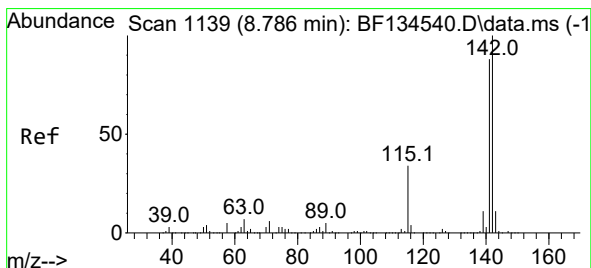
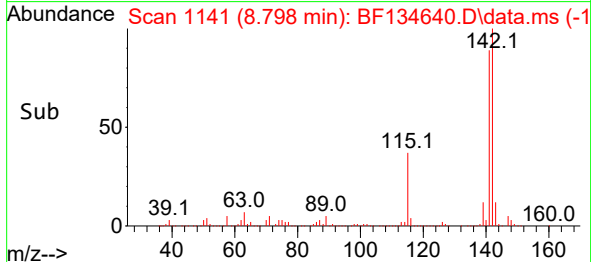
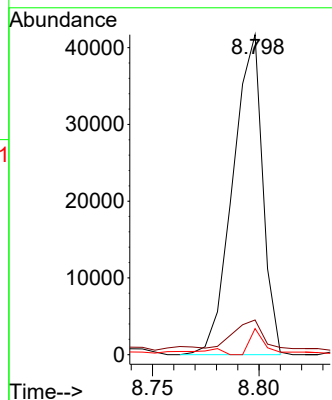
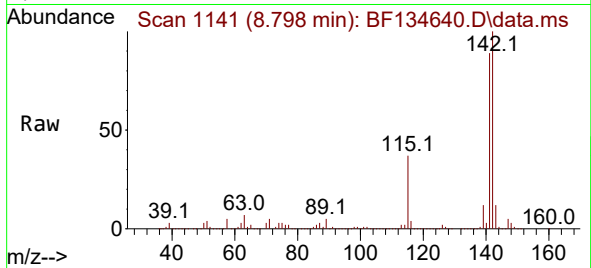




#35
 Caprolactam
 Concen: 15.546 ng
 RT: 8.798 min Scan# 1141
 Delta R.T. 0.265 min
 Lab File: BF134640.D
 Acq: 04 Aug 2023 19:07

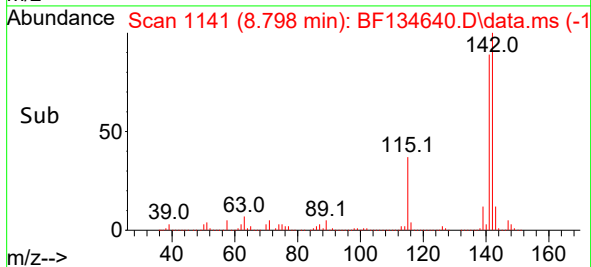
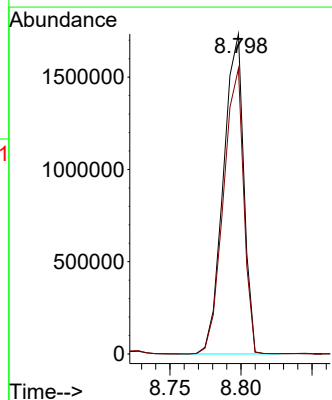
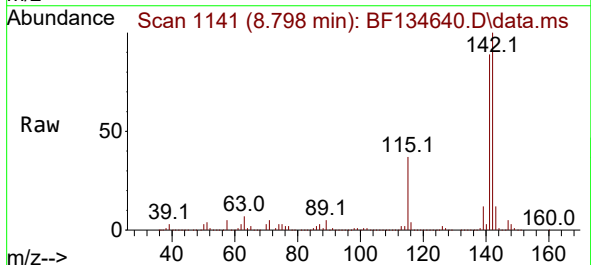
Instrument :
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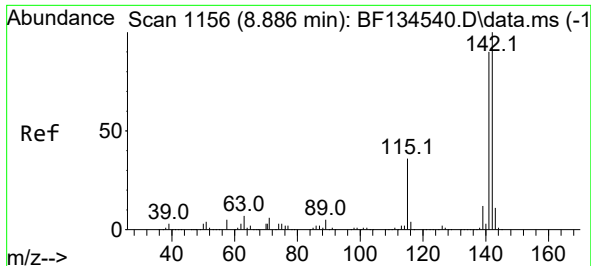
Tgt Ion:113 Resp: 40578
 Ion Ratio Lower Upper
 113 100
 55 10.8 161.5 201.5#
 56 8.2 117.8 157.8#



#37
 2-Methylnaphthalene
 Concen: 90.738 ng
 RT: 8.798 min Scan# 1141
 Delta R.T. 0.006 min
 Lab File: BF134640.D
 Acq: 04 Aug 2023 19:07

Tgt Ion:142 Resp: 1730258
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.8 106.2





#38

1-Methylnaphthalene

Concen: 72.442 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

Instrument :

BNA_F

ClientSampleId :

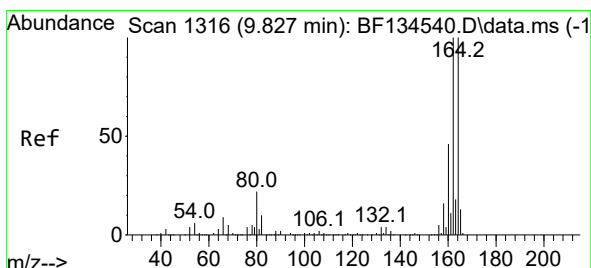
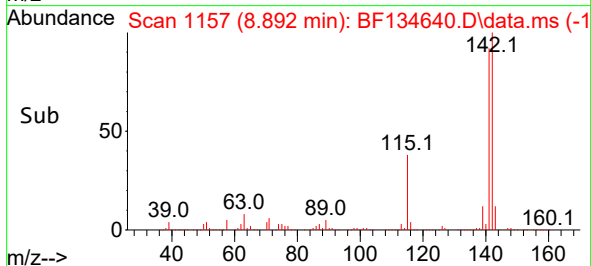
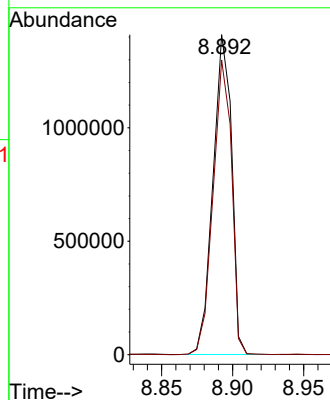
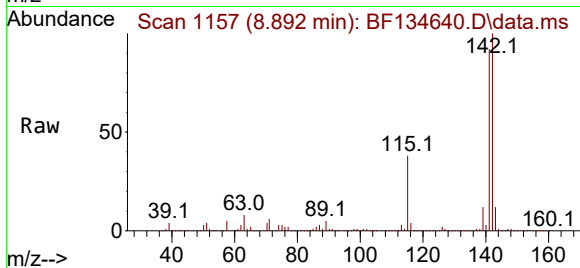
BUILDING-A-6-(5-10)DL

Tgt Ion:142 Resp: 1284547

Ion Ratio Lower Upper

142 100

141 92.1 71.4 107.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

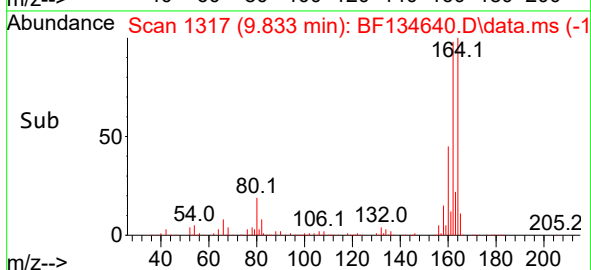
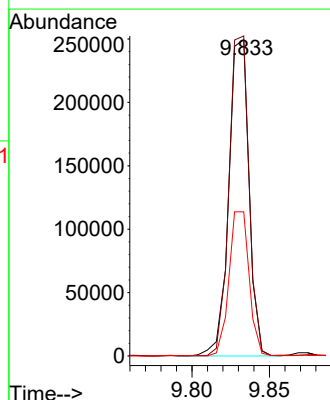
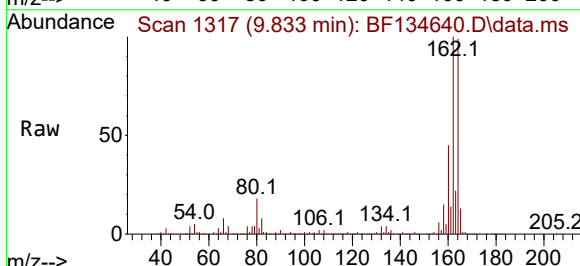
Tgt Ion:164 Resp: 226426

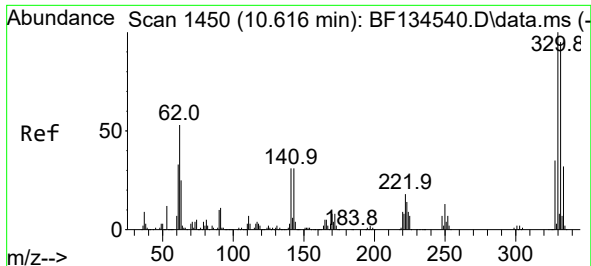
Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

