

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134608.D
 Acq On : 03 Aug 2023 13:02
 Operator : CG\JU
 Sample : 03775-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUILDING-A-8-(0-5)

Quant Time: Aug 04 01:07:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	169651	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	593569	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	254501	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	361031	20.000	ng	# 0.02
76) Chrysene-d12	13.963	240	29781	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	17679	20.000	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	932535	83.557	ng	0.00
7) Phenol-d6	6.428	99	1162617	81.492	ng	0.00
23) Nitrobenzene-d5	7.357	82	656690	69.138	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	194102	74.816	ng	0.01
45) 2-Fluorobiphenyl	9.151	172	1050610	68.638	ng	0.00
79) Terphenyl-d14	12.939	244	879050	520.348	ng	0.03
Target Compounds						Qvalue
18) Hexachloroethane	7.328	117	56168	13.709	ng	# 1
19) n-Nitroso-di-n-propyla...	7.357	70	92062	10.778	ng	# 71
22) Acetophenone	7.192	105	32632	2.381	ng	# 80
25) Isophorone	7.357	82	653361	31.538	ng	# 65
26) 2-Nitrophenol	7.692	139	841	4.966	ng	# 1
31) Naphthalene	8.116	128	5868474	196.720	ng	96
32) Benzoic acid	7.857	122	6586	8.780	ng	# 1
33) 4-Chloroaniline	8.116	127	846763	63.704	ng	# 36
35) Caprolactam	8.504	113	6710	2.479	ng	# 11
37) 2-Methylnaphthalene	8.804	142	2902078	146.766	ng	98
38) 1-Methylnaphthalene	8.904	142	3159912	171.853	ng	97
46) 1,1'-Biphenyl	9.257	154	1326815	67.042	ng	98
48) 2-Nitroaniline	9.351	65	22691	7.750	ng	# 33
49) Acenaphthylene	9.704	152	2512561	107.789	ng	# 96
51) 2,6-Dinitrotoluene	9.533	165	26279	9.505	ng	# 1
52) Acenaphthene	9.875	154	1905655	126.153	ng	97
54) 2,4-Dinitrophenol	9.892	184	1343	8.046	ng	# 1
55) Dibenzofuran	10.045	168	914518	42.528	ng	# 90
56) 4-Nitrophenol	9.939	139	48235	15.254	ng	# 30
57) 2,4-Dinitrotoluene	10.080	165	42097	12.075	ng	# 58
58) Fluorene	10.404	166	3124928	199.507	ng	# 92
62) 4-Nitroaniline	10.404	138	34652	9.144	ng	# 24
63) Azobenzene	10.539	77	37818	2.141	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.445	198	2276	9.976	ng	# 1
66) n-Nitrosodiphenylamine	10.498	169	204230	17.773	ng	# 4
71) Phenanthrene	11.392	178	8993386	468.980	ng	97
72) Anthracene	11.392	178	8993386	459.131	ng	94
73) Carbazole	11.569	167	453316	25.919	ng	92
75) Fluoranthene	12.604	202	7590311	374.712	ng	96
77) Benzidine	12.680	184	28402	43.933	ng	# 1
78) Pyrene	12.674	202	2508570	973.448	ng	96
80) Butylbenzylphthalate	13.380	149	3382	3.881	ng	# 1
81) Benzo(a)anthracene	13.998	228	5441649	2555.385	ng	# 90
82) 3,3'-Dichlorobenzidine	13.916	252	5945	9.631	ng	# 48
83) Chrysene	13.998	228	5441649	2622.889	ng	93
84) Bis(2-ethylhexyl)phtha...	13.980	149	15607	15.219	ng	# 76

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134608.D
 Acq On : 03 Aug 2023 13:02
 Operator : CG\JU
 Sample : 03775-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

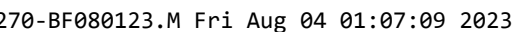
Instrument :
 BNA_F
 ClientSampleId :
 BUILDING-A-8-(0-5)

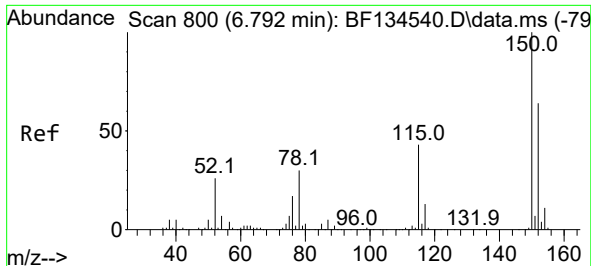
Quant Time: Aug 04 01:07:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Indeno(1,2,3-cd)pyrene	16.856	276	150851	145.085	ng	92
88) Benzo(b)fluoranthene	15.062	252	5903368	5475.083	ng #	94
89) Benzo(k)fluoranthene	15.062	252	5903368	5496.151	ng #	96
90) Benzo(a)pyrene	15.439	252	4752836	4727.700	ng	94
91) Dibenzo(a,h)anthracene	17.004	278	703424	837.133	ng #	87
92) Benzo(g,h,i)perylene	17.462	276	2497750	2914.060	ng #	92

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

Quant Time: Aug 04 01:07:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration

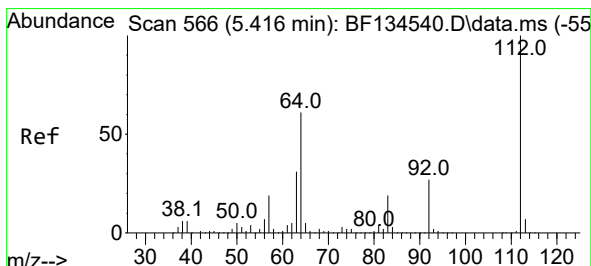
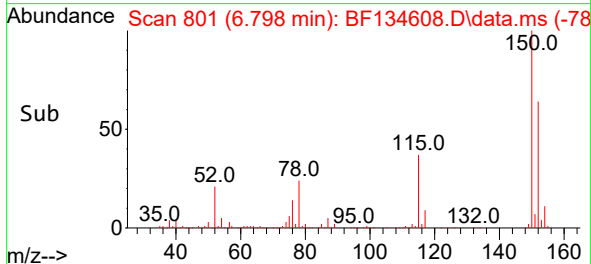
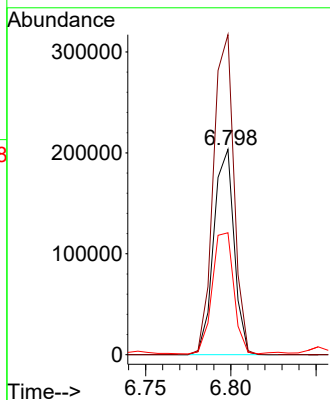
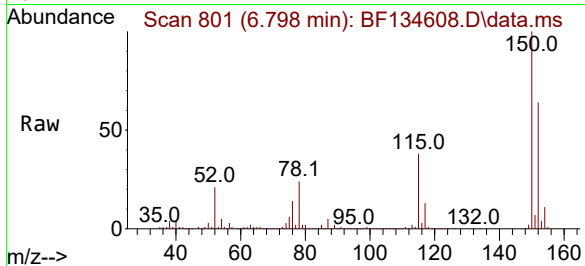




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

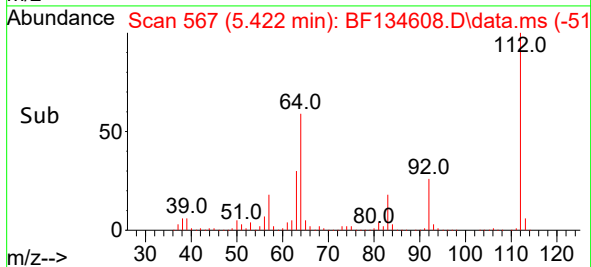
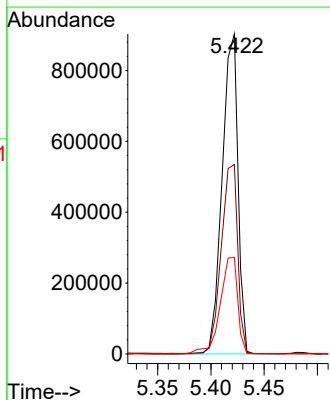
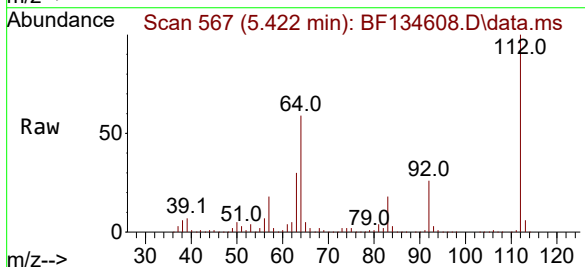
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

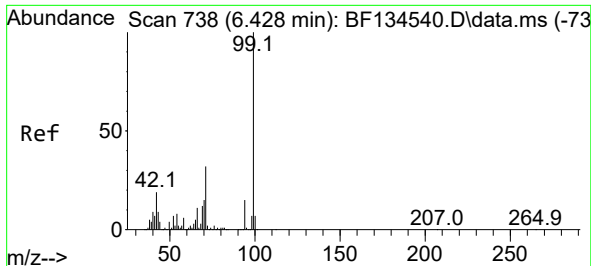
Tgt Ion:152 Resp: 169651
Ion Ratio Lower Upper
152 100
150 155.9 128.3 192.5
115 59.4 52.4 78.6



#5
2-Fluorophenol
Concen: 83.557 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion:112 Resp: 932535
Ion Ratio Lower Upper
112 100
64 59.2 44.9 67.3
63 30.2 25.4 38.0





#7

Phenol-d6

Concen: 81.492 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-8-(0-5)

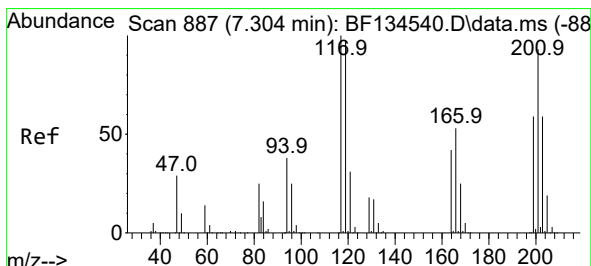
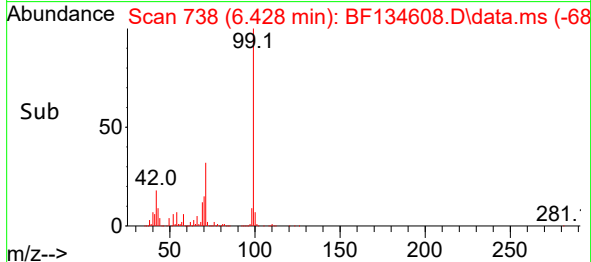
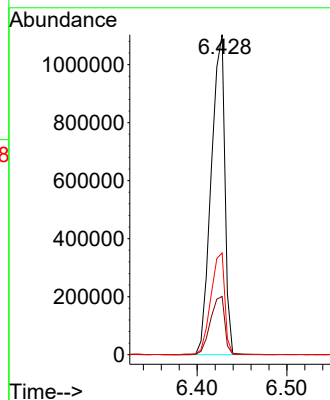
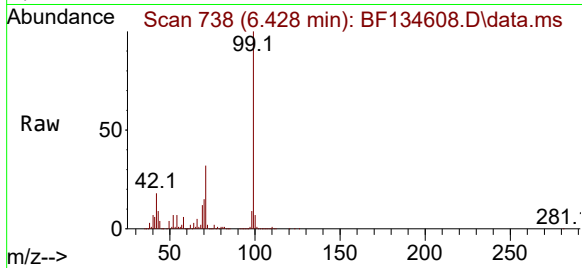
Tgt Ion: 99 Resp: 1162617

Ion Ratio Lower Upper

99 100

42 18.2 18.7 28.1#

71 31.8 36.4 54.6#



#18

Hexachloroethane

Concen: 13.709 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.024 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

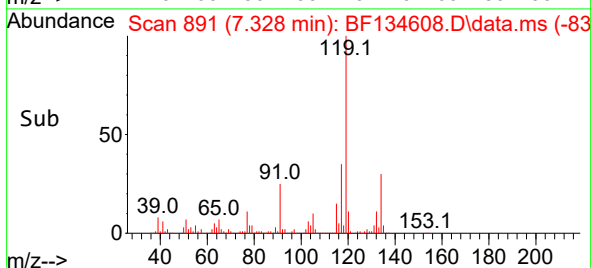
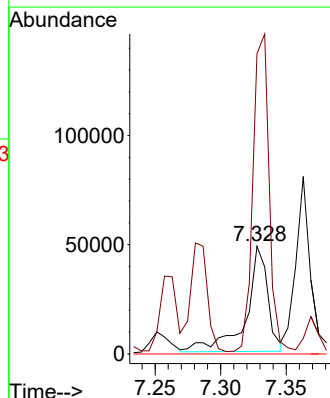
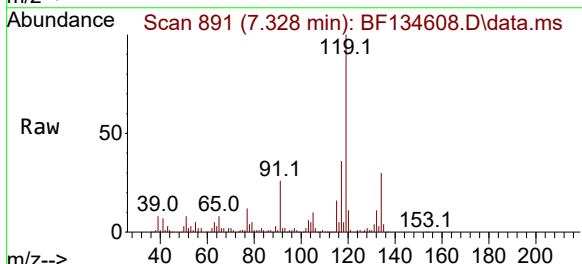
Tgt Ion: 117 Resp: 56168

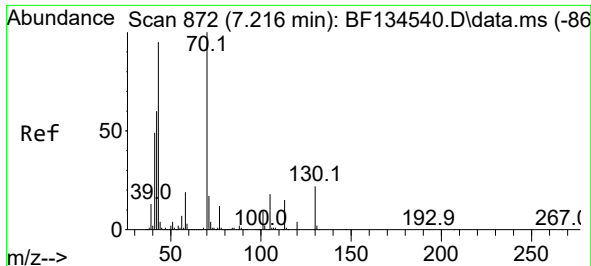
Ion Ratio Lower Upper

117 100

119 279.0 75.8 113.8#

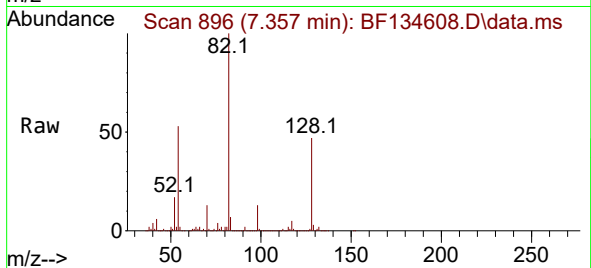
201 0.0 73.6 110.4#



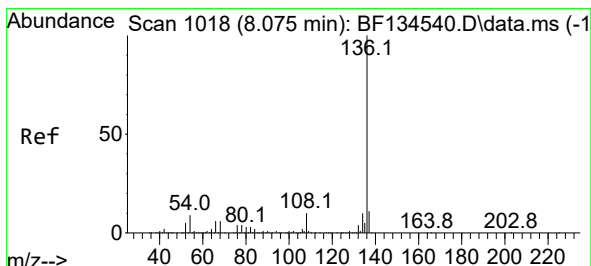
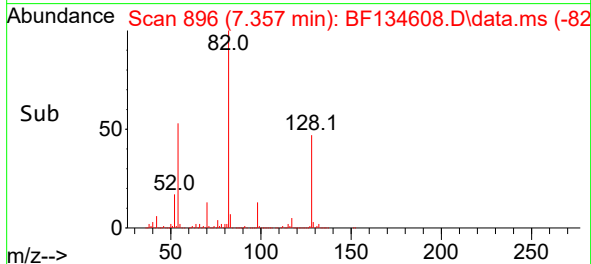
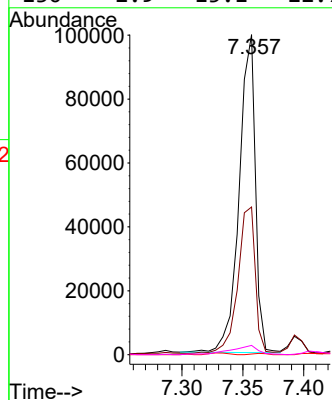