160 45.6 37.2 55.8

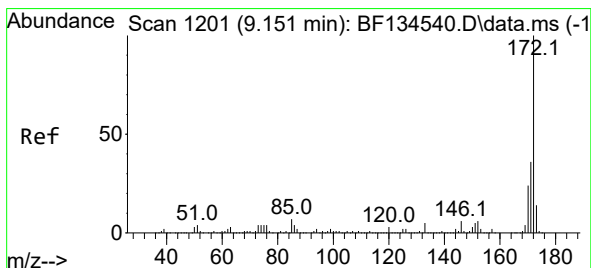
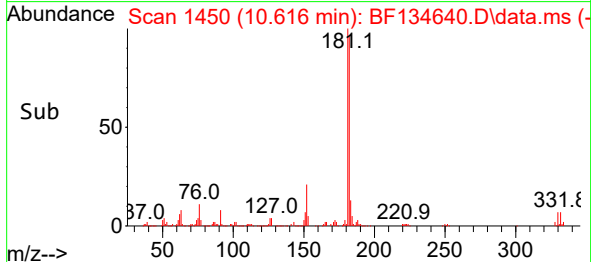
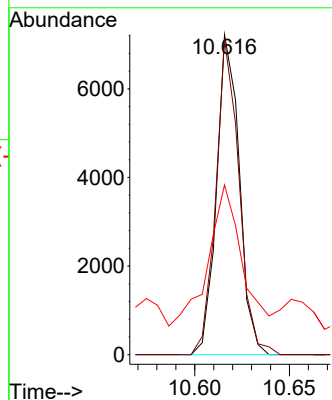
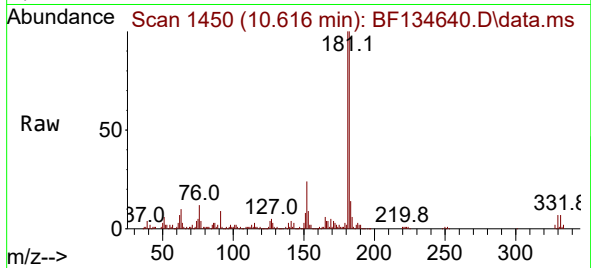




#42
2,4,6-Tribromophenol
Concen: 2.607 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

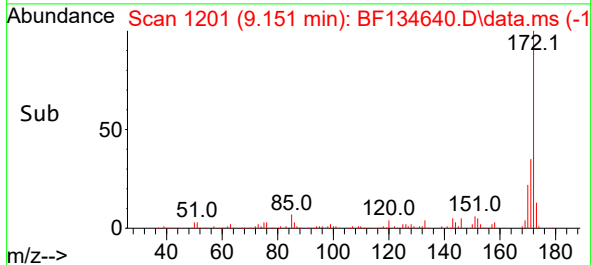
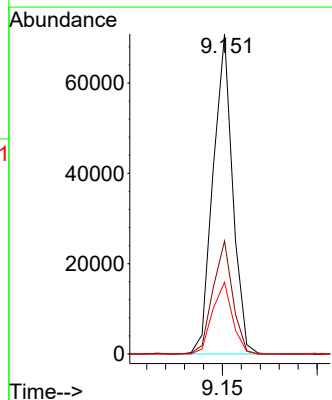
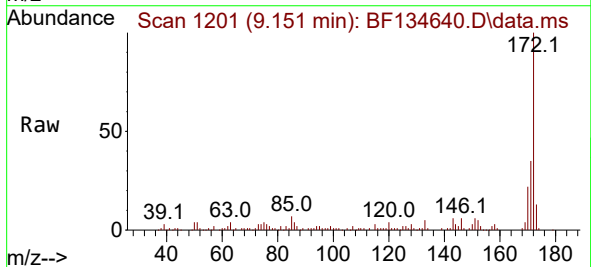
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)DL

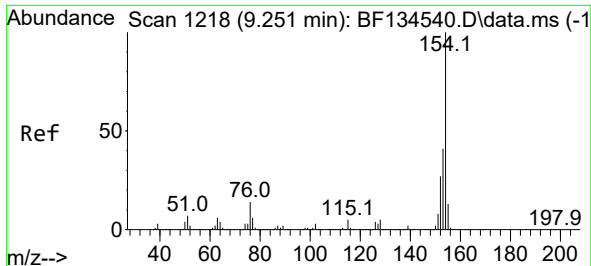
Tgt Ion: 330 Resp: 6018
Ion Ratio Lower Upper
330 100
332 100.6 78.8 118.2
141 63.9 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 3.729 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

Tgt Ion: 172 Resp: 50786
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 22.4 18.7 28.1

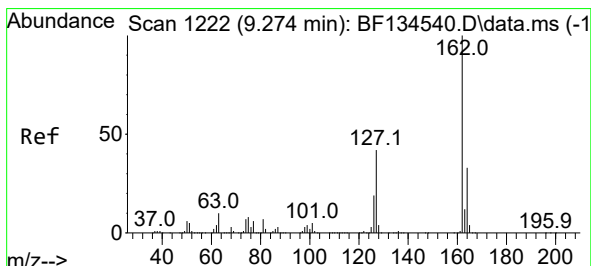
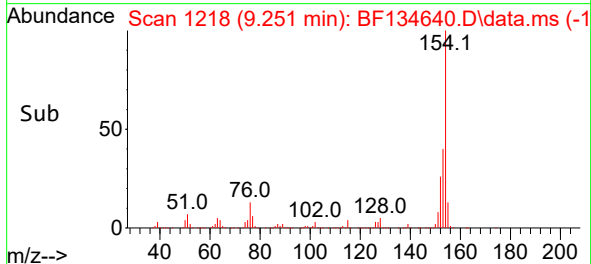
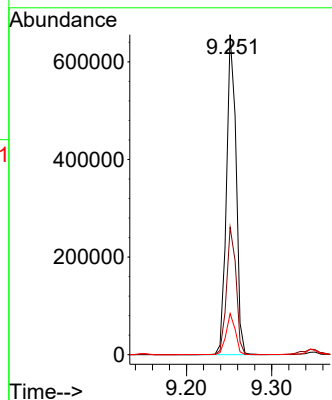
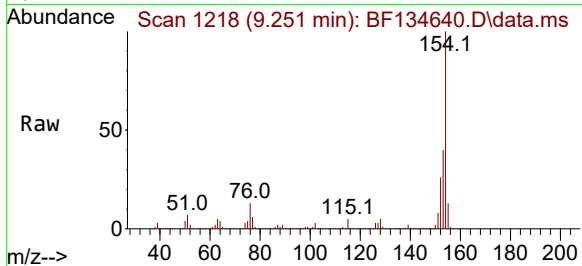




#46
1,1'-Biphenyl
Concen: 29.231 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

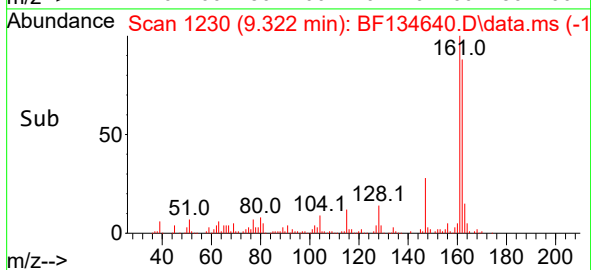
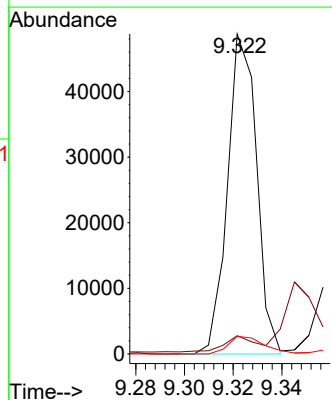
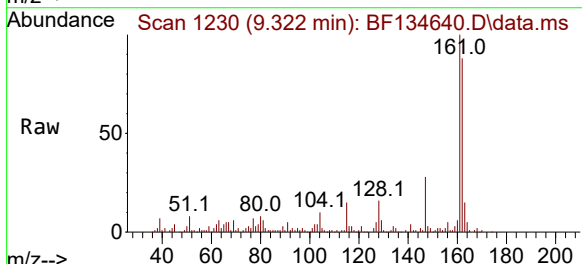
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)DL

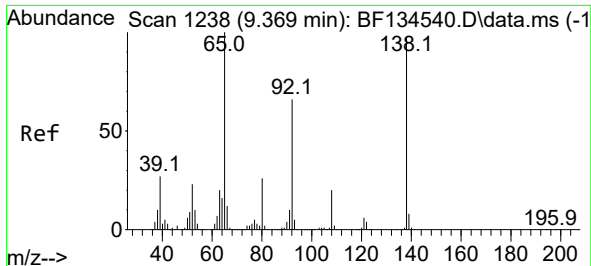
Tgt Ion:154 Resp: 514680
Ion Ratio Lower Upper
154 100
153 39.8 20.8 60.8
76 12.9 0.0 30.2



#47
2-Chloronaphthalene
Concen: 3.066 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.035 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

Tgt Ion:162 Resp: 40449
Ion Ratio Lower Upper
162 100
127 5.7 34.0 51.0#
164 5.5 25.7 38.5#





#48

2-Nitroaniline

Concen: 4.870 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.035 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)DL

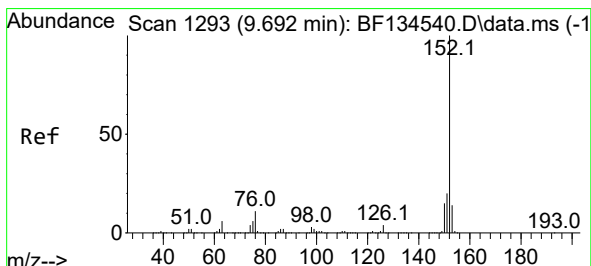
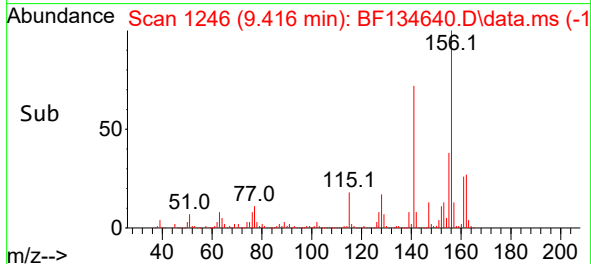
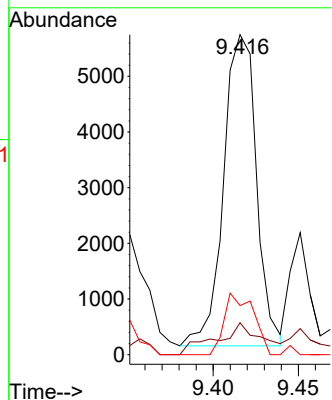
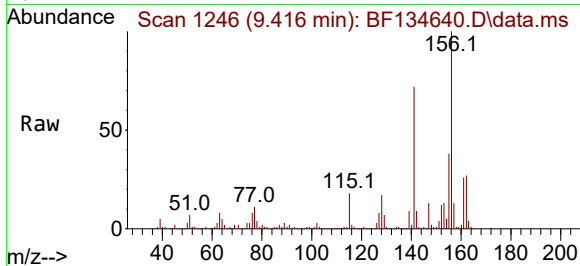
Tgt Ion: 65 Resp: 7505