#19
n-Nitroso-di-n-propylamine
Concen: 10.778 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

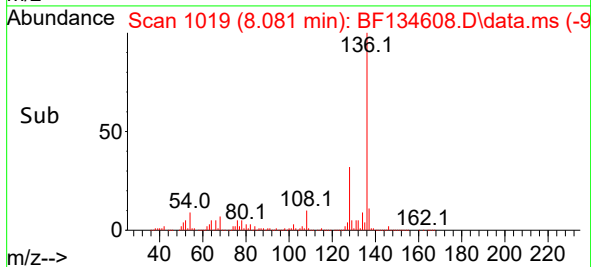
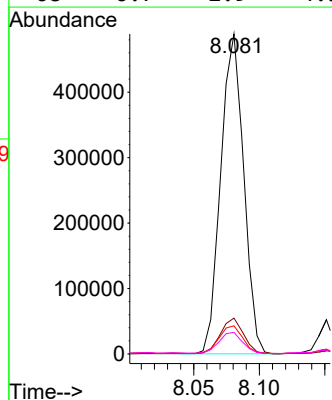
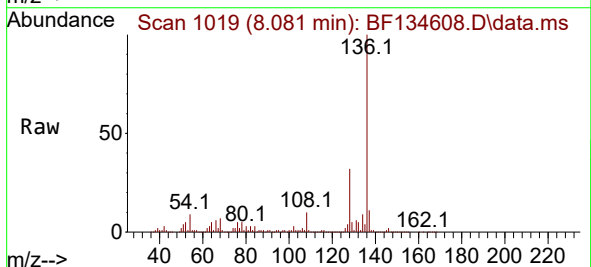


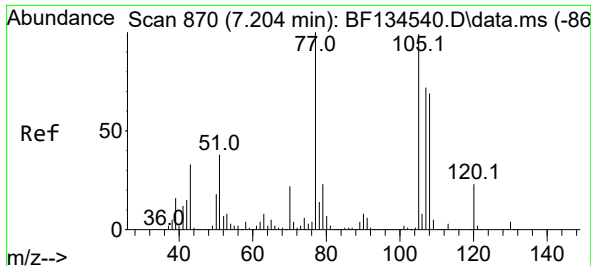
Tgt Ion: 70 Resp: 92062
Ion Ratio Lower Upper
70 100
42 46.2 54.7 82.1#
101 0.2 8.2 12.2#
130 2.9 15.1 22.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

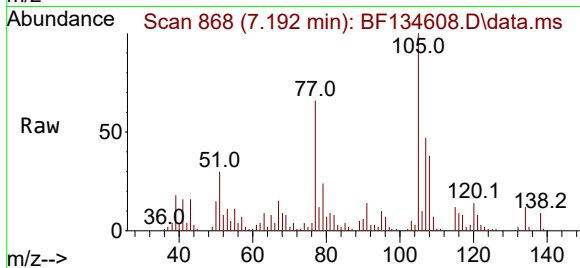
Tgt Ion: 136 Resp: 593569
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.8 5.2 7.8#
68 6.7 2.9 4.3#



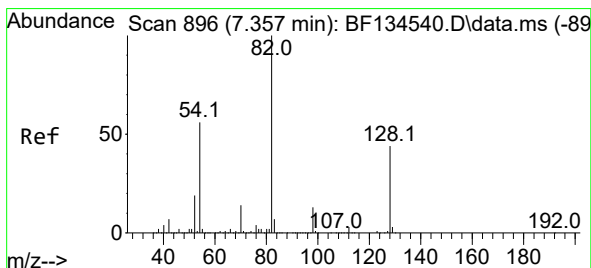
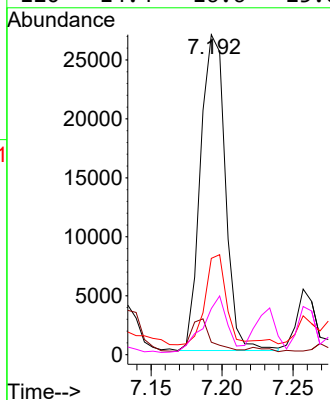
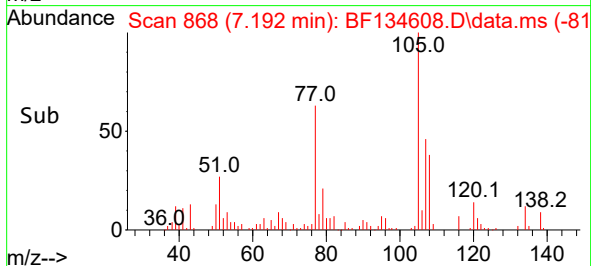


#22
Acetophenone
Concen: 2.381 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

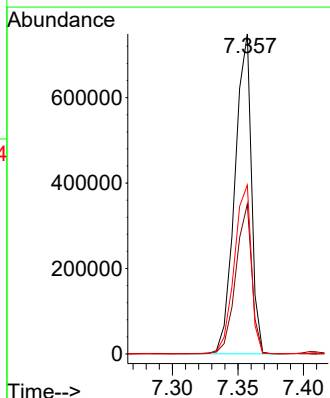
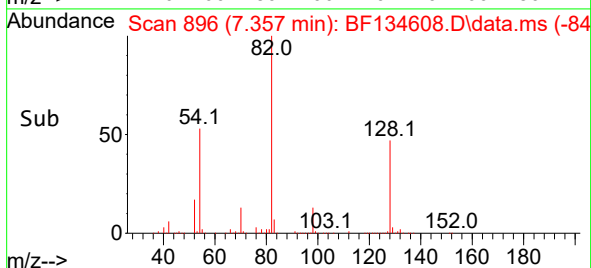
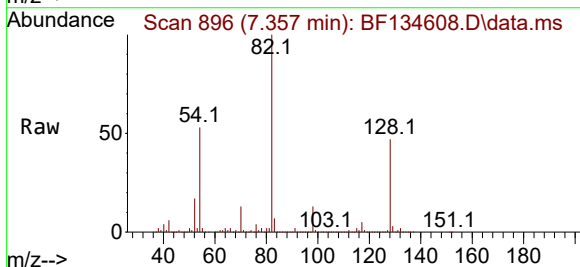


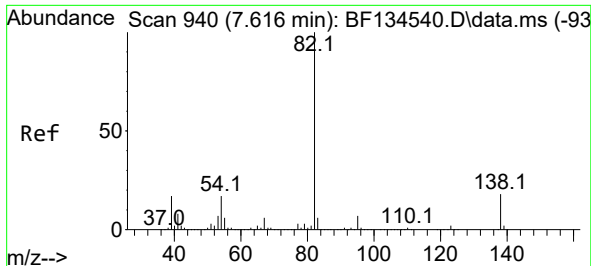
Tgt Ion:105 Resp: 32632
Ion Ratio Lower Upper
105 100
71 3.9 7.4 11.0#
51 30.1 36.4 54.6#
120 14.4 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 69.138 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion: 82 Resp: 656690
Ion Ratio Lower Upper
82 100
128 46.9 34.3 51.5
54 52.8 43.8 65.6

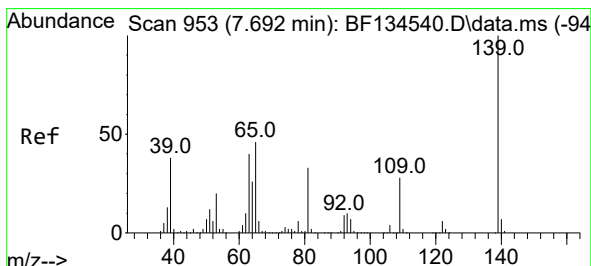
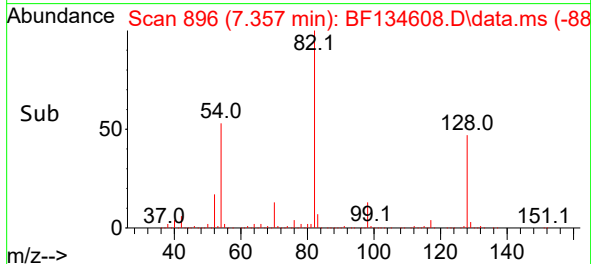
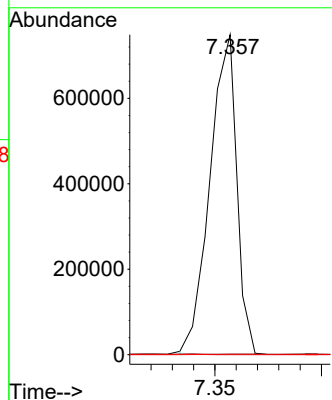
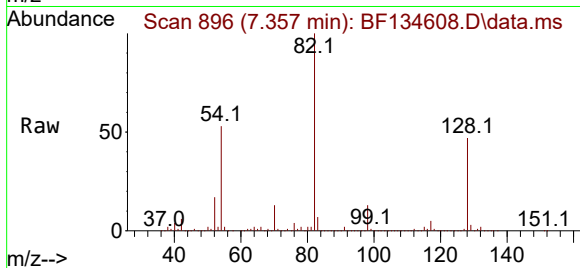




#25
Isophorone
Concen: 31.538 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.259 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

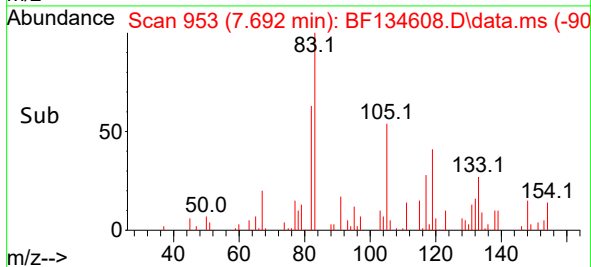
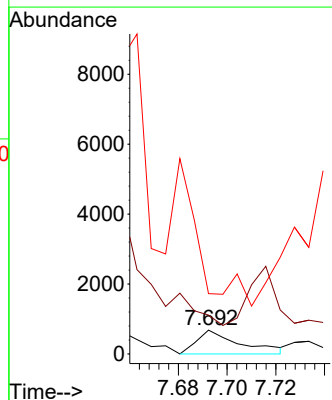
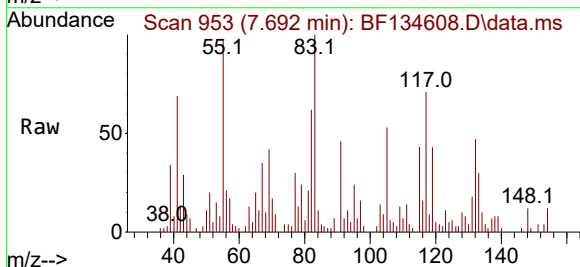
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

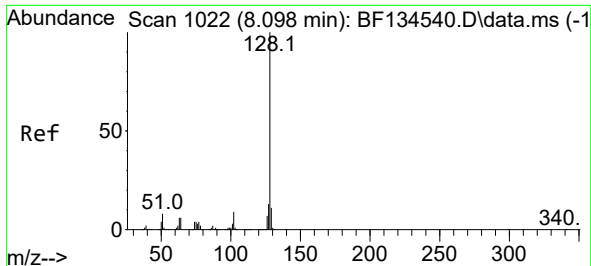
Tgt Ion: 82 Resp: 653361
Ion Ratio Lower Upper
82 100
95 0.2 6.0 9.0#
138 0.0 14.6 22.0#



#26
2-Nitrophenol
Concen: 4.966 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion:139 Resp: 841
Ion Ratio Lower Upper
139 100
109 163.3 29.8 44.6#
65 252.9 45.4 68.2#

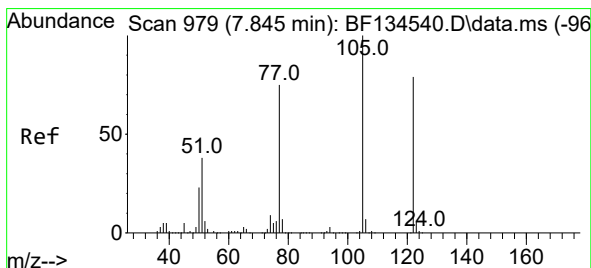
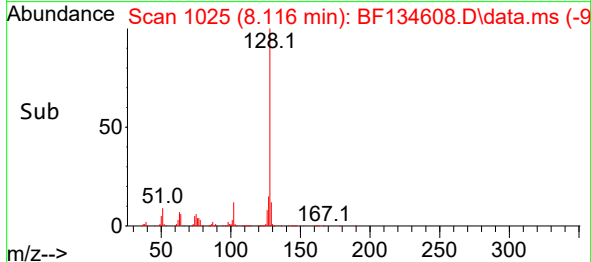
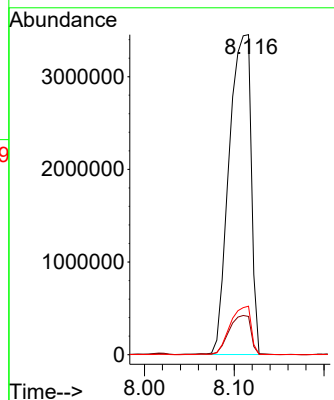
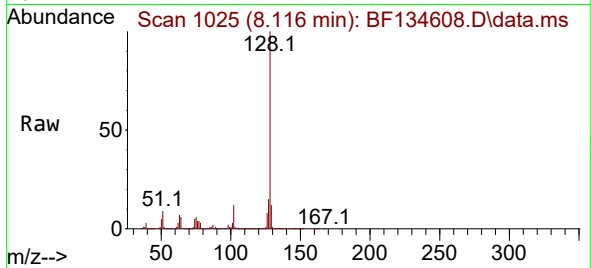




#31
Naphthalene
Concen: 196.720 ng
RT: 8.116 min Scan# 1022
Delta R.T. 0.018 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

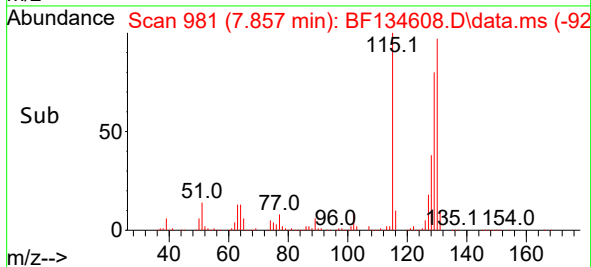
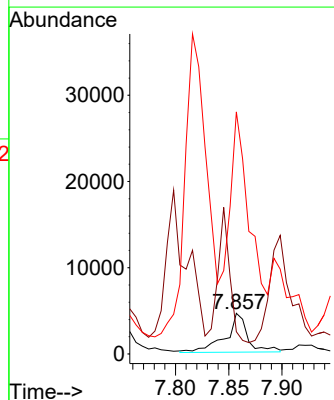
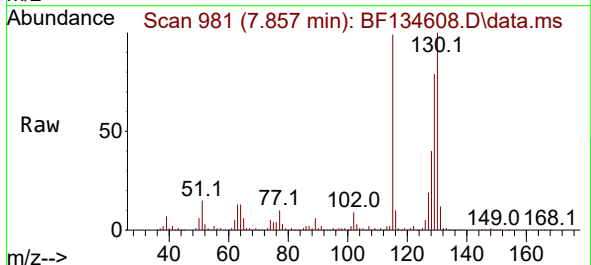
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

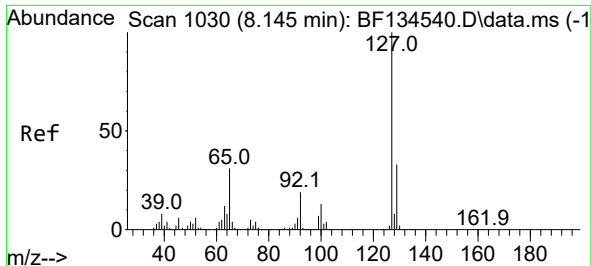
Tgt Ion:128 Resp: 5868474
Ion Ratio Lower Upper
128 100
129 11.9 8.4 12.6
127 15.2 10.7 16.1



#32
Benzoic acid
Concen: 8.780 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion:122 Resp: 6586
Ion Ratio Lower Upper
122 100
105 54.7 87.5 127.5#
77 596.8 71.4 111.4#

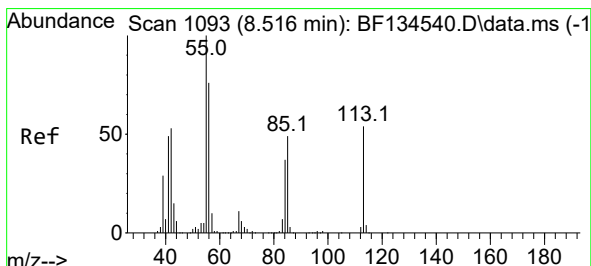
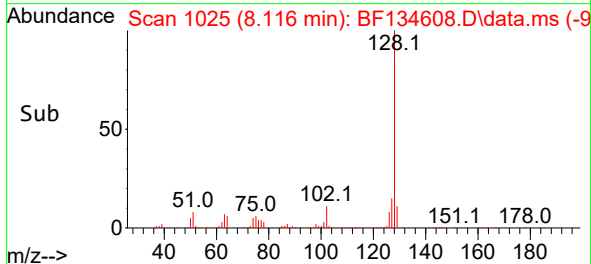
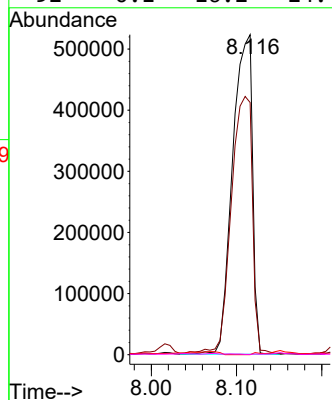
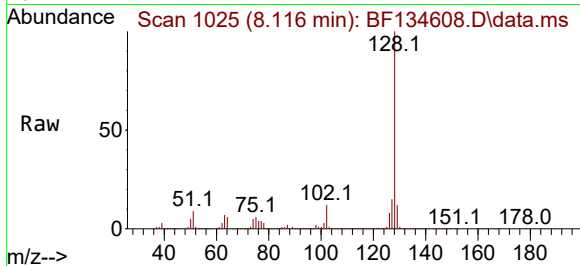




#33
4-Chloroaniline
Concen: 63.704 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.029 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

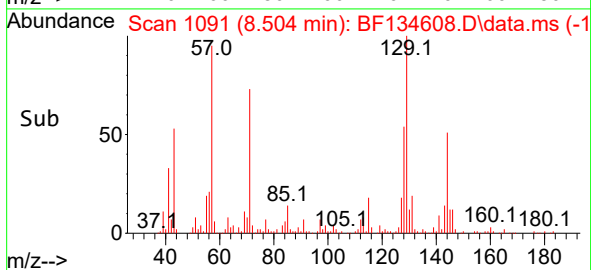
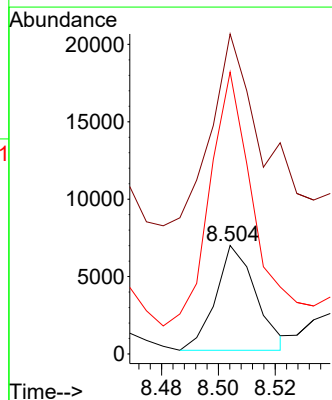
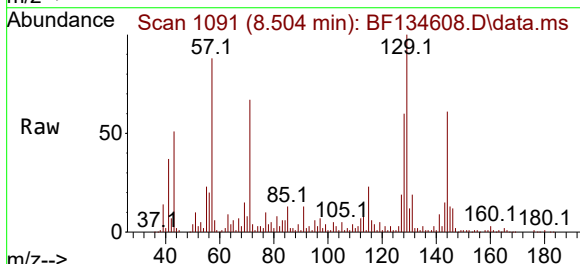
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

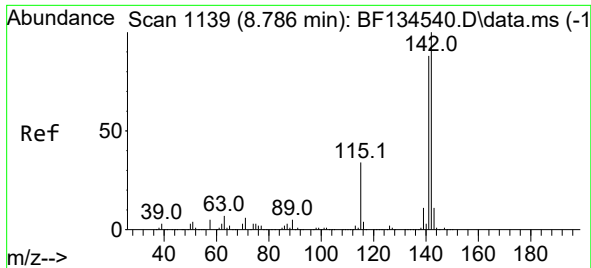
Tgt Ion:127 Resp: 846763
Ion Ratio Lower Upper
127 100
129 78.8 25.6 38.4#
65 0.0 25.4 38.0#
92 0.1 16.2 24.4#



#35
Caprolactam
Concen: 2.479 ng
RT: 8.504 min Scan# 1091
Delta R.T. -0.012 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion:113 Resp: 6710
Ion Ratio Lower Upper
113 100
55 294.9 161.5 201.5#
56 259.7 117.8 157.8#

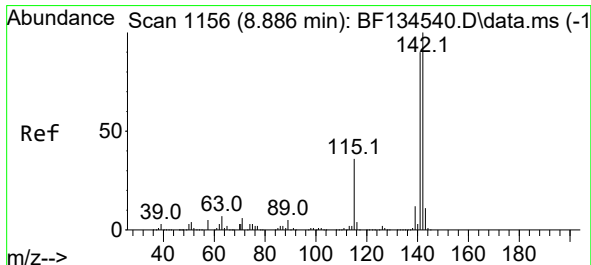
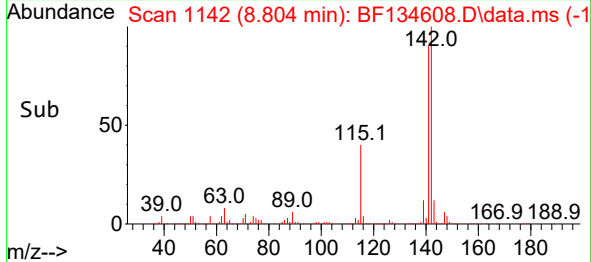
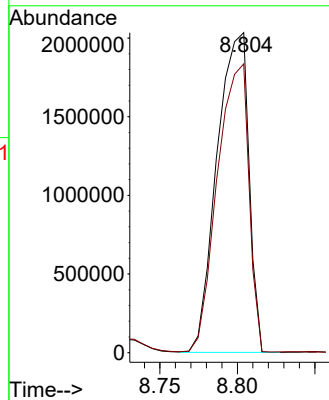
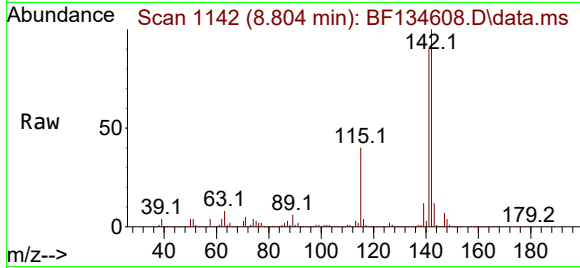




#37
2-Methylnaphthalene
Concen: 146.766 ng
RT: 8.804 min Scan# 1142
Delta R.T. 0.018 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

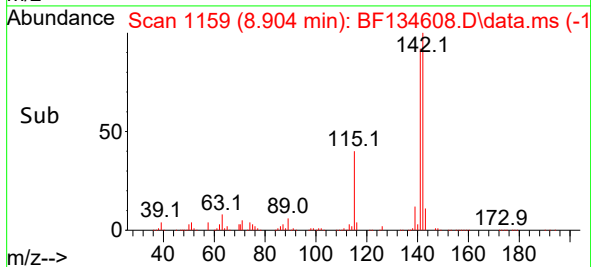
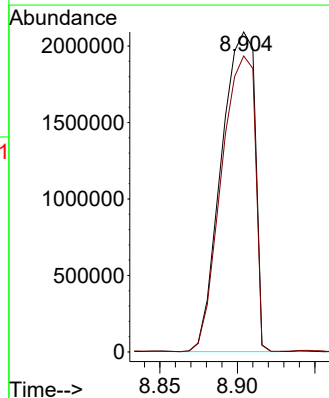
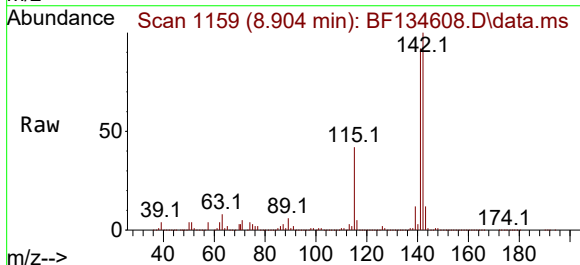
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

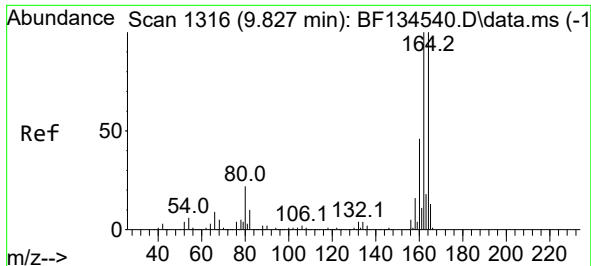
Tgt Ion:142 Resp: 2902078
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2



#38
1-Methylnaphthalene
Concen: 171.853 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.018 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion:142 Resp: 3159912
Ion Ratio Lower Upper
142 100
141 92.5 71.4 107.2

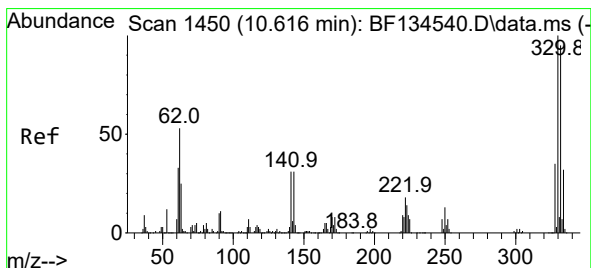
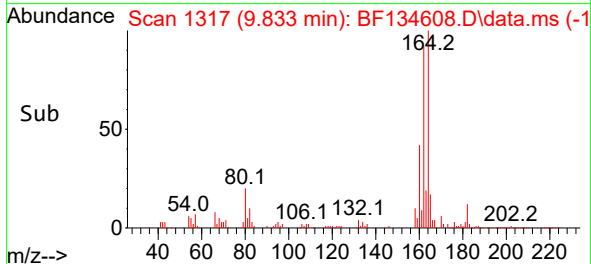
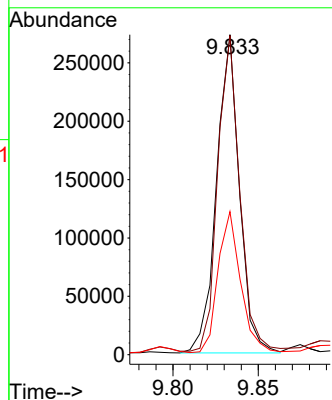
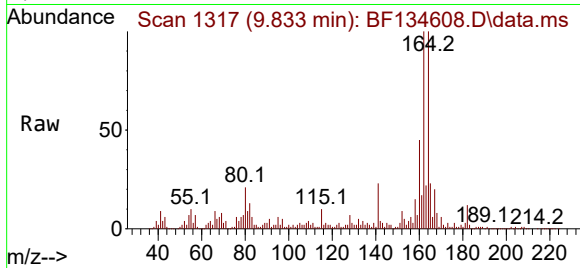




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

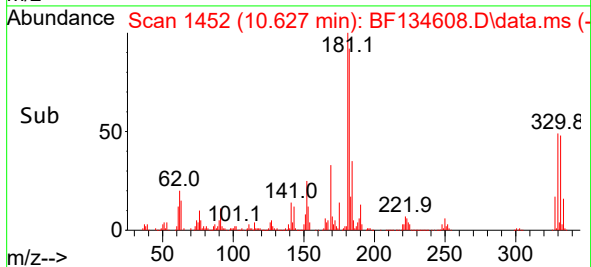
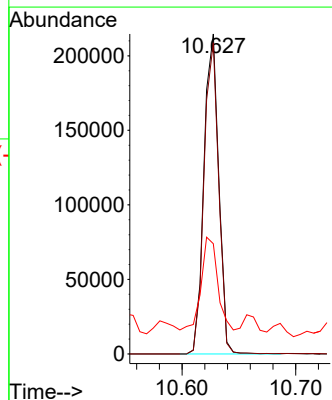
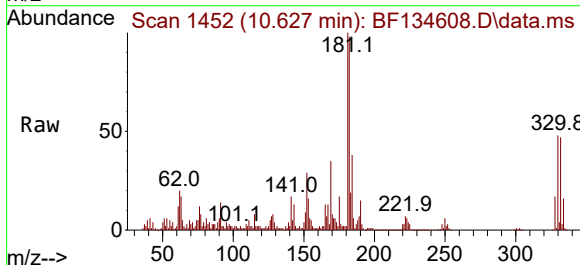
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

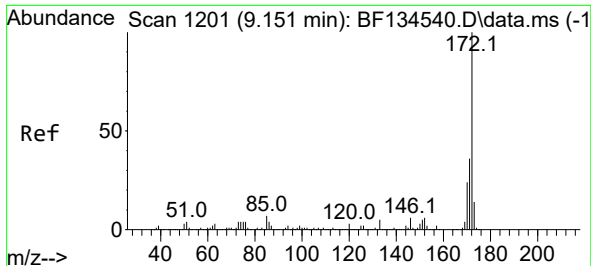
Tgt Ion:164 Resp: 254501
Ion Ratio Lower Upper
164 100
162 99.8 82.6 123.8
160 44.7 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 74.816 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.012 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion:330 Resp: 194102
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 31.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 68.638 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-8-(0-5)

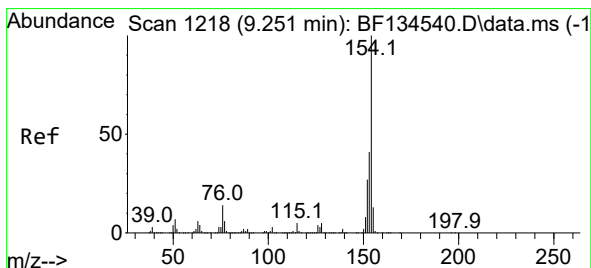
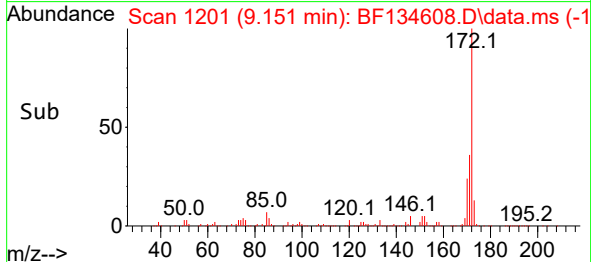
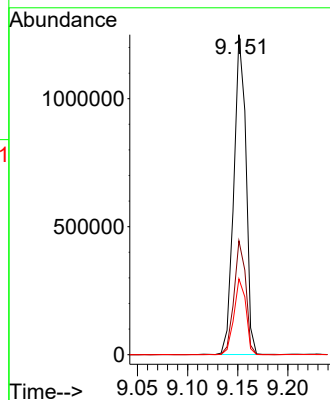
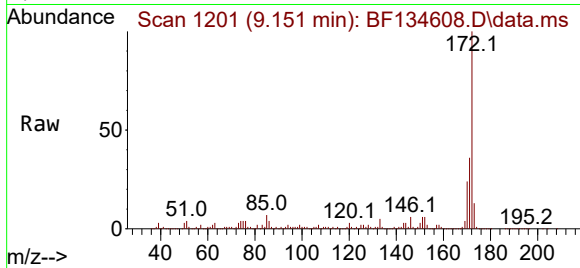
Tgt Ion:172 Resp: 1050610