Ion Ratio Lower Upper

65 100

92 10.0 50.7 76.1#

138 15.4 78.2 117.4#



#49

Acenaphthylene

Concen: 38.619 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

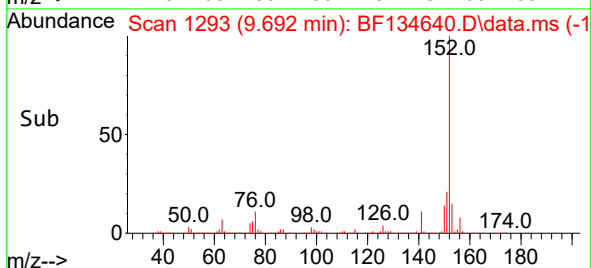
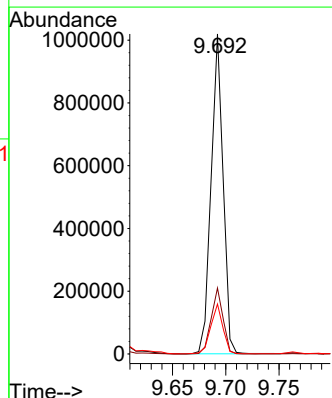
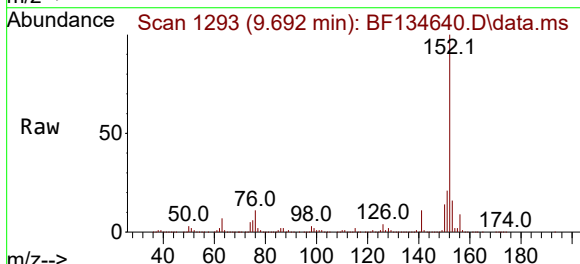
Tgt Ion: 152 Resp: 800907

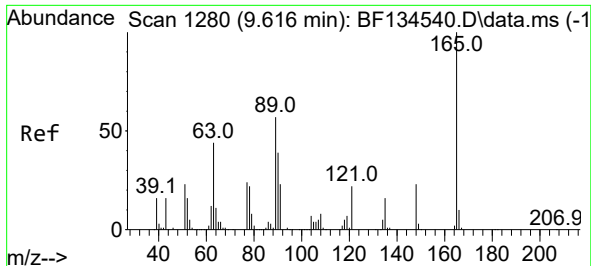
Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 15.6 10.9 16.3





#51

2,6-Dinitrotoluene

Concen: 5.122 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.100 min

Lab File: BF134640.D

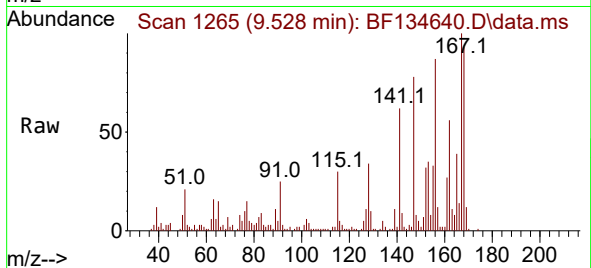
Acq: 04 Aug 2023 19:07

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)DL



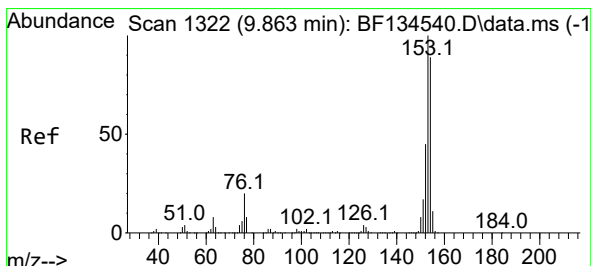
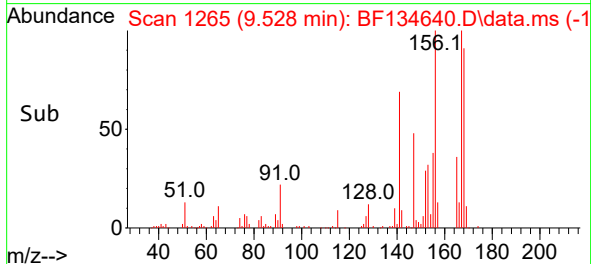
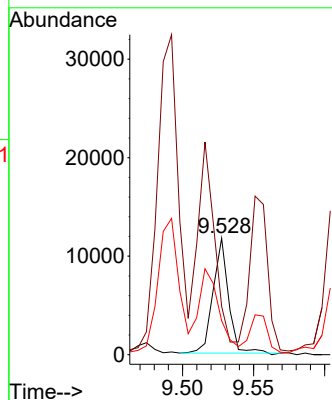
Tgt Ion:165 Resp: 8761

Ion Ratio Lower Upper

165 100

63 41.5 57.8 86.6#

89 29.2 51.8 77.8#



#52

Acenaphthene

Concen: 27.699 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

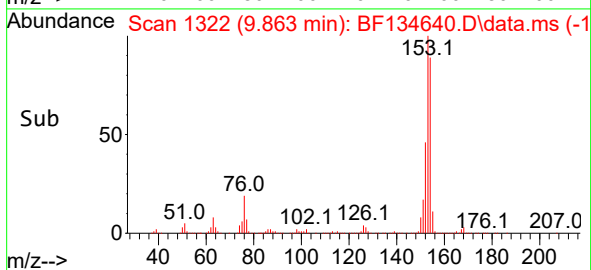
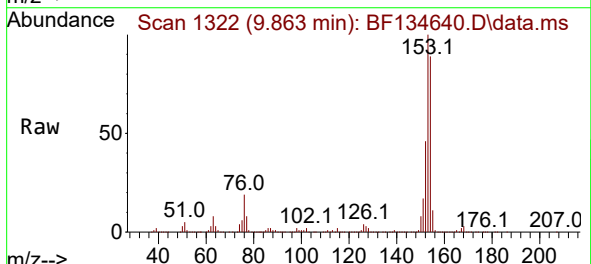
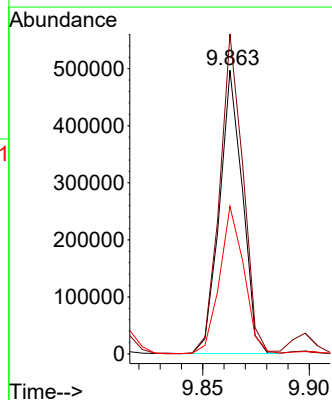
Tgt Ion:154 Resp: 372262

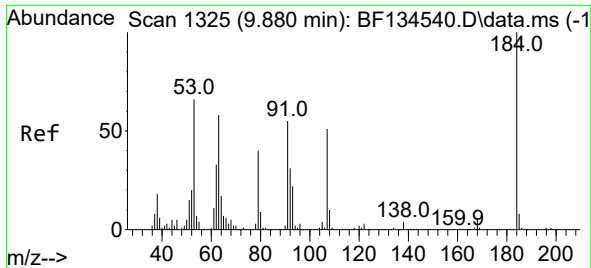
Ion Ratio Lower Upper

154 100

153 112.8 90.0 135.0

152 52.1 42.4 63.6

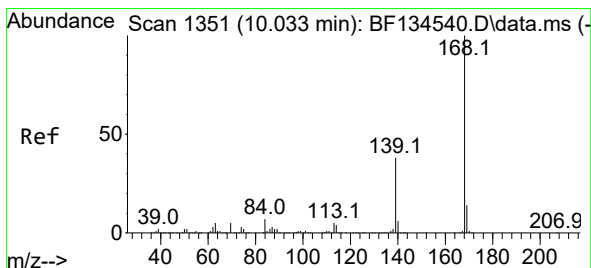
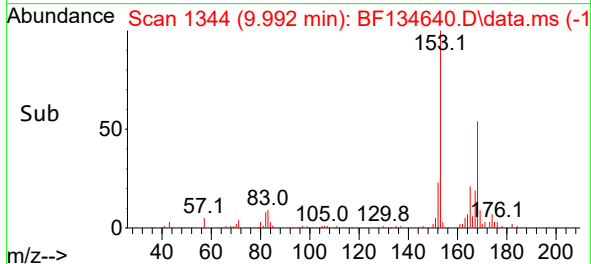
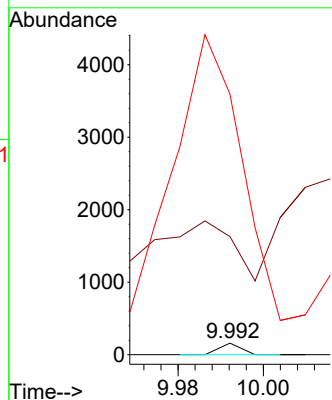
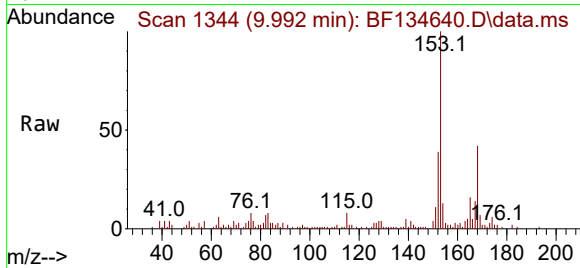




#54
2,4-Dinitrophenol
Concen: 6.840 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.094 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

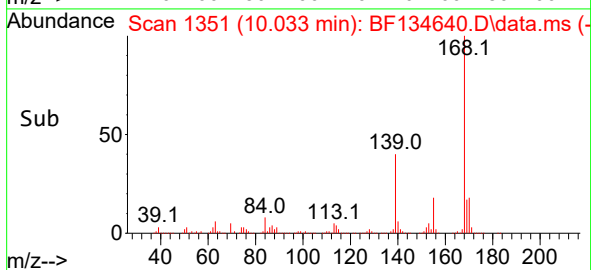
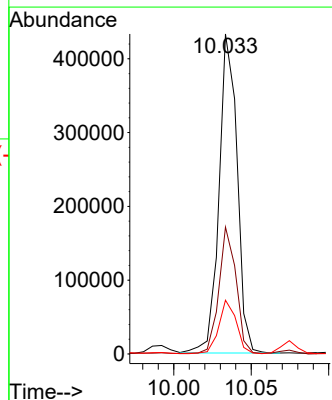
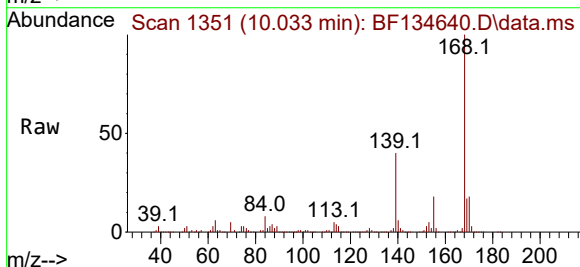
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)DL

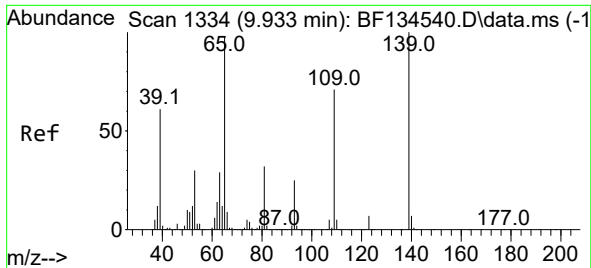
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 1025.2 57.1 85.7#
154 2259.7 59.1 88.7#



#55
Dibenzofuran
Concen: 18.339 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

Tgt Ion:168 Resp: 350852
Ion Ratio Lower Upper
168 100
139 39.7 33.4 50.2
169 16.8 10.6 15.8#

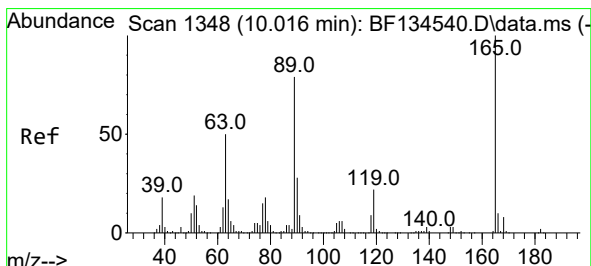
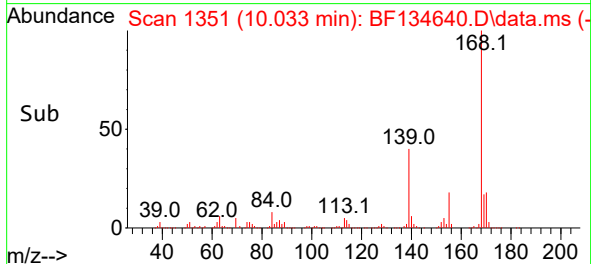
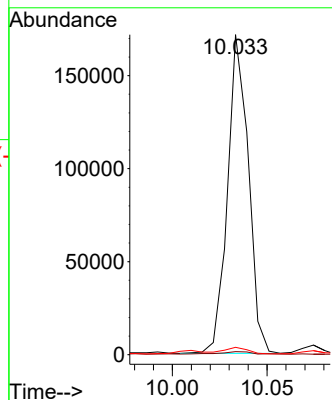
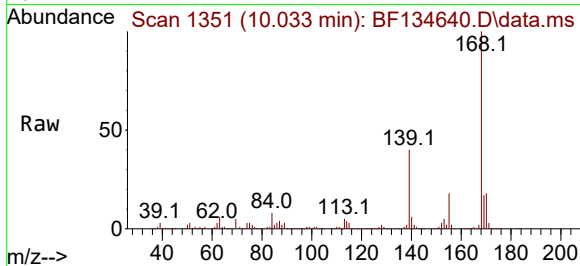




#56
4-Nitrophenol
Concen: 46.670 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.082 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

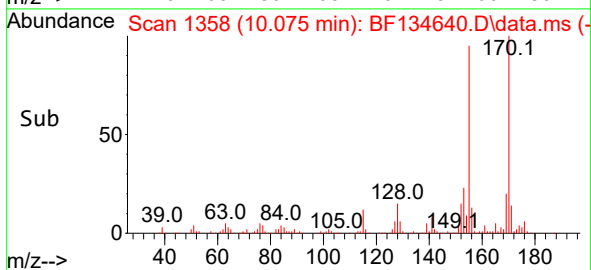
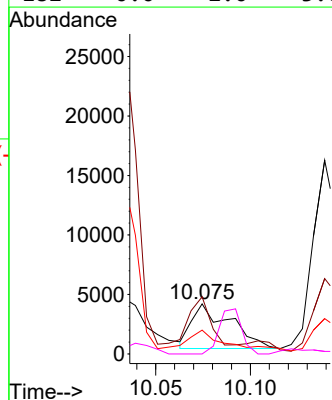
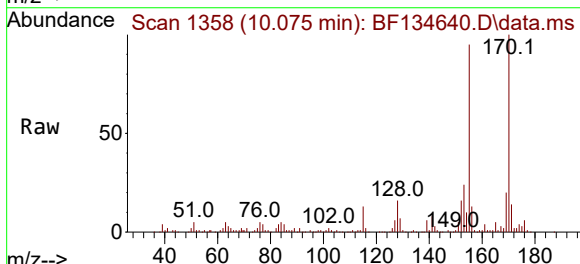
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)DL

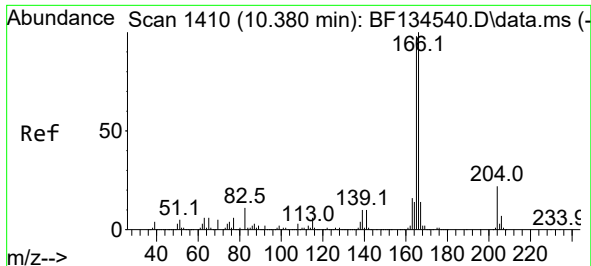
Tgt Ion:139 Resp: 131295
Ion Ratio Lower Upper
139 100
109 1.0 76.9 116.9#
65 2.3 98.5 138.5#



#57
2,4-Dinitrotoluene
Concen: 4.164 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.047 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

Tgt Ion:165 Resp: 5332
Ion Ratio Lower Upper
165 100
63 114.0 48.9 73.3#
89 47.5 61.7 92.5#
182 0.0 2.0 3.0#

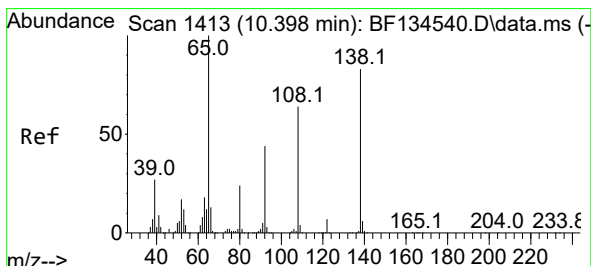
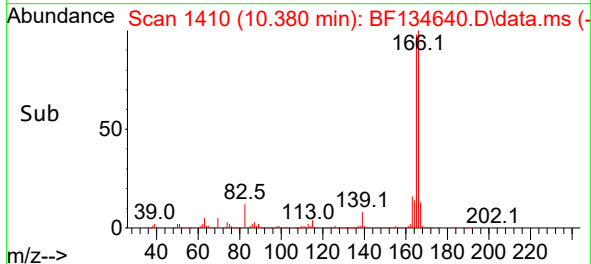
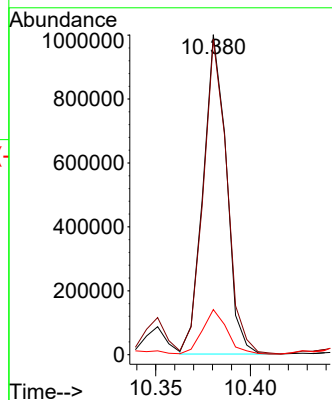
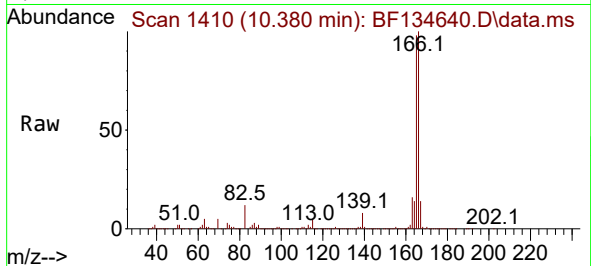




#58
 Fluorene
 Concen: 61.169 ng
 RT: 10.380 min Scan# 1410
 Delta R.T. -0.006 min
 Lab File: BF134640.D
 Acq: 04 Aug 2023 19:07

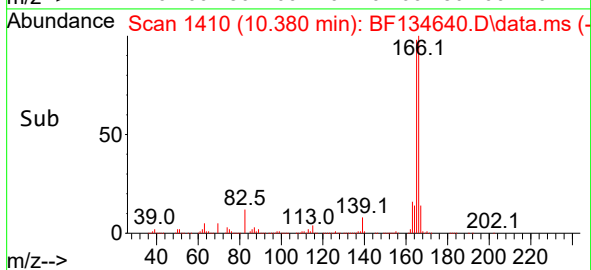
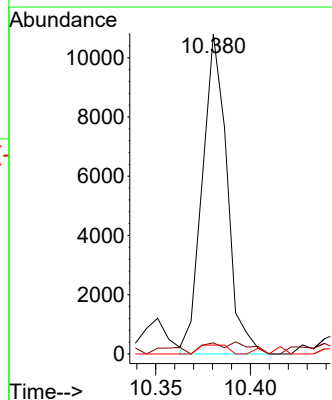
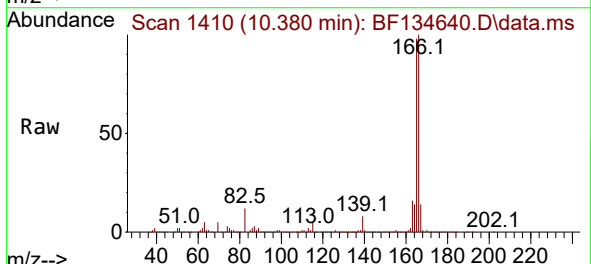
Instrument :
 BNA_F
 ClientSampleId :
 BUILDING-A-6-(5-10)DL