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.7 18.7 28.1



#46

1,1'-Biphenyl

Concen: 67.042 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

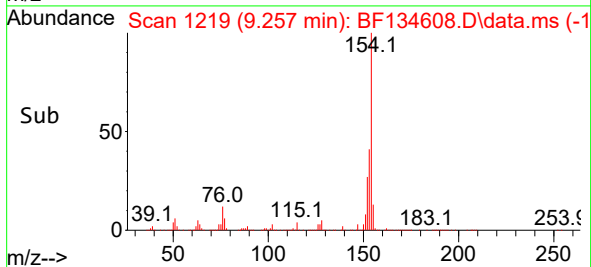
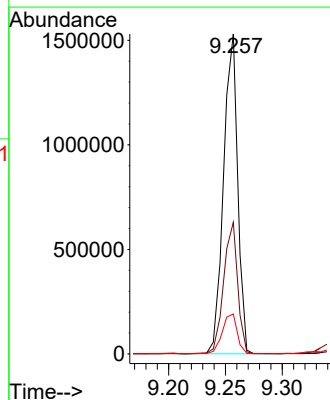
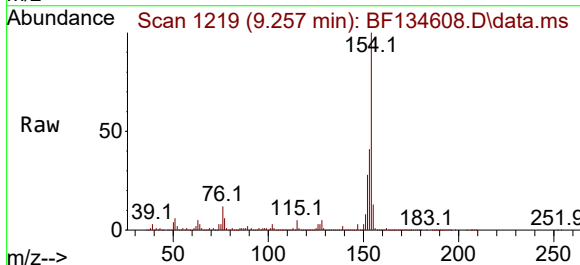
Tgt Ion:154 Resp: 1326815

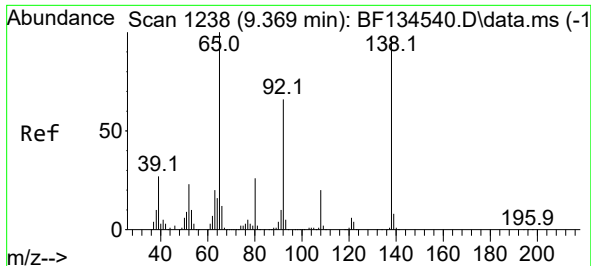
Ion Ratio Lower Upper

154 100

153 41.2 20.8 60.8

76 12.5 0.0 30.2

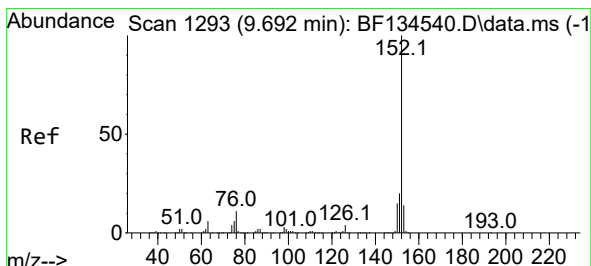
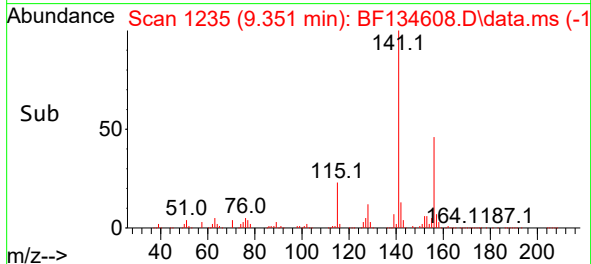
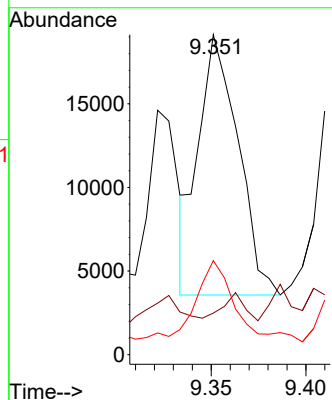
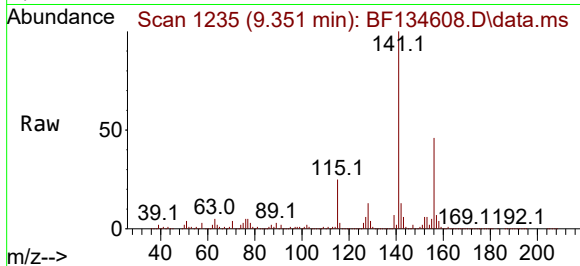




#48
2-Nitroaniline
Concen: 7.750 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.018 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

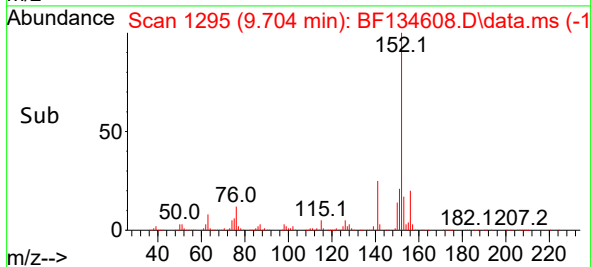
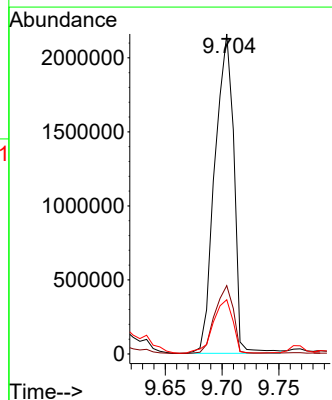
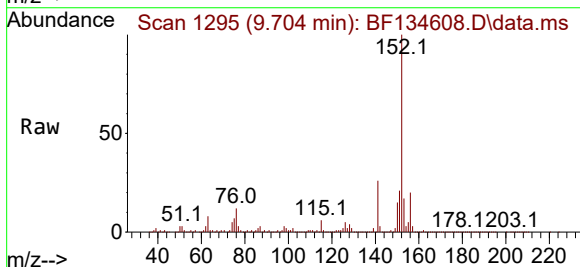
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

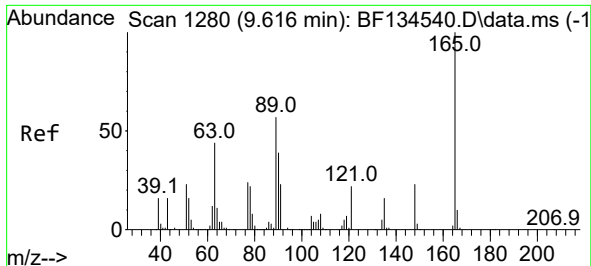
Tgt Ion: 65 Resp: 22691
Ion Ratio Lower Upper
65 100
92 13.0 50.7 76.1#
138 29.4 78.2 117.4#



#49
Acenaphthylene
Concen: 107.789 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.012 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion: 152 Resp: 2512561
Ion Ratio Lower Upper
152 100
151 21.4 16.4 24.6
153 16.9 10.9 16.3#

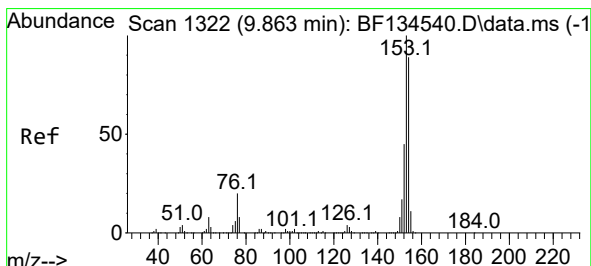
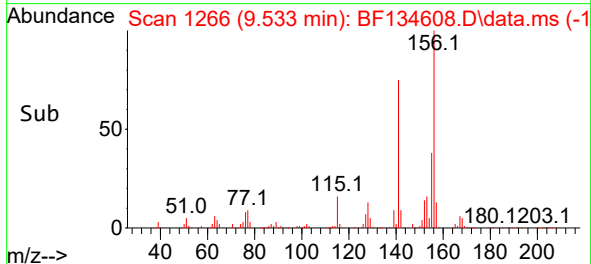
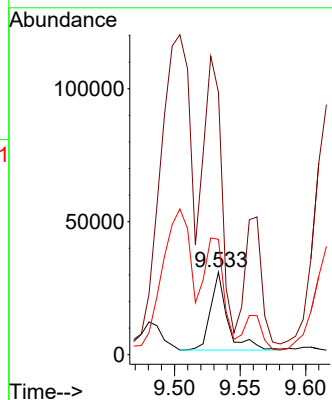
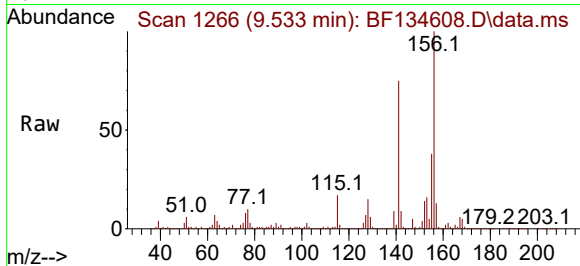




#51
2,6-Dinitrotoluene
Concen: 9.505 ng
RT: 9.533 min Scan# 11
Delta R.T. -0.083 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

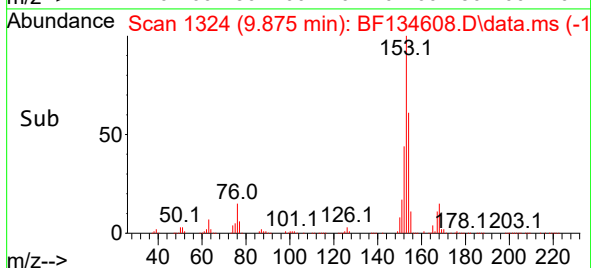
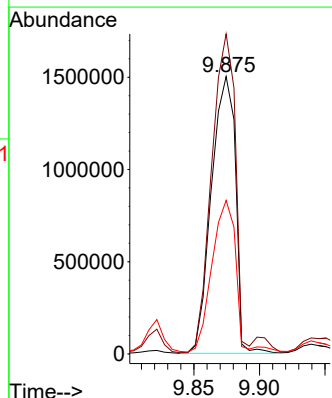
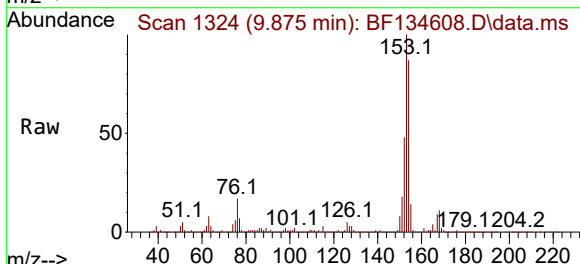
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

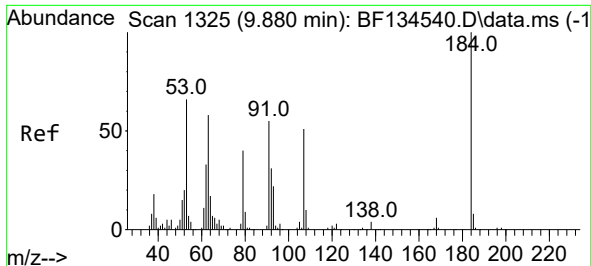
Tgt Ion:165 Resp: 26279
Ion Ratio Lower Upper
165 100
63 318.3 57.8 86.6#
89 139.8 51.8 77.8#



#52
Acenaphthene
Concen: 126.153 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion:154 Resp: 1905655
Ion Ratio Lower Upper
154 100
153 115.4 90.0 135.0
152 55.4 42.4 63.6

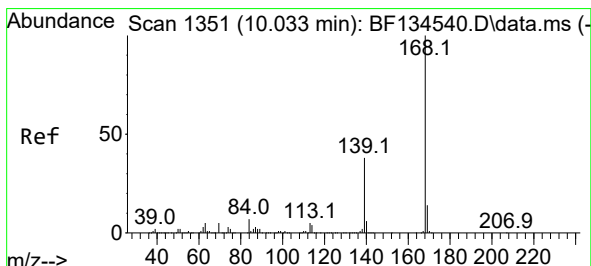
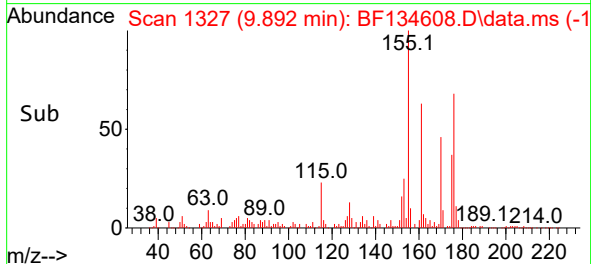
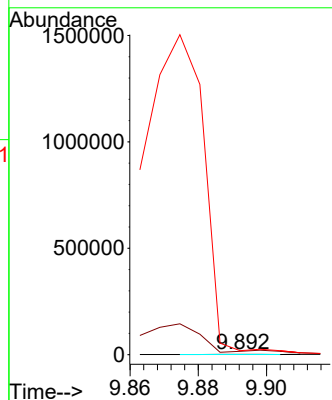
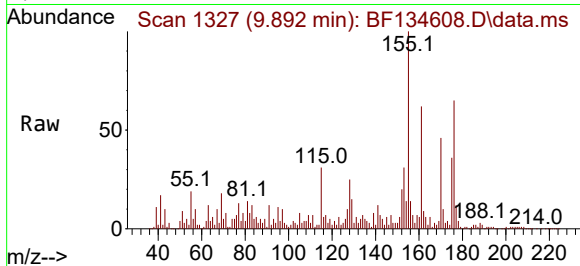




#54
2,4-Dinitrophenol
Concen: 8.046 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

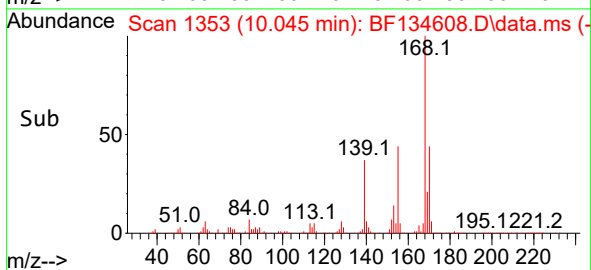
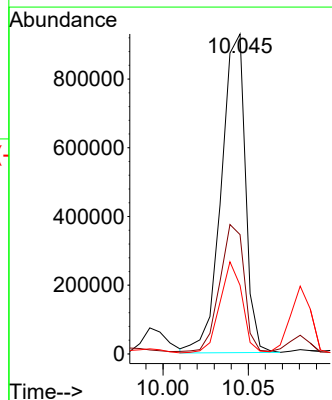
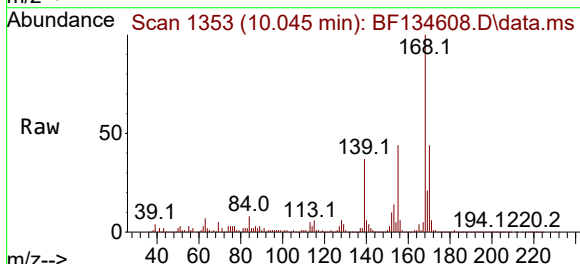
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