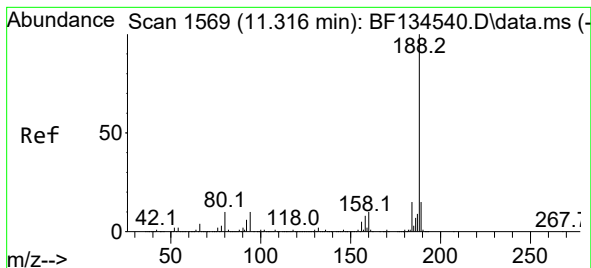
Tgt Ion:166 Resp: 852411
 Ion Ratio Lower Upper
 166 100
 165 98.5 74.5 111.7
 167 14.1 10.6 16.0



#62
 4-Nitroaniline
 Concen: 2.897 ng
 RT: 10.380 min Scan# 1410
 Delta R.T. -0.029 min
 Lab File: BF134640.D
 Acq: 04 Aug 2023 19:07

Tgt Ion:138 Resp: 9766
 Ion Ratio Lower Upper
 138 100
 92 3.5 27.0 67.0#
 108 2.8 70.4 110.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134640.D

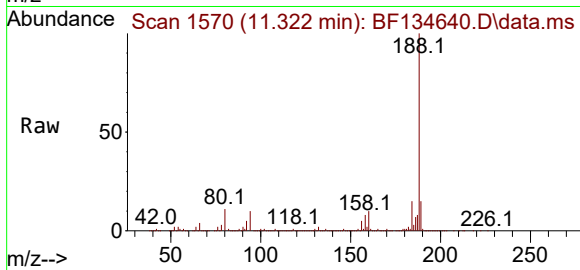
Acq: 04 Aug 2023 19:07

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)DL



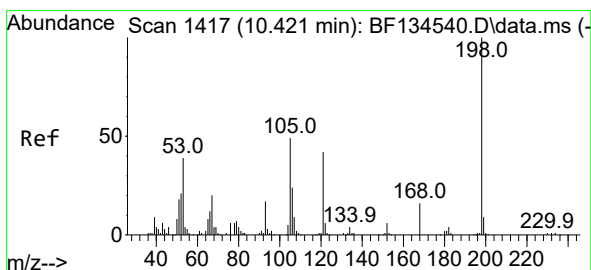
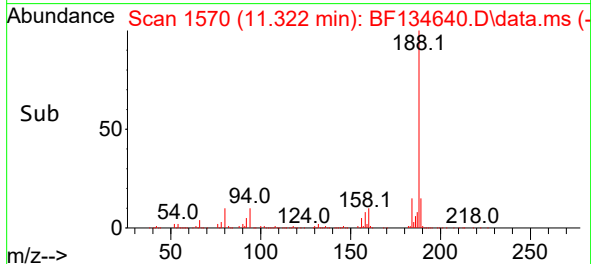
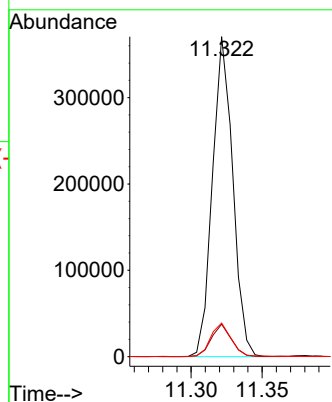
Tgt Ion:188 Resp: 367884

Ion Ratio Lower Upper

188 100

94 10.1 5.1 7.7#

80 10.5 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.728 ng

RT: 10.451 min Scan# 1422

Delta R.T. 0.012 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

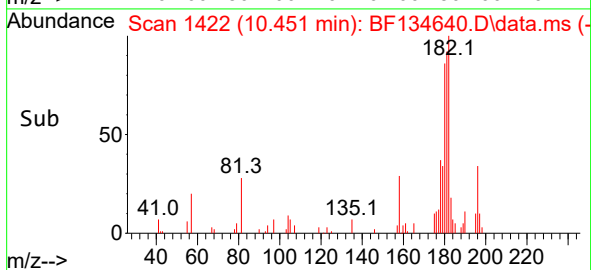
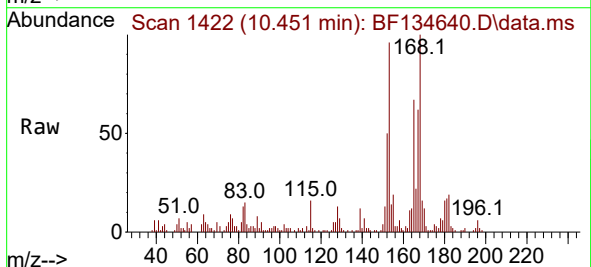
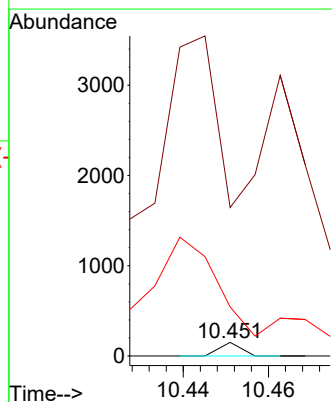
Tgt Ion:198 Resp: 53

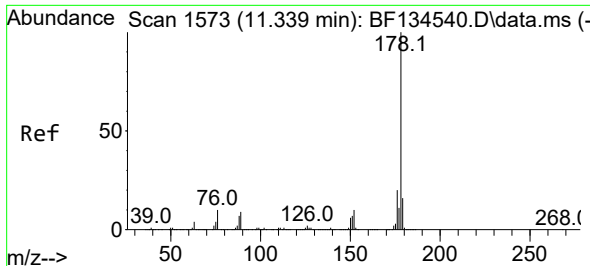
Ion Ratio Lower Upper

198 100

51 1090.1 38.6 78.6#

105 359.6 27.9 67.9#

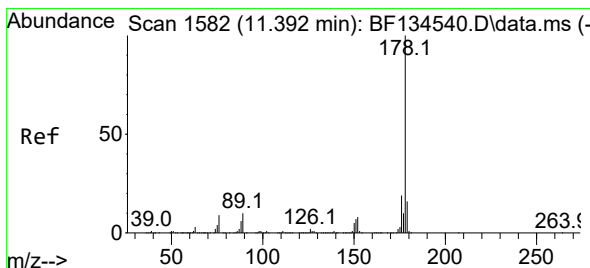
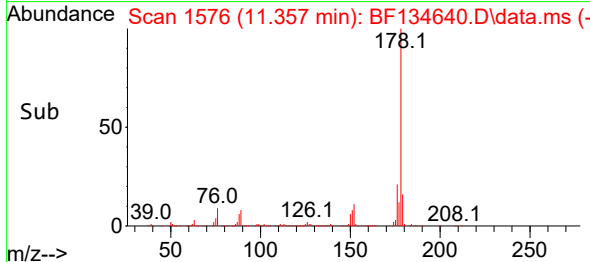
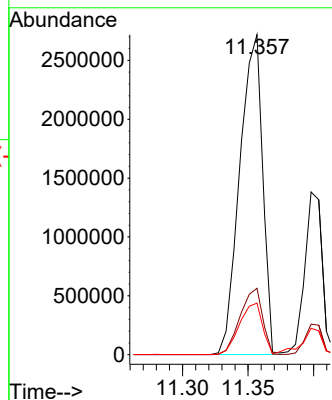
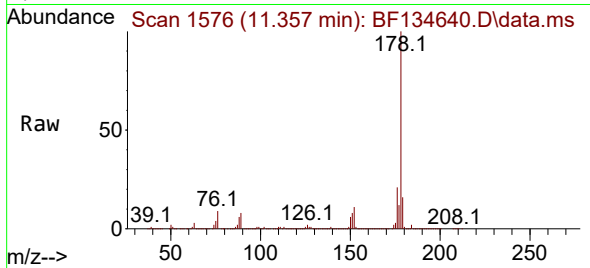




#71
Phenanthrene
Concen: 168.725 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

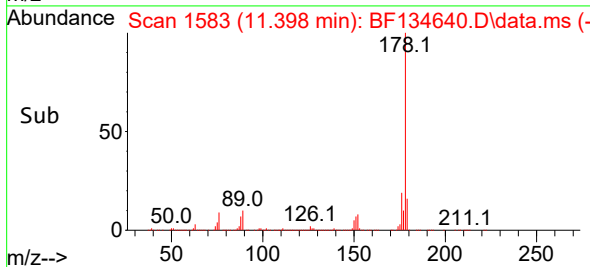
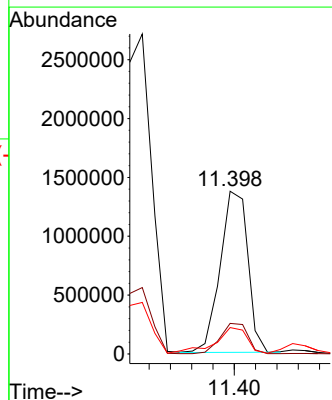
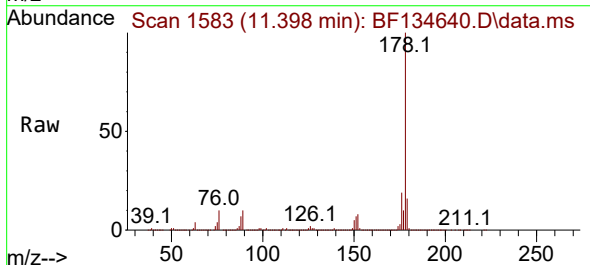
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)DL

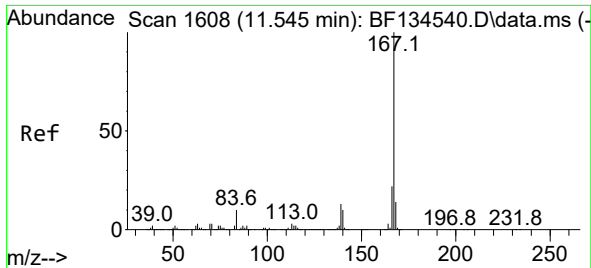
Tgt Ion:178 Resp: 3296964
Ion Ratio Lower Upper
178 100
176 20.8 15.8 23.6
179 16.1 12.7 19.1



#72
Anthracene
Concen: 62.097 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

Tgt Ion:178 Resp: 1239428
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 16.2 12.3 18.5

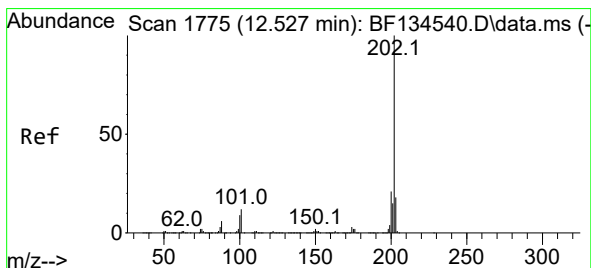
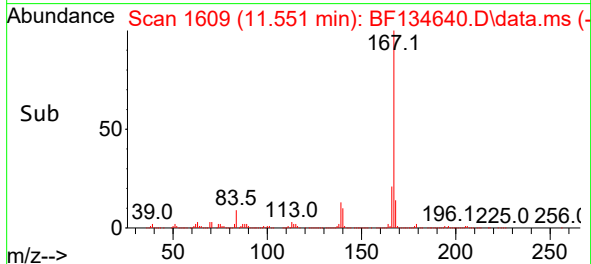
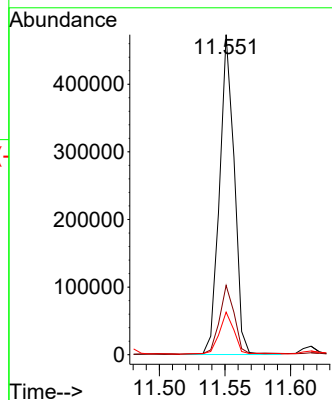
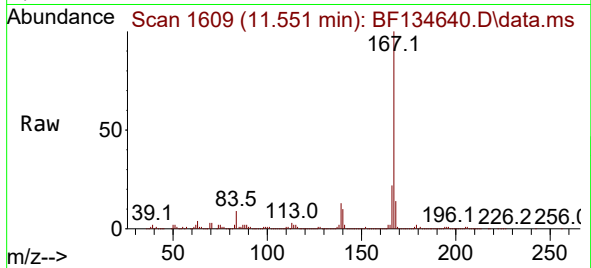




#73
 Carbazole
 Concen: 20.662 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF134640.D
 Acq: 04 Aug 2023 19:07

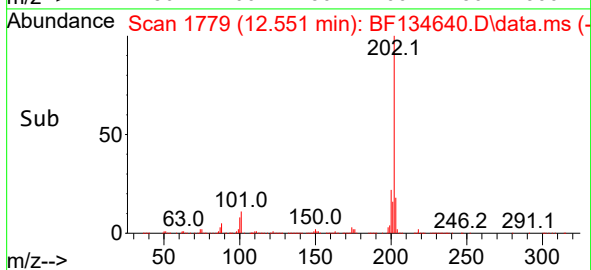
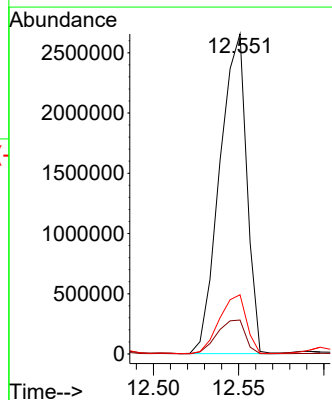
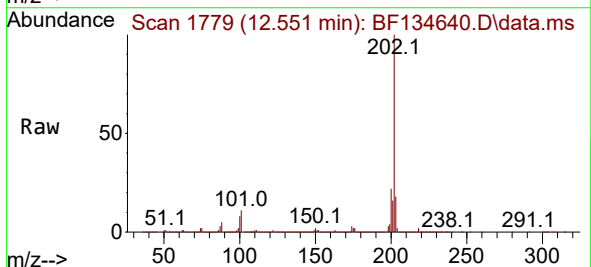
Instrument :
 BNA_F
 ClientSampleId :
 BUILDING-A-6-(5-10)DL

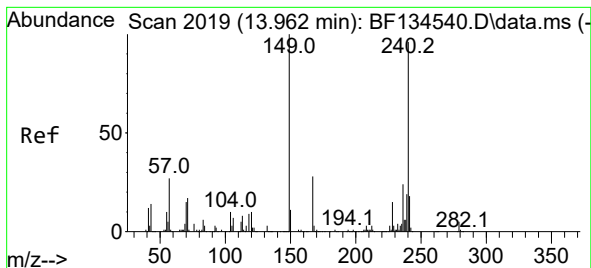
Tgt Ion:167 Resp: 368230
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.3 11.0 16.4



#75
 Fluoranthene
 Concen: 141.669 ng
 RT: 12.551 min Scan# 1779
 Delta R.T. 0.012 min
 Lab File: BF134640.D
 Acq: 04 Aug 2023 19:07

Tgt Ion:202 Resp: 2924179
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 28.5
 203 18.5 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)DL

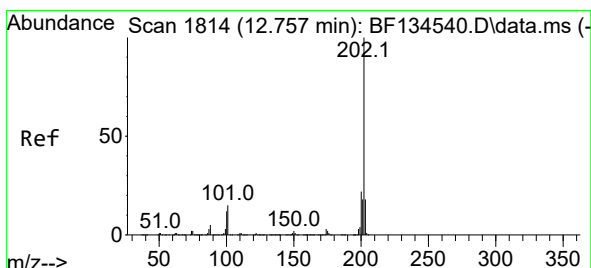
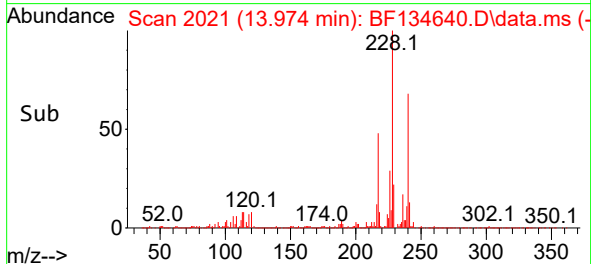
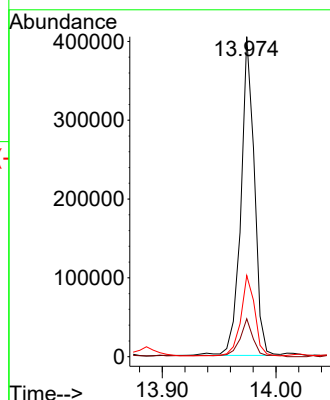
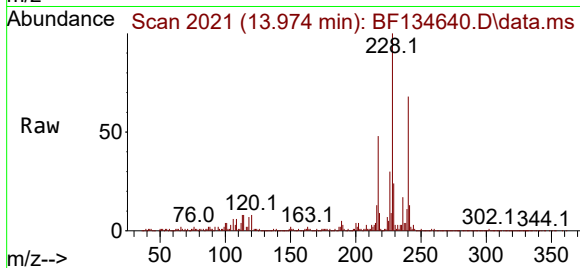
Tgt Ion:240 Resp: 333131

Ion Ratio Lower Upper

240 100

120 11.9 6.6 10.0#

236 25.3 20.2 30.2



#78

Pyrene

Concen: 109.317 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.012 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

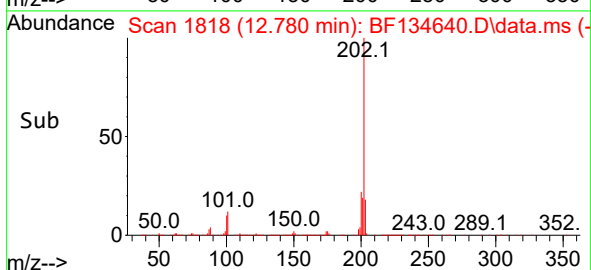
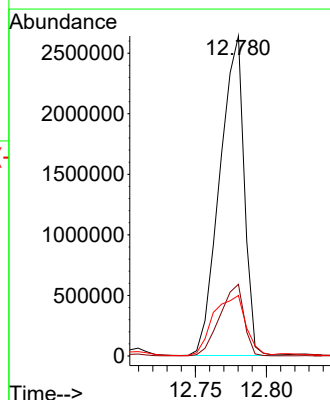
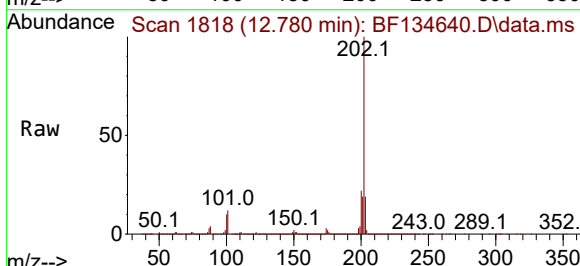
Tgt Ion:202 Resp: 3151205