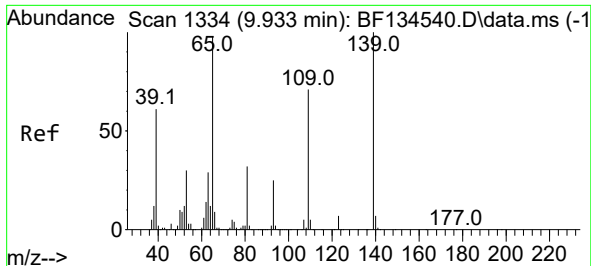
Tgt Ion:184 Resp: 1343
Ion Ratio Lower Upper
184 100
63 927.1 57.1 85.7#
154 1125.3 59.1 88.7#



#55
Dibenzofuran
Concen: 42.528 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion:168 Resp: 914518
Ion Ratio Lower Upper
168 100
139 37.3 33.4 50.2
169 21.5 10.6 15.8#

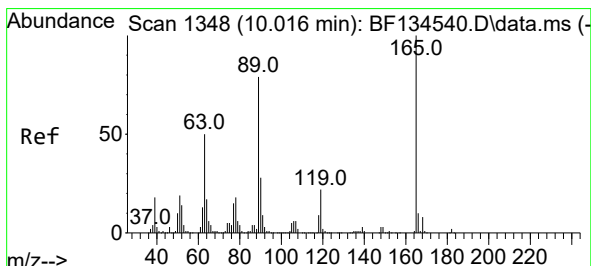
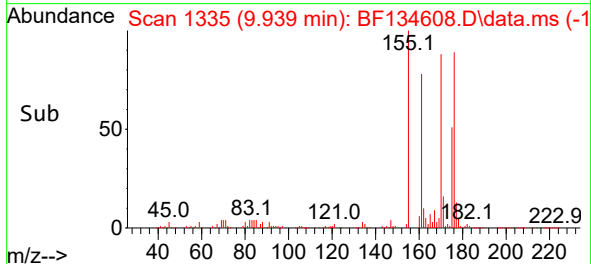
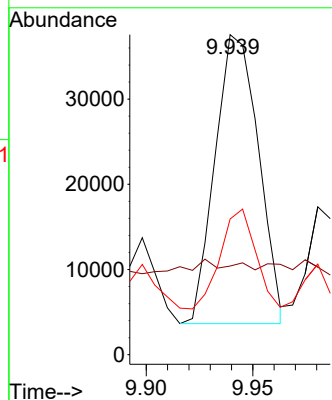
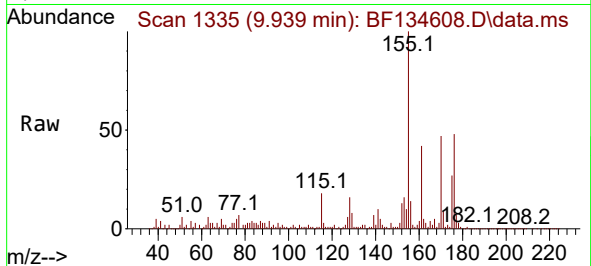




#56
4-Nitrophenol
Concen: 15.254 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

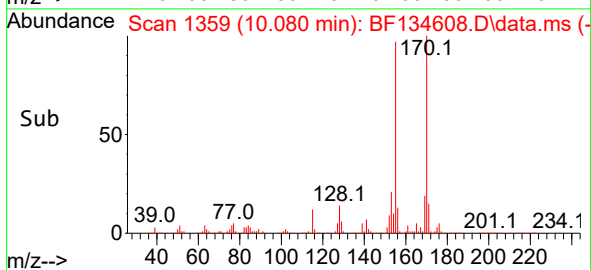
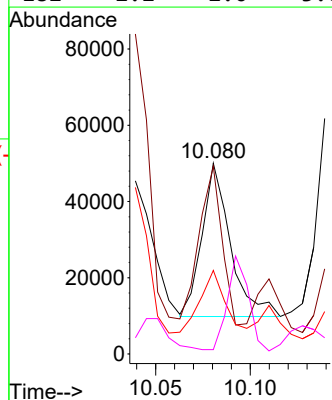
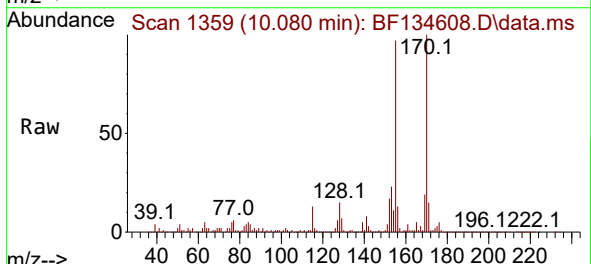
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

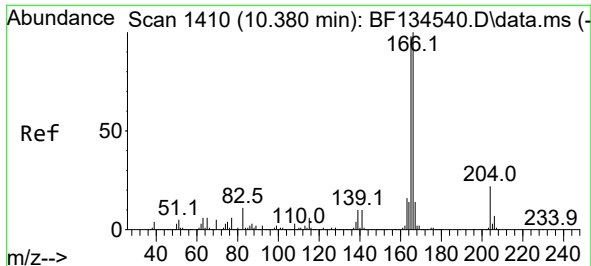
Tgt Ion:139 Resp: 48235
Ion Ratio Lower Upper
139 100
109 27.7 76.9 116.9#
65 42.4 98.5 138.5#



#57
2,4-Dinitrotoluene
Concen: 12.075 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.064 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion:165 Resp: 42097
Ion Ratio Lower Upper
165 100
63 98.4 48.9 73.3#
89 43.8 61.7 92.5#
182 2.2 2.0 3.0

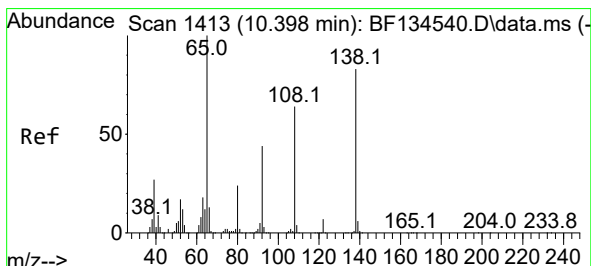
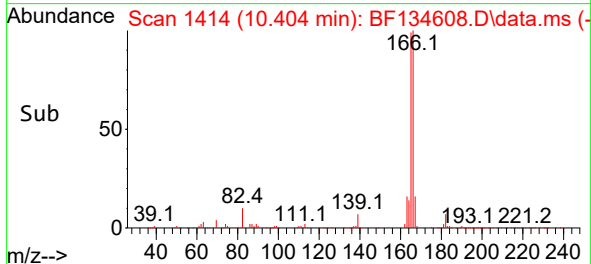
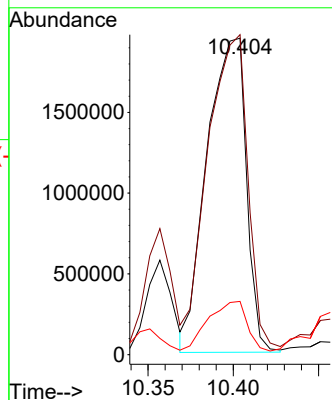
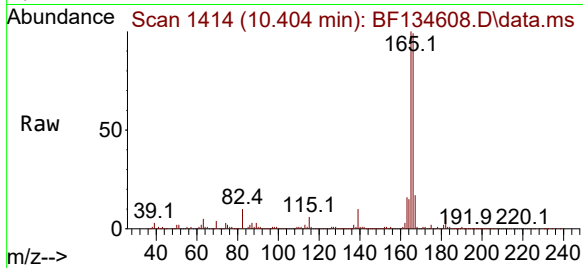




#58
Fluorene
Concen: 199.507 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.024 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

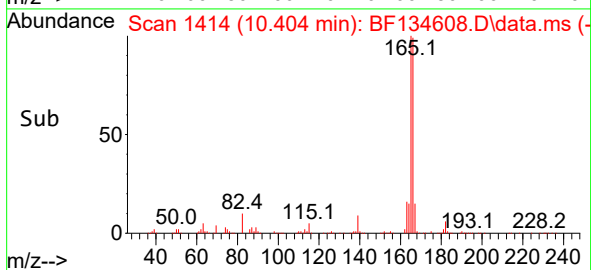
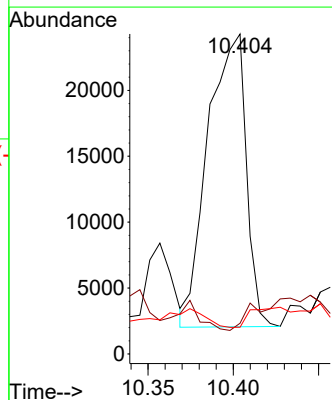
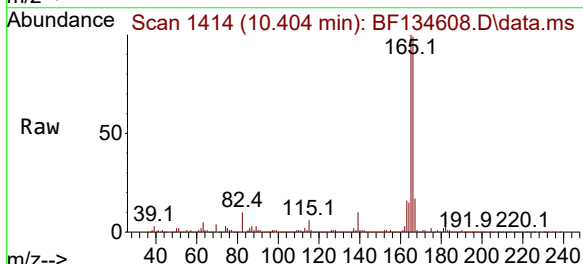
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

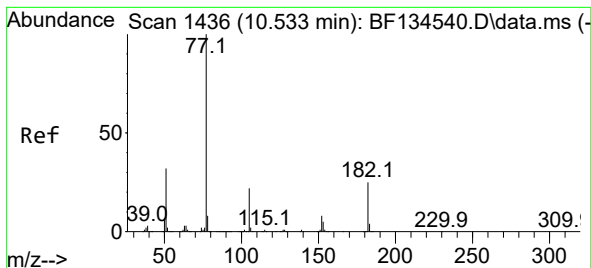
Tgt Ion:166 Resp: 3124928
Ion Ratio Lower Upper
166 100
165 101.1 74.5 111.7
167 16.9 10.6 16.0#



#62
4-Nitroaniline
Concen: 9.144 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion:138 Resp: 34652
Ion Ratio Lower Upper
138 100
92 9.6 27.0 67.0#
108 8.4 70.4 110.4#

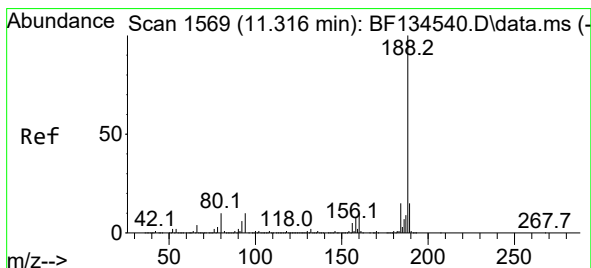
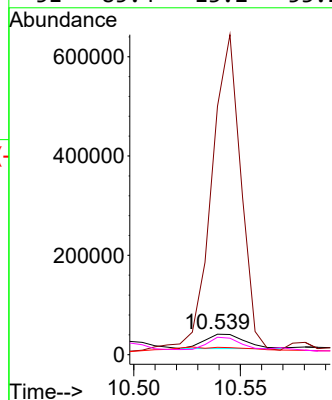
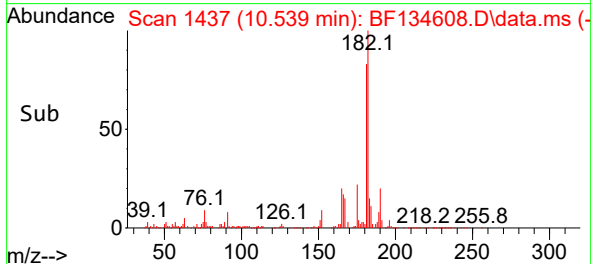
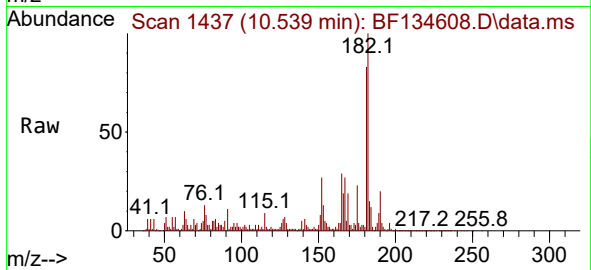




#63
Azobenzene
Concen: 2.141 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

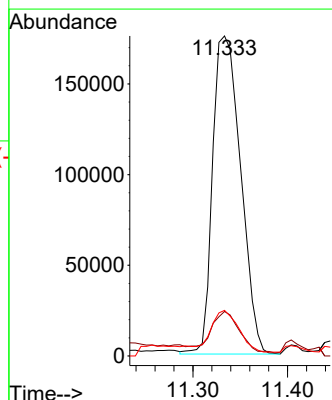
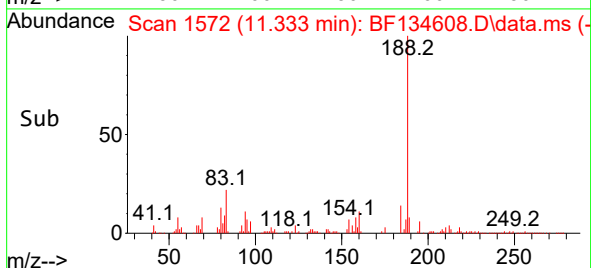
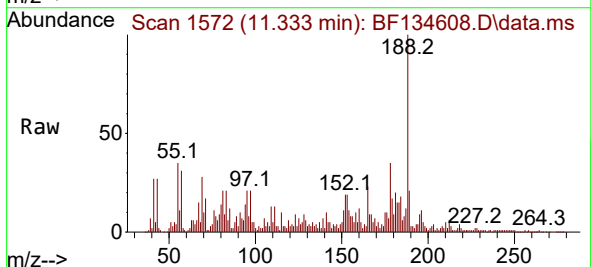
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

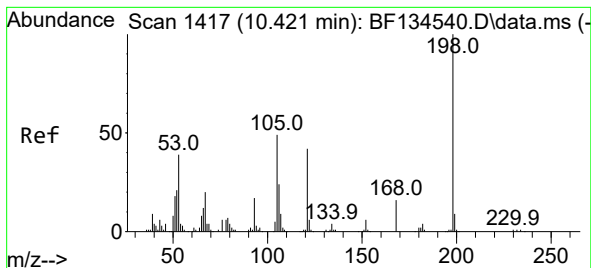
Tgt Ion: 77 Resp: 37818
Ion Ratio Lower Upper
77 100
182 1215.2 7.5 47.5#
105 35.8 1.9 41.9
51 85.4 13.2 53.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.018 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion: 188 Resp: 361031
Ion Ratio Lower Upper
188 100
94 13.9 5.1 7.7#
80 14.3 6.6 9.8#

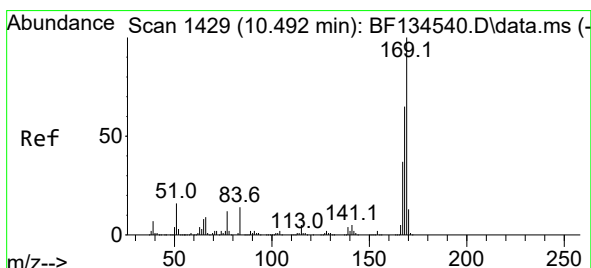
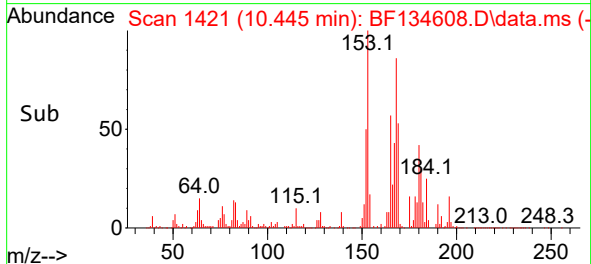
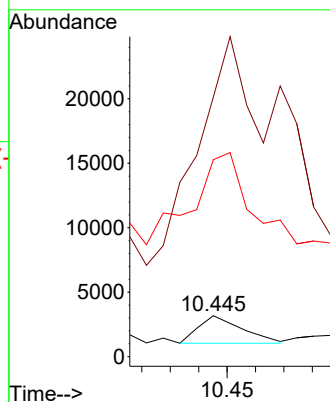
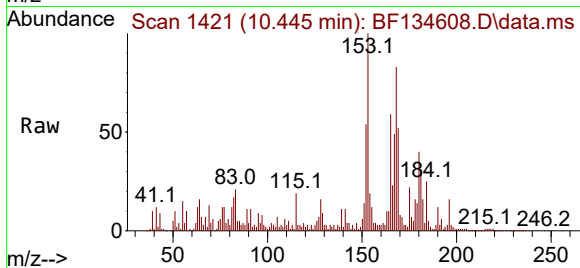




#65
4,6-Dinitro-2-methylphenol
Concen: 9.976 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.024 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

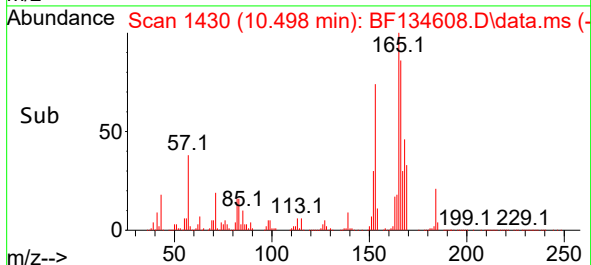
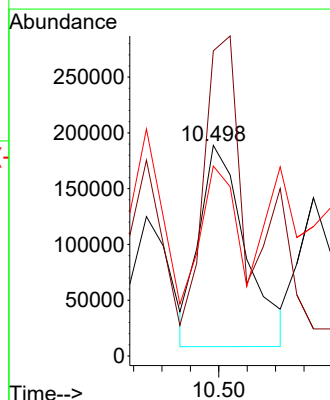
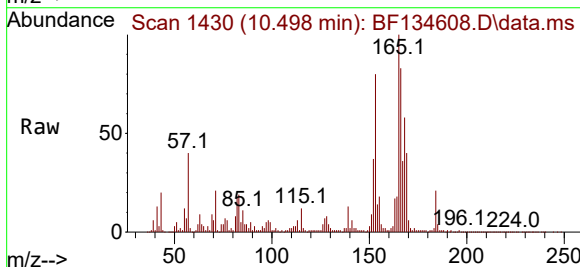
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

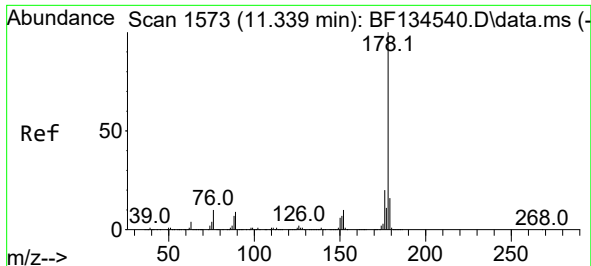
Tgt Ion:198 Resp: 2276
Ion Ratio Lower Upper
198 100
51 634.2 38.6 78.6#
105 481.3 27.9 67.9#



#66
n-Nitrosodiphenylamine
Concen: 17.773 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion:169 Resp: 204230
Ion Ratio Lower Upper
169 100
168 145.0 52.6 78.8#
167 90.2 29.8 44.8#

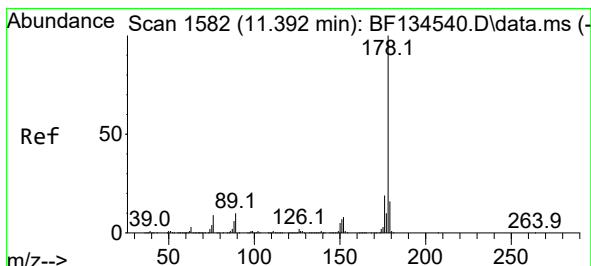
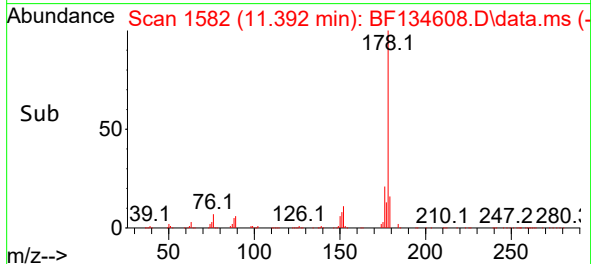
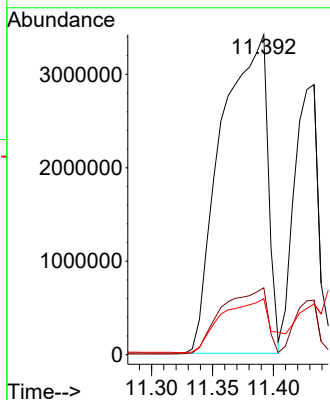
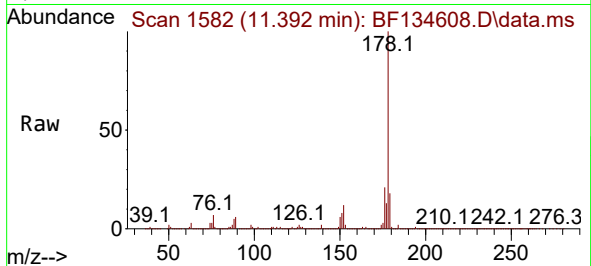




#71
Phenanthrene
Concen: 468.980 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.053 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

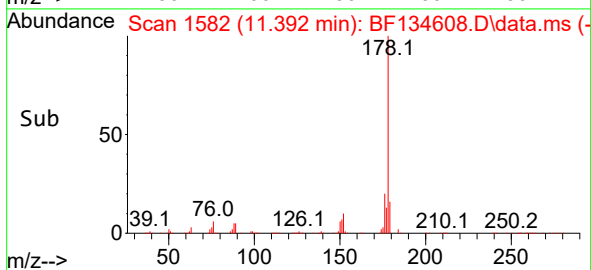
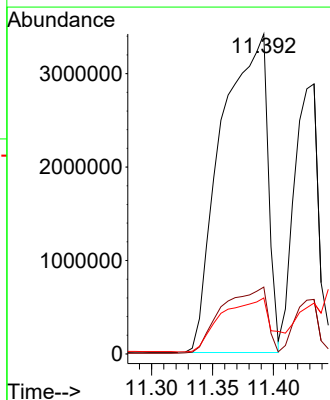
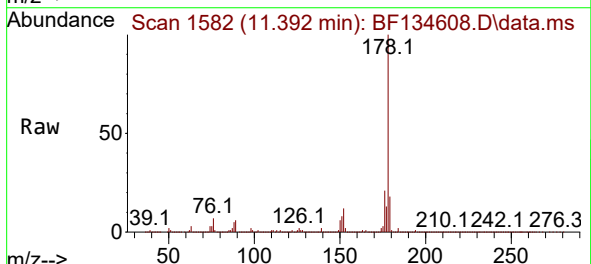
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

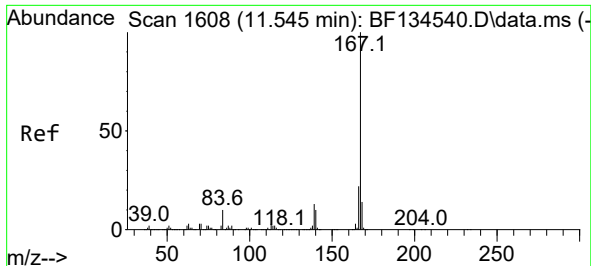
Tgt Ion:178 Resp: 8993386
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.6
179 17.5 12.7 19.1



#72
Anthracene
Concen: 459.131 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion:178 Resp: 8993386
Ion Ratio Lower Upper
178 100
176 20.9 14.6 21.8
179 17.5 12.3 18.5

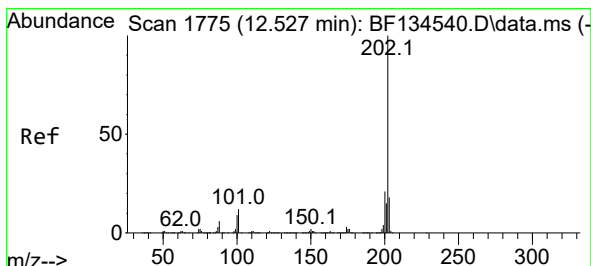
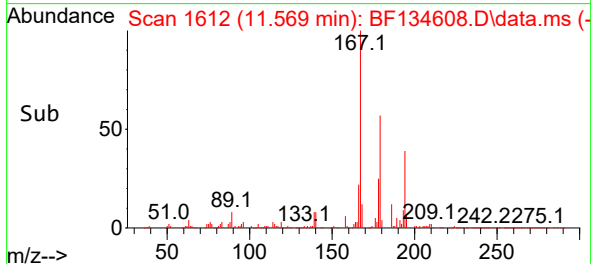
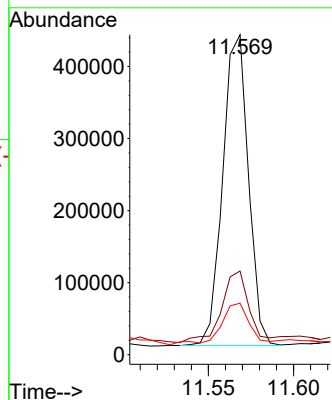
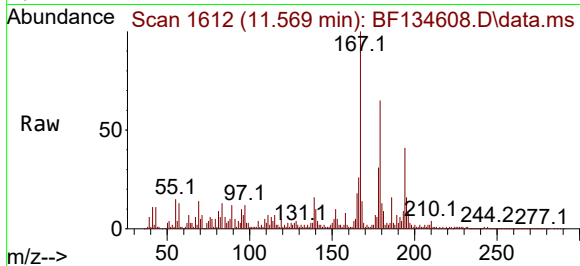




#73
 Carbazole
 Concen: 25.919 ng
 RT: 11.569 min Scan# 1
 Delta R.T. 0.024 min
 Lab File: BF134608.D
 Acq: 03 Aug 2023 13:02

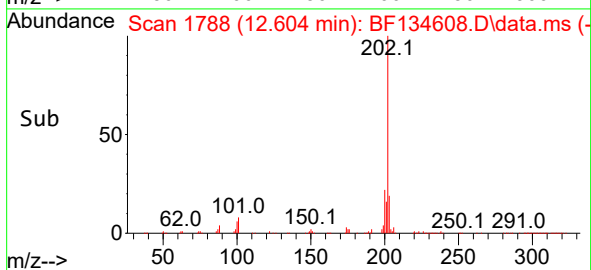
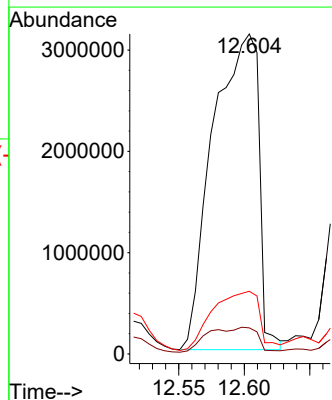
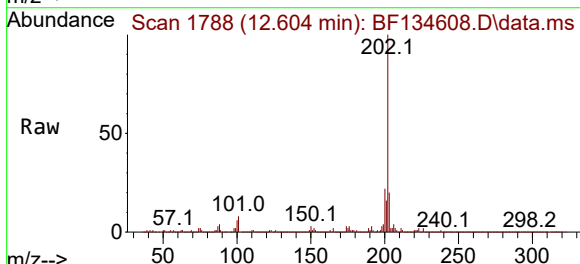
Instrument :
 BNA_F
 ClientSampleId :
 BUILDING-A-8-(0-5)

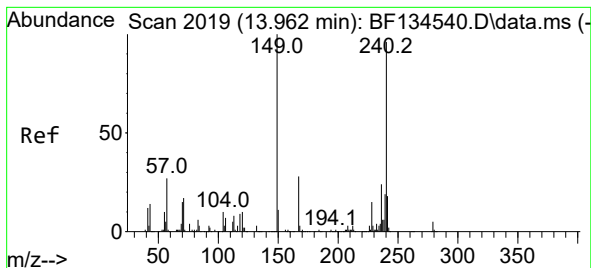
Tgt Ion:167 Resp: 453316
 Ion Ratio Lower Upper
 167 100
 166 26.2 17.5 26.3
 139 16.1 11.0 16.4



#75
 Fluoranthene
 Concen: 374.712 ng
 RT: 12.604 min Scan# 1788
 Delta R.T. 0.077 min
 Lab File: BF134608.D
 Acq: 03 Aug 2023 13:02

Tgt Ion:202 Resp: 7590311
 Ion Ratio Lower Upper
 202 100
 101 8.2 0.0 28.5
 203 19.6 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-8-(0-5)

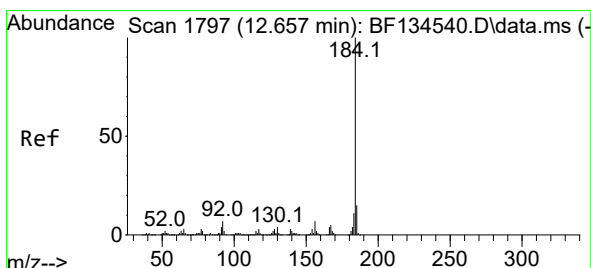
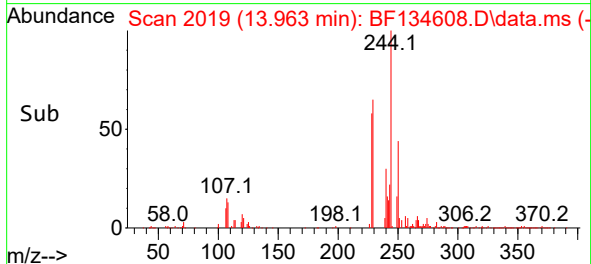
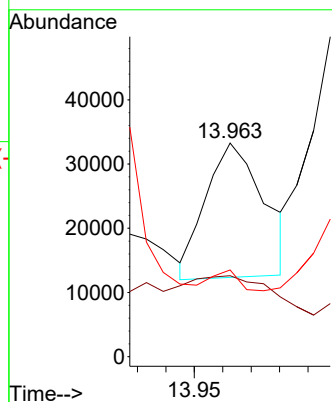
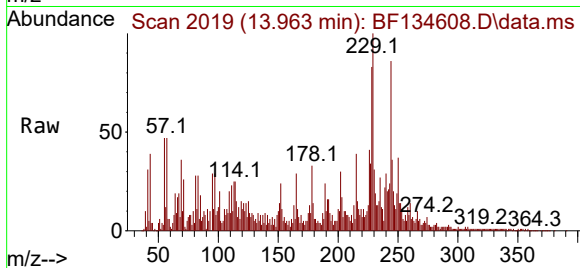
Tgt Ion:240 Resp: 29781

Ion Ratio Lower Upper

240 100

120 37.9 6.6 10.0#

236 40.6 20.2 30.2#



#77

Benzidine

Concen: 43.933 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.024 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