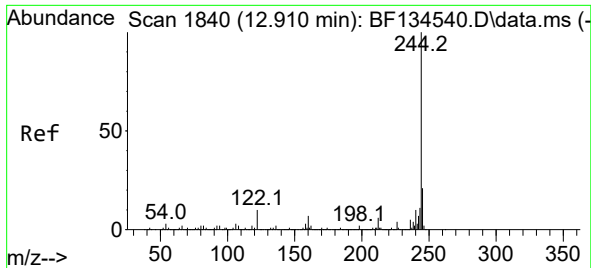
Ion Ratio Lower Upper

202 100

200 22.4 15.8 23.8

203 18.9 13.5 20.3

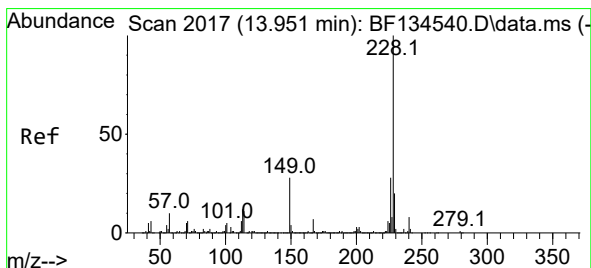
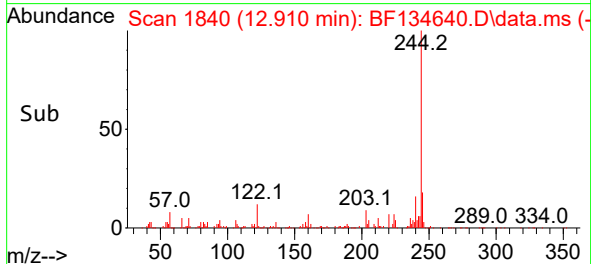
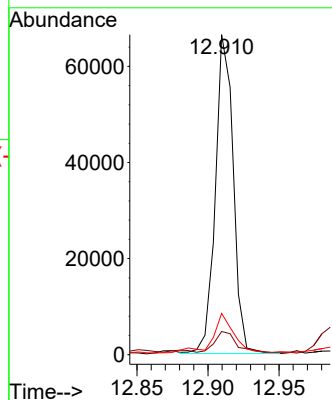
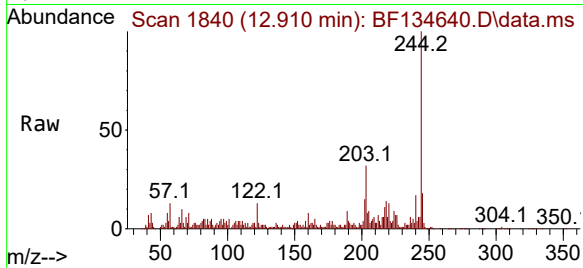




#79
 Terphenyl-d14
 Concen: 3.069 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134640.D
 Acq: 04 Aug 2023 19:07

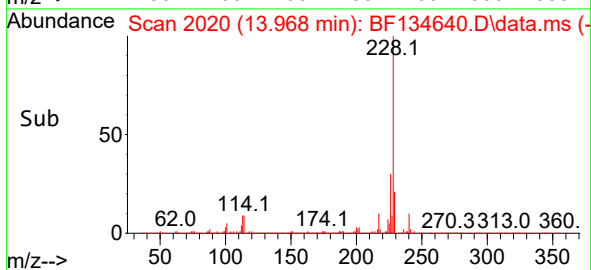
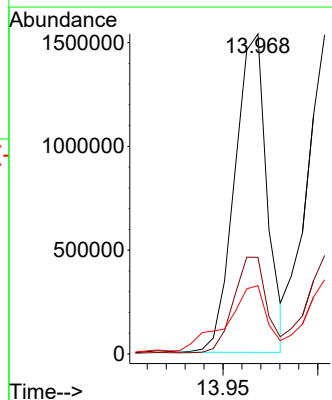
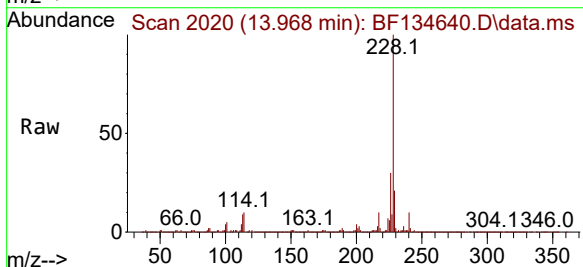
Instrument :
 BNA_F
 ClientSampleId :
 BUILDING-A-6-(5-10)DL

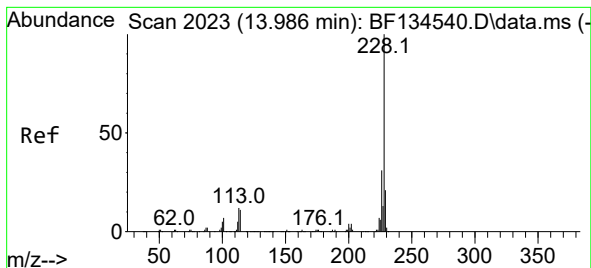
Tgt Ion:244 Resp: 57994
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 12.9 8.0 12.0#



#81
 Benzo(a)anthracene
 Concen: 76.229 ng
 RT: 13.968 min Scan# 2020
 Delta R.T. 0.006 min
 Lab File: BF134640.D
 Acq: 04 Aug 2023 19:07

Tgt Ion:228 Resp: 1815811
 Ion Ratio Lower Upper
 228 100
 226 30.2 22.3 33.5
 229 21.4 15.8 23.6





#83

Chrysene

Concen: 65.729 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)DL

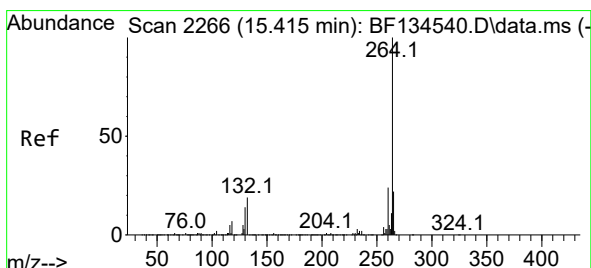
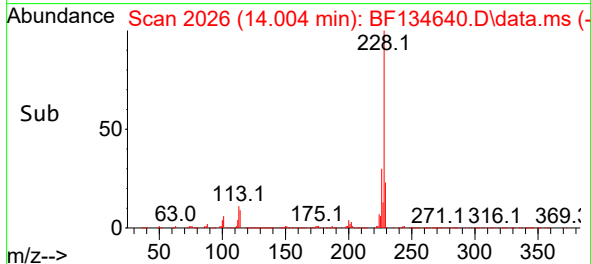
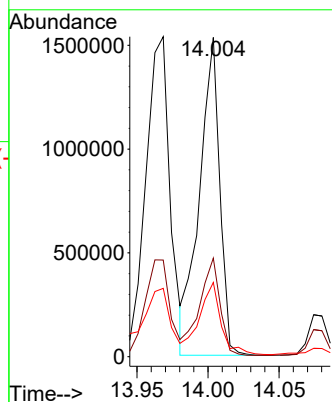
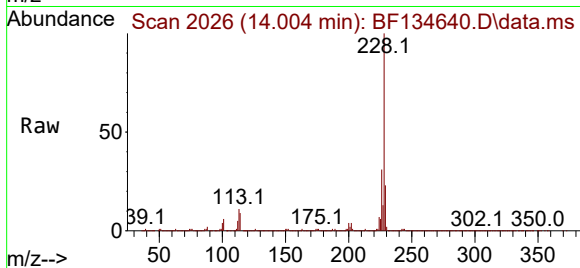
Tgt Ion:228 Resp: 1525393

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 23.2 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

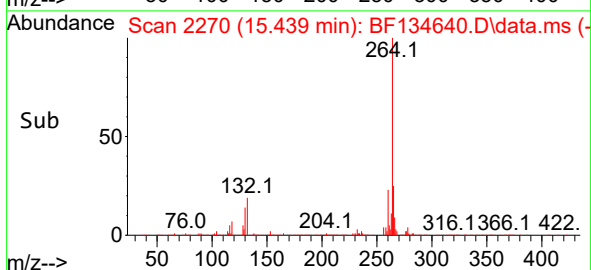
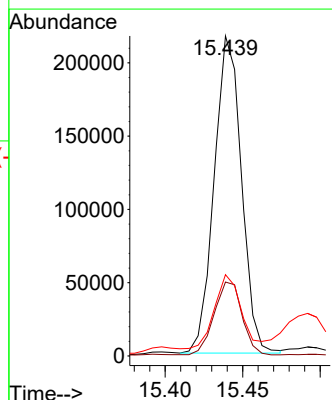
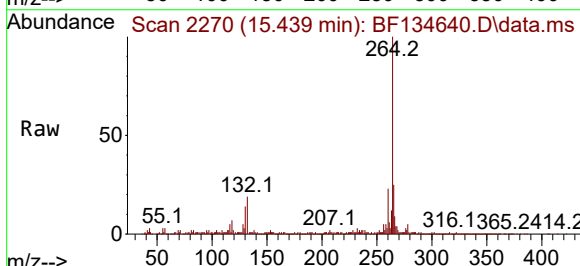
Tgt Ion:264 Resp: 264497

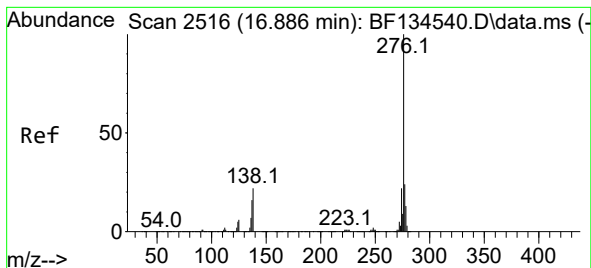
Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 25.4 15.8 23.8#





#87

Indeno(1,2,3-cd)pyrene

Concen: 28.969 ng

RT: 16.927 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)DL

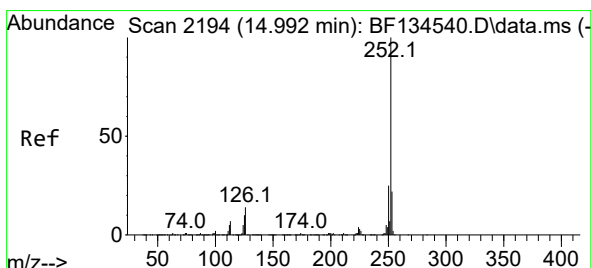
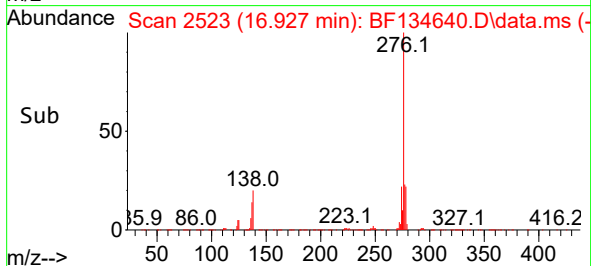
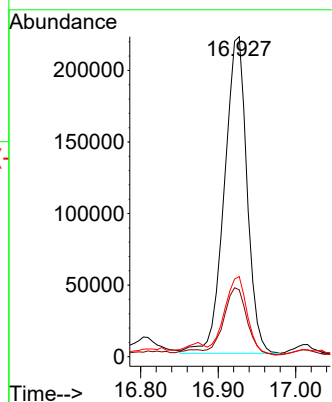
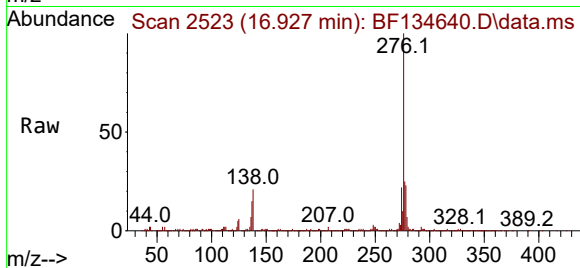
Tgt Ion:276 Resp: 450632