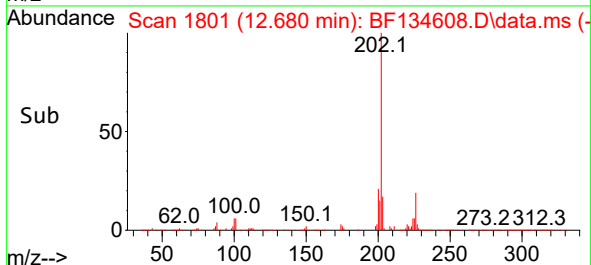
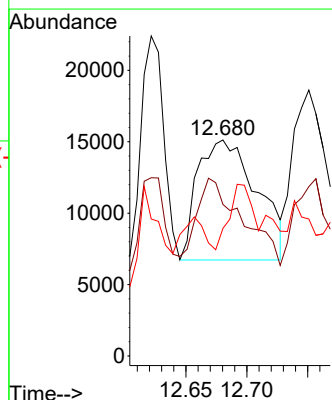
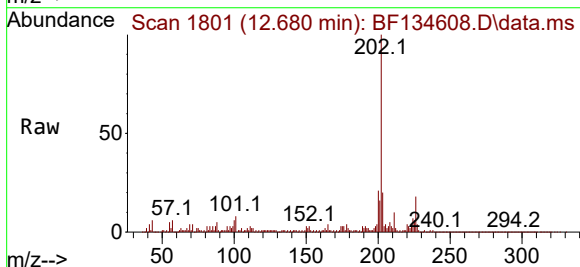
Tgt Ion:184 Resp: 28402

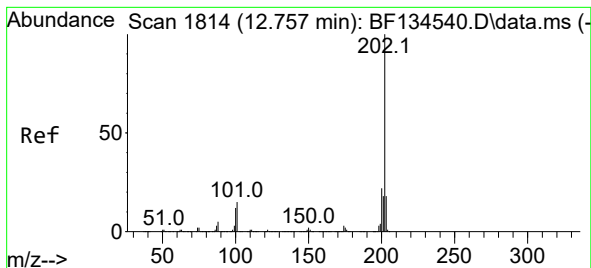
Ion Ratio Lower Upper

184 100

185 70.1 11.2 16.8#

183 59.0 8.6 13.0#





#78

Pyrene

Concen: 973.448 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.082 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-8-(0-5)

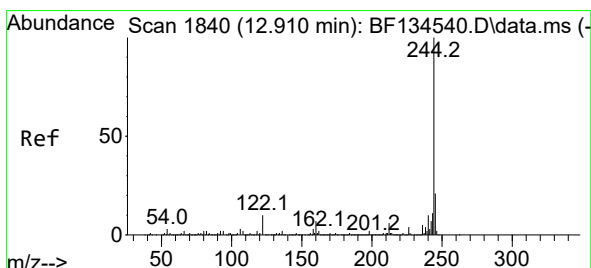
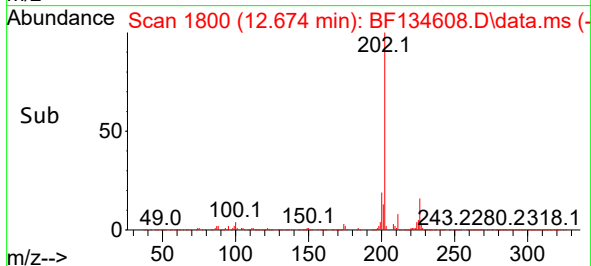
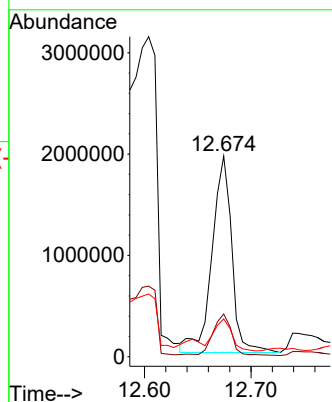
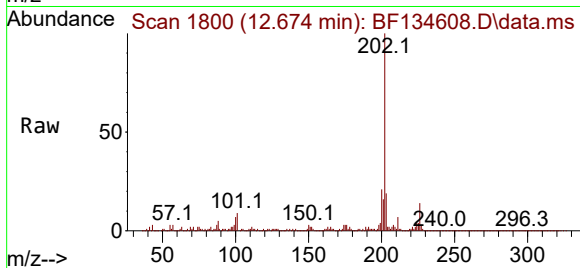
Tgt Ion:202 Resp: 2508570

Ion Ratio Lower Upper

202 100

200 21.3 15.8 23.8

203 18.8 13.5 20.3



#79

Terphenyl-d14

Concen: 520.348 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.030 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

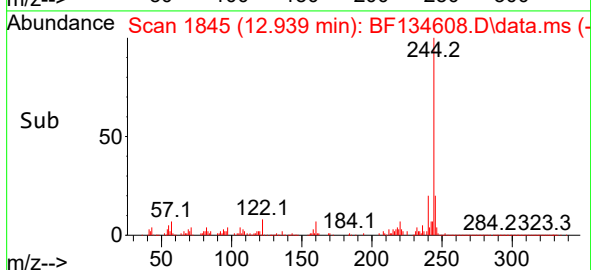
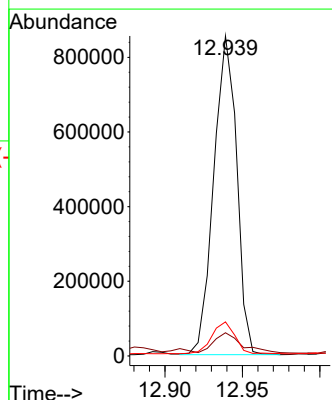
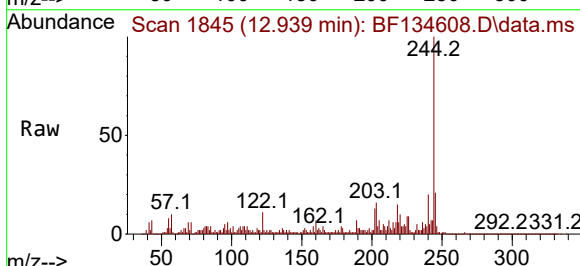
Tgt Ion:244 Resp: 879050

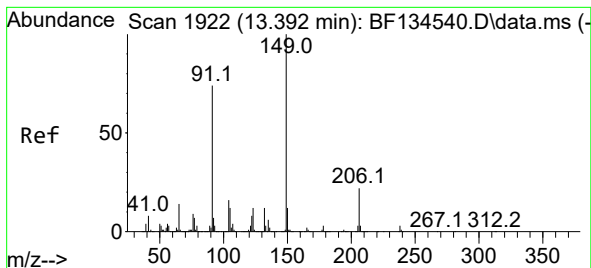
Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.7 8.0 12.0





#80

Butylbenzylphthalate

Concen: 3.881 ng

RT: 13.380 min Scan# 1922

Delta R.T. -0.012 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-8-(0-5)

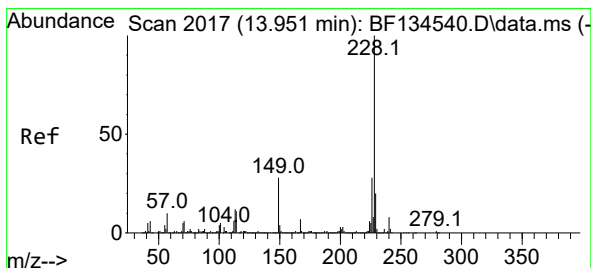
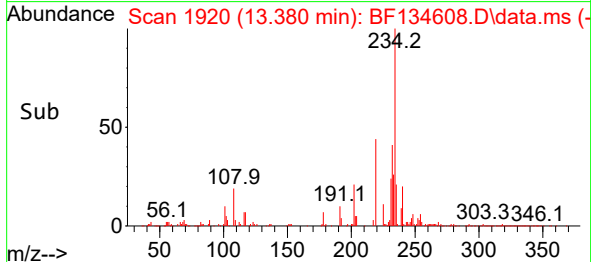
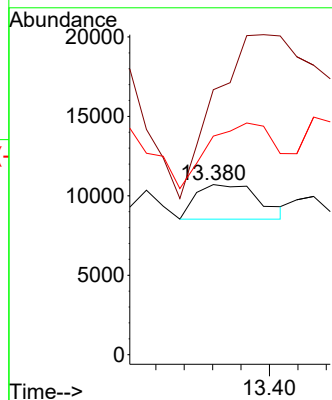
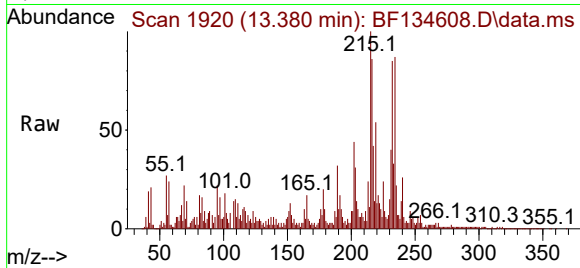
Tgt Ion:149 Resp: 3382

Ion Ratio Lower Upper

149 100

91 155.8 55.8 83.6#

206 128.5 14.6 21.8#



#81

Benzo(a)anthracene

Concen: 2555.385 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.047 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

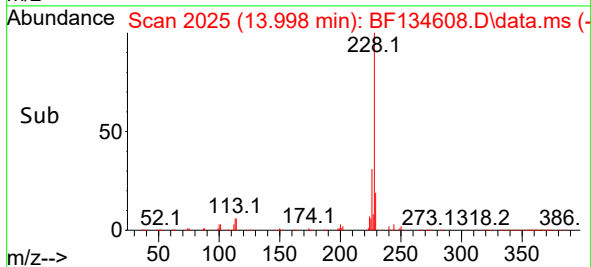
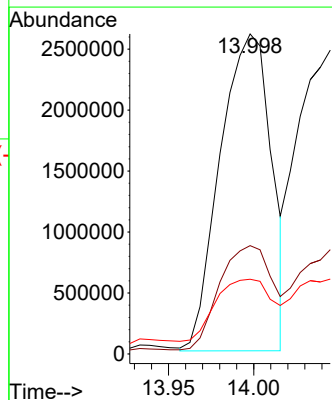
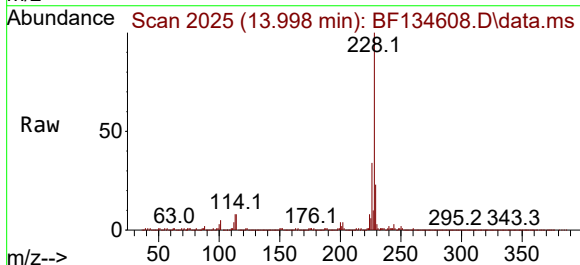
Tgt Ion:228 Resp: 5441649

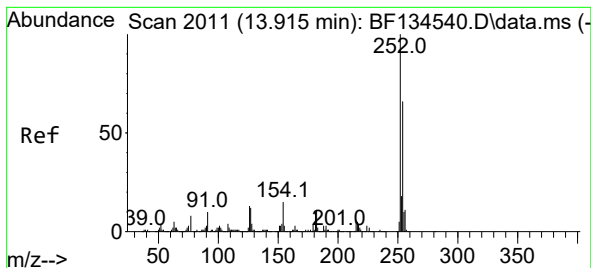
Ion Ratio Lower Upper

228 100

226 33.9 22.3 33.5#

229 23.4 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 9.631 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-8-(0-5)

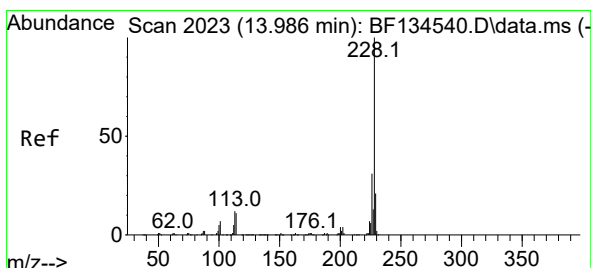
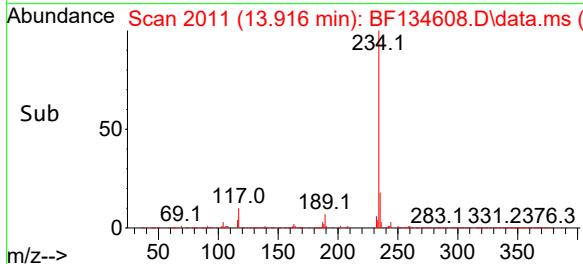
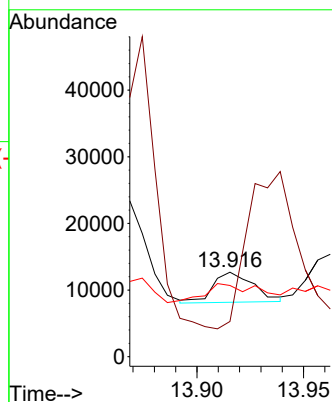
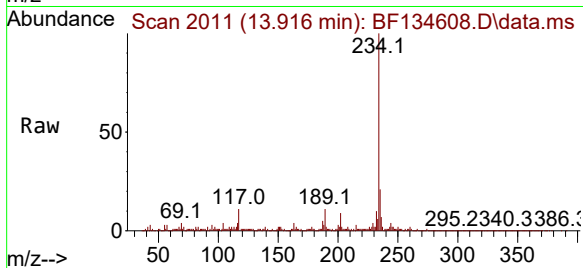
Tgt Ion:252 Resp: 5945

Ion Ratio Lower Upper

252 100

254 41.7 52.7 79.1#

126 84.2 7.2 10.8#



#83

Chrysene

Concen: 2622.889 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.012 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

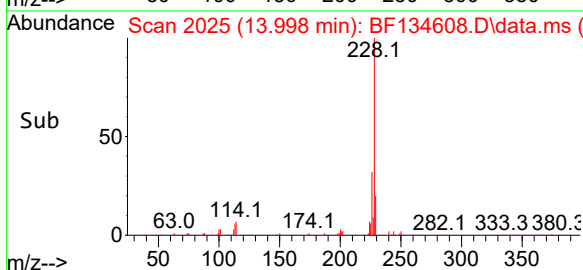
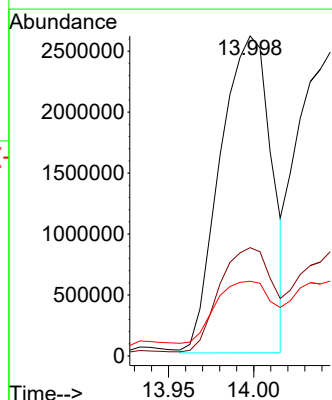
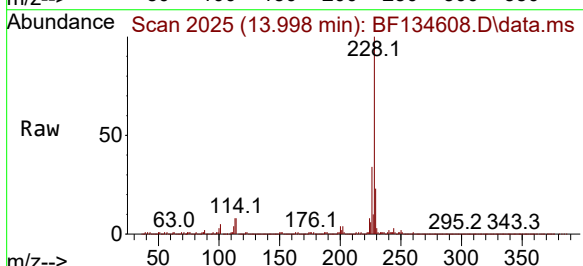
Tgt Ion:228 Resp: 5441649

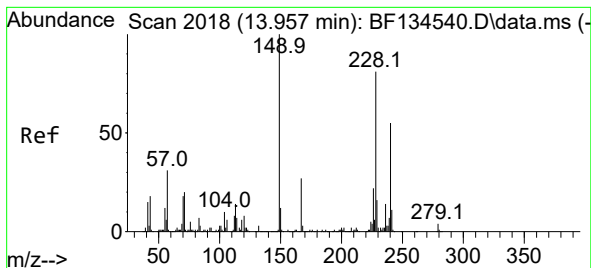
Ion Ratio Lower Upper

228 100

226 33.9 24.5 36.7

229 23.4 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 15.219 ng

RT: 13.980 min Scan# 2018

Delta R.T. 0.024 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-8-(0-5)