Ion Ratio Lower Upper

276 100

138 21.7 14.2 21.4#

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 107.377 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

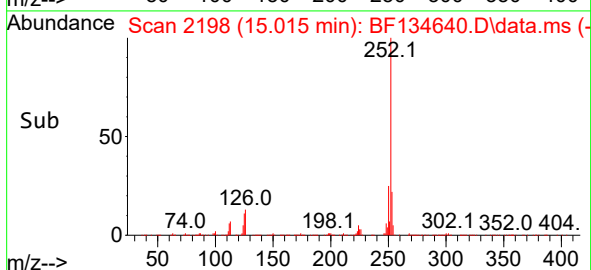
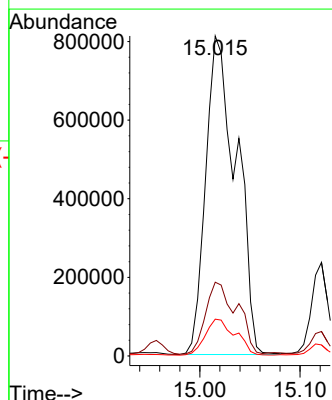
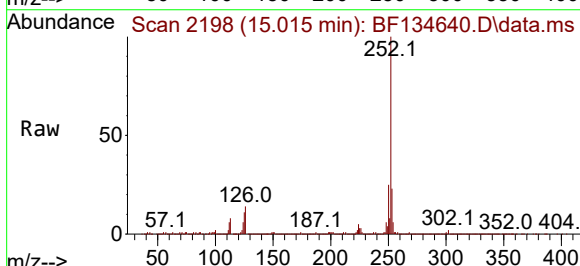
Tgt Ion:252 Resp: 1732141

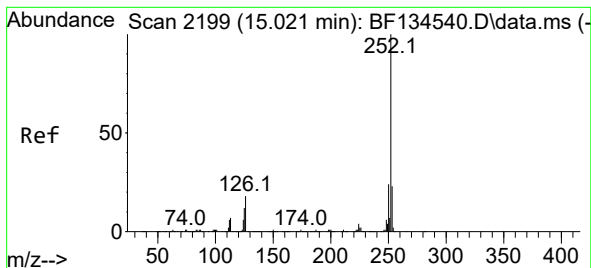
Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

125 11.5 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 107.790 ng

RT: 15.015 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)DL

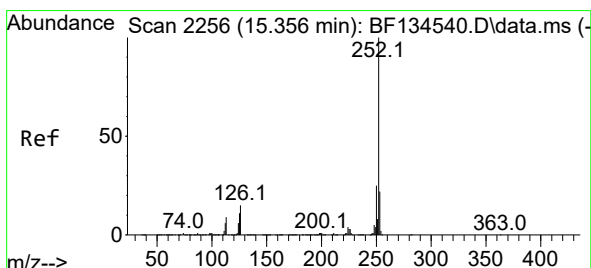
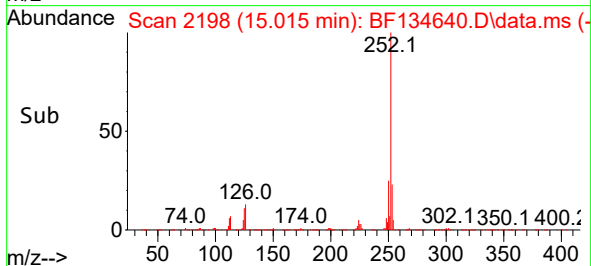
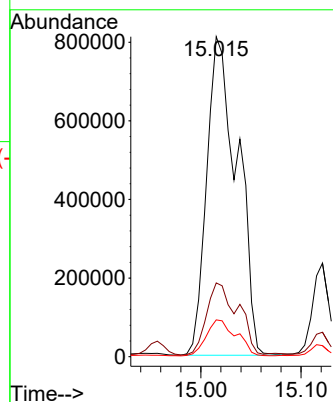
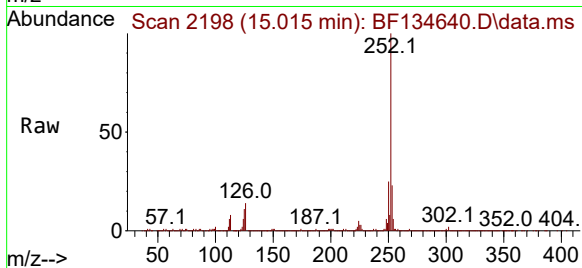
Tgt Ion:252 Resp: 1732141

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

125 11.5 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 66.337 ng

RT: 15.380 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF134640.D

Acq: 04 Aug 2023 19:07

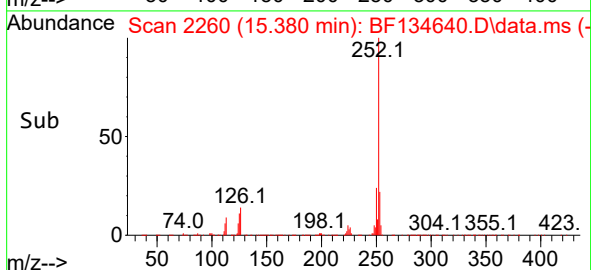
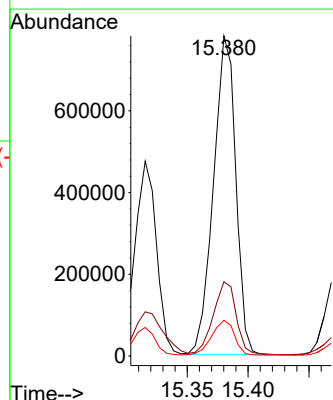
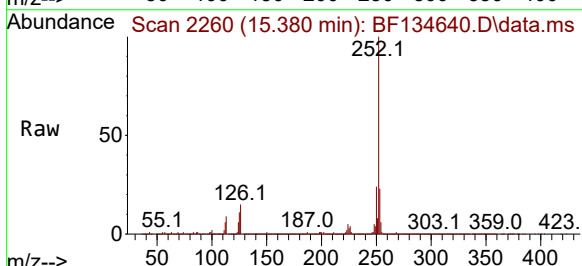
Tgt Ion:252 Resp: 997749

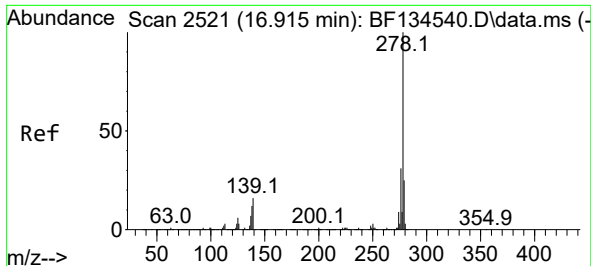
Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.4

125 11.2 6.2 9.4#

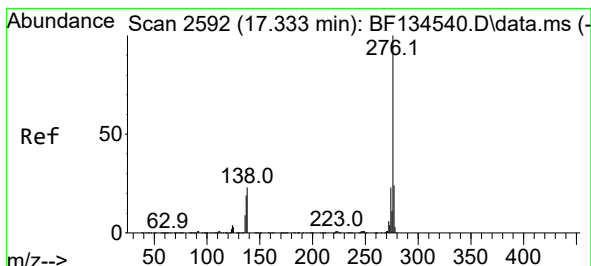
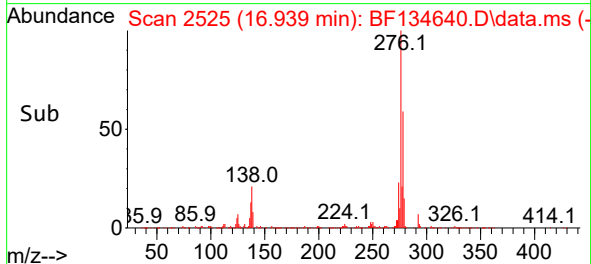
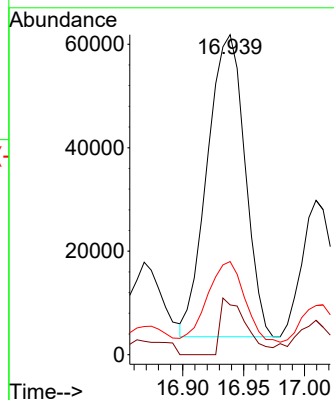
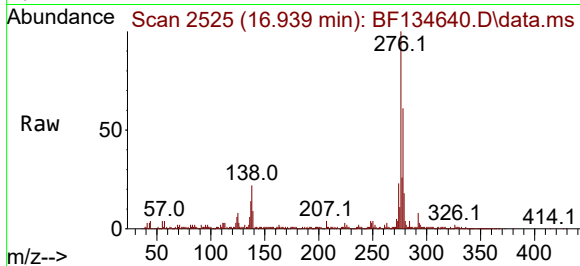




#91
Dibenzo(a,h)anthracene
Concen: 9.973 ng
RT: 16.939 min Scan# 2521
Delta R.T. -0.012 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)DL

Tgt Ion:278 Resp: 125369
Ion Ratio Lower Upper
278 100
139 15.6 10.0 15.0#
279 29.1 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 33.244 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BF134640.D
Acq: 04 Aug 2023 19:07

Tgt Ion:276 Resp: 426314
Ion Ratio Lower Upper
276 100
277 24.7 19.0 28.6
138 21.5 12.2 18.2#