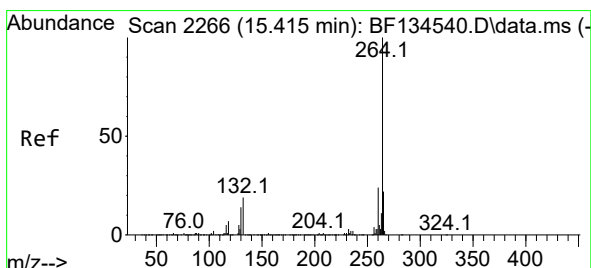
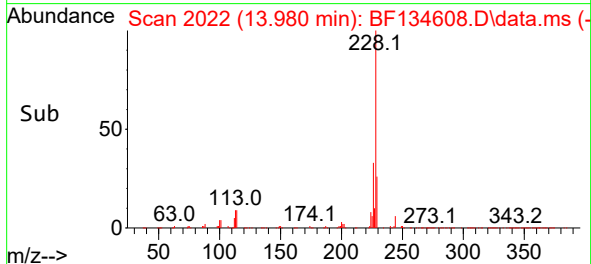
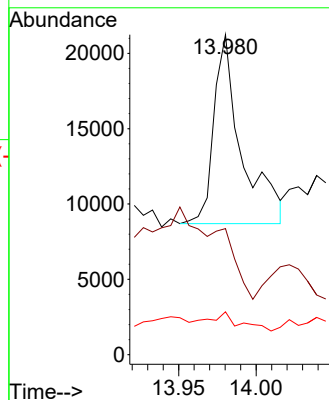
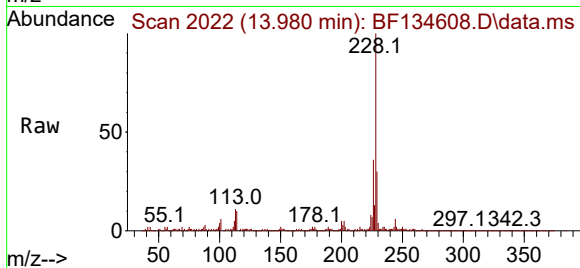
Tgt Ion:149 Resp: 15607

Ion Ratio Lower Upper

149 100

167 39.4 21.6 32.4#

279 13.4 3.5 5.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.030 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

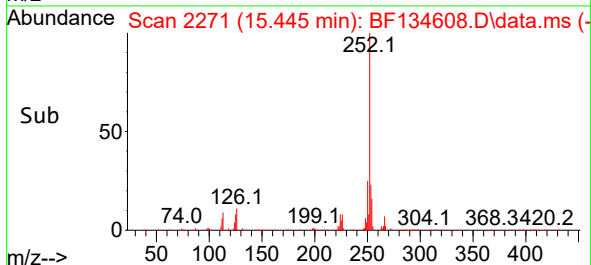
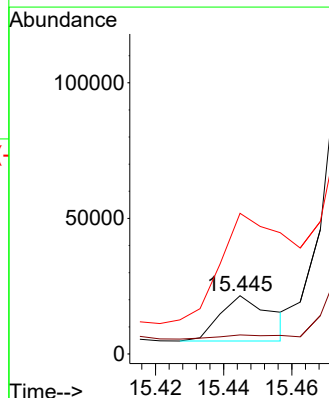
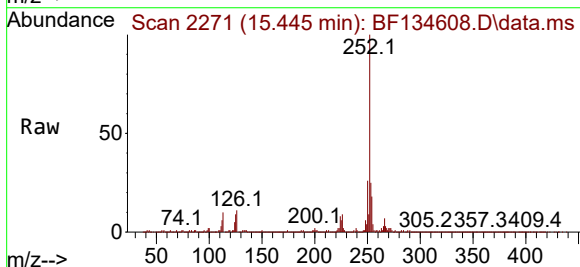
Tgt Ion:264 Resp: 17679

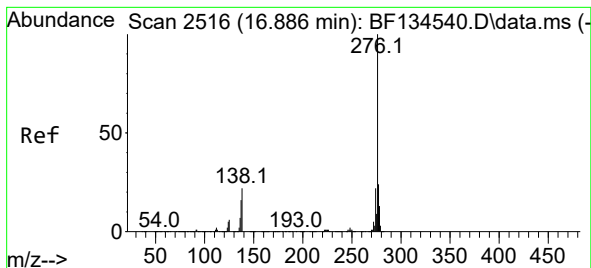
Ion Ratio Lower Upper

264 100

260 32.7 18.4 27.6#

265 241.2 15.8 23.8#





#87

Indeno(1,2,3-cd)pyrene

Concen: 145.085 ng

RT: 16.856 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-8-(0-5)

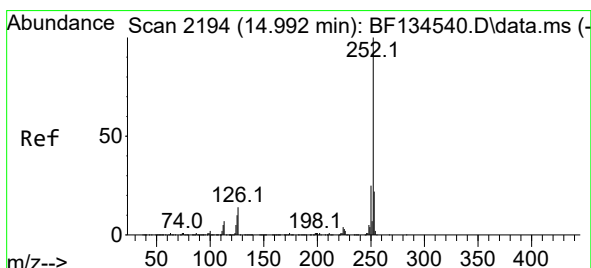
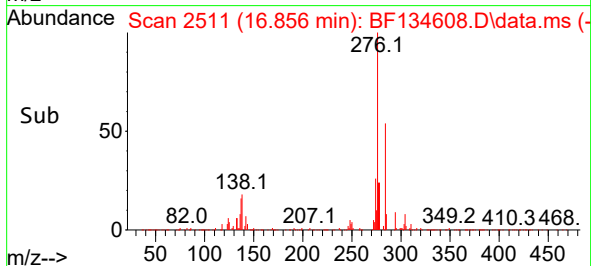
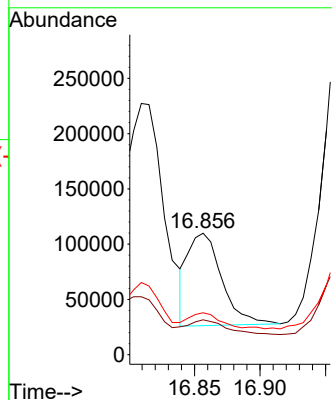
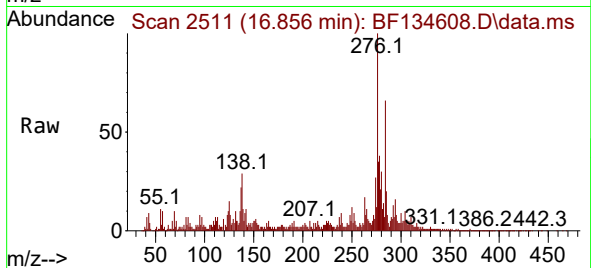
Tgt Ion:276 Resp: 150851

Ion Ratio Lower Upper

276 100

138 20.6 14.2 21.4

277 29.5 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 5475.083 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.071 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

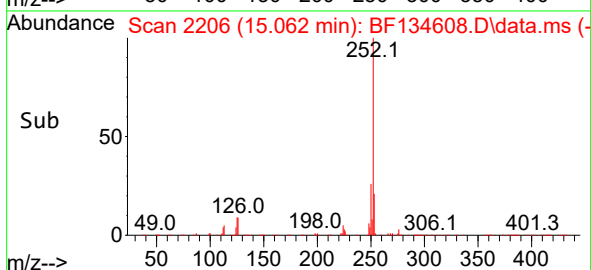
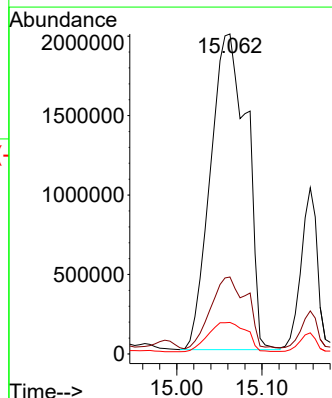
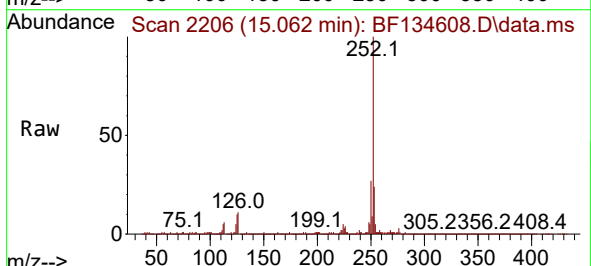
Tgt Ion:252 Resp: 5903368

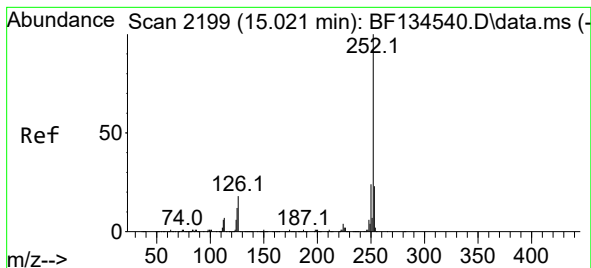
Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

125 9.9 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 5496.151 ng

RT: 15.062 min Scan# 2199

Delta R.T. 0.041 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-8-(0-5)

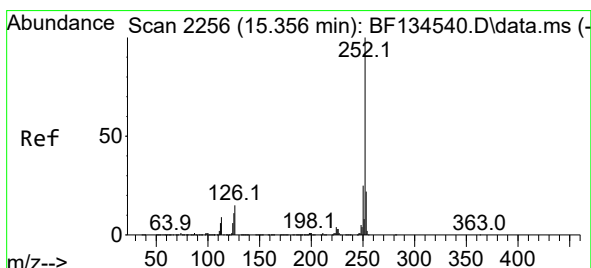
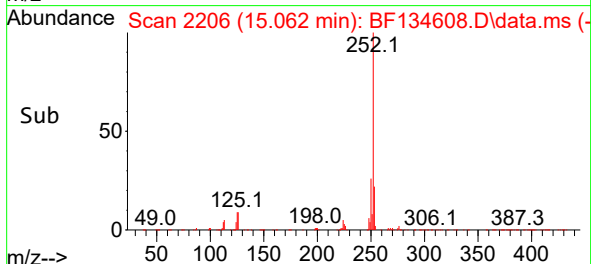
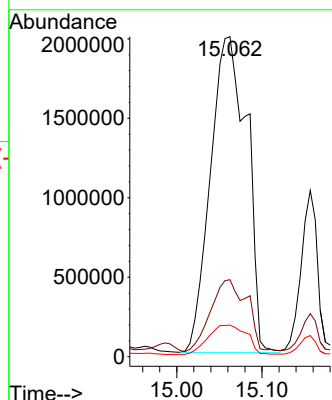
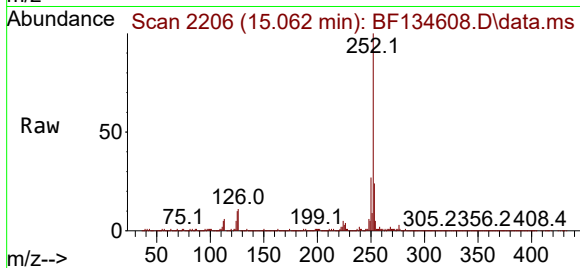
Tgt Ion:252 Resp: 5903368

Ion Ratio Lower Upper

252 100

253 24.0 17.9 26.9

125 9.9 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 4727.700 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.082 min

Lab File: BF134608.D

Acq: 03 Aug 2023 13:02

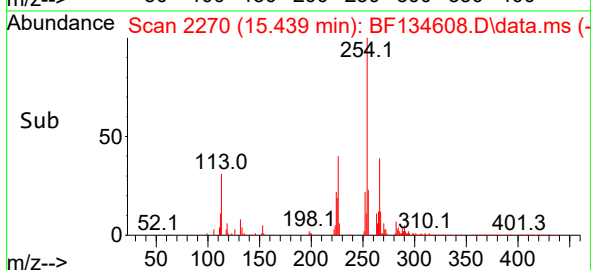
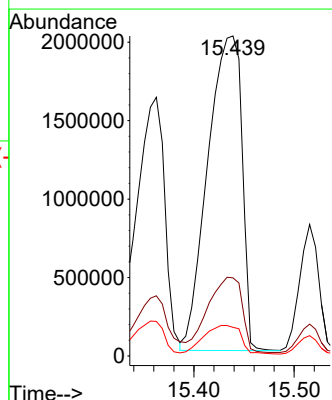
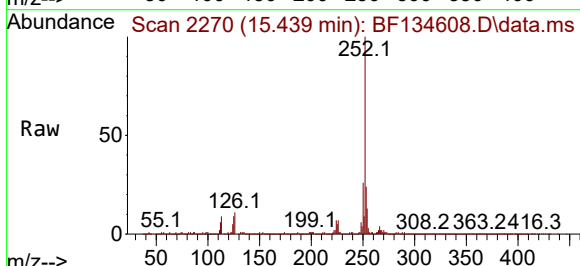
Tgt Ion:252 Resp: 4752836

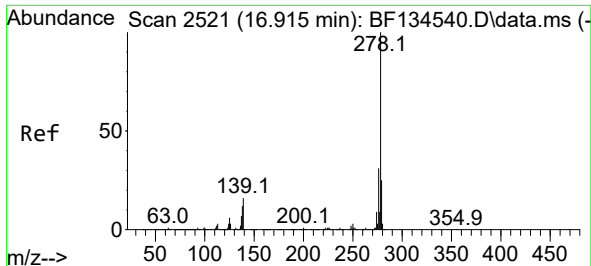
Ion Ratio Lower Upper

252 100

253 24.4 17.0 25.4

125 8.9 6.2 9.4

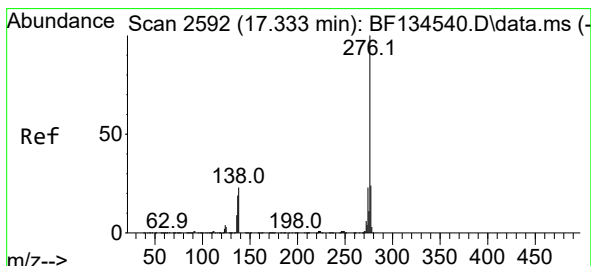
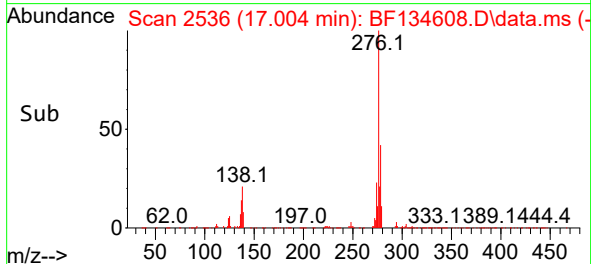
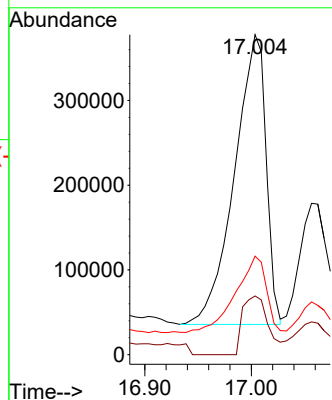
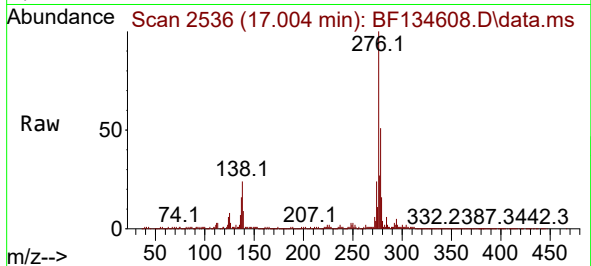




#91
Dibenzo(a,h)anthracene
Concen: 837.133 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)

Tgt Ion:278 Resp: 703424
Ion Ratio Lower Upper
278 100
139 18.4 10.0 15.0#
279 30.8 19.7 29.5#



#92
Benzo(g,h,i)perylene
Concen: 2914.060 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.130 min
Lab File: BF134608.D
Acq: 03 Aug 2023 13:02

Tgt Ion:276 Resp: 2497750
Ion Ratio Lower Upper
276 100
277 24.7 19.0 28.6
138 22.3 12.2 18.2#

