

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134609.D
 Acq On : 03 Aug 2023 13:33
 Operator : CG\JU
 Sample : 03775-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 04 01:07:30 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	6.804	152	159968	20.000	ng	0.01
21) Naphthalene-d8	8.092	136	166234	20.000	ng	# 0.02
39) Acenaphthene-d10	9.851	164	230577	20.000	ng	# 0.02
64) Phenanthrene-d10	11.345	188	220947	20.000	ng	# 0.03
76) Chrysene-d12	13.980	240	34301	20.000	ng	# 0.02
86) Perylene-d12	15.510	264	254748	20.000	ng	# 0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	247957	23.562	ng	0.00
7) Phenol-d6	6.428	99	523989	38.952	ng	0.00
23) Nitrobenzene-d5	7.363	82	292005	109.774	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	49796	21.185	ng	0.04
45) 2-Fluorobiphenyl	9.163	172	491538	35.445	ng	0.01
79) Terphenyl-d14	12.957	244	353490	181.673	ng	0.05
Target Compounds						
						Qvalue
9) Benzaldehyde	6.363	77	69284	7.489	ng	# 1
10) Phenol	6.440	94	34263	2.585	ng	89
18) Hexachloroethane	7.304	117	299341	77.482	ng	# 5
20) 3+4-Methylphenols	7.198	107	23721	2.097	ng	# 72
22) Acetophenone	7.192	105	114369	29.802	ng	# 54
24) Nitrobenzene	7.416	77	109536	38.116	ng	# 6
25) Isophorone	7.698	82	25721	4.433	ng	# 66
26) 2-Nitrophenol	7.722	139	2676	6.762	ng	# 1
27) 2,4-Dimethylphenol	7.881	122	7029	2.715	ng	97
28) bis(2-Chloroethoxy)met...	7.834	93	12050	3.472	ng	# 89
31) Naphthalene	8.204	128	29390102	3517.831	ng	# 86
32) Benzoic acid	7.851	122	4597	10.143	ng	# 1
33) 4-Chloroaniline	8.204	127	4893600	1314.572	ng	# 37
35) Caprolactam	8.551	113	4104	5.414	ng	# 68
37) 2-Methylnaphthalene	8.869	142	13195150	2382.763	ng	99
38) 1-Methylnaphthalene	8.869	142	13195150	2562.407	ng	100
46) 1,1'-Biphenyl	9.286	154	4920844	274.442	ng	97
47) 2-Chloronaphthalene	9.345	162	1060632	78.944	ng	# 46
48) 2-Nitroaniline	9.345	65	46614	13.561	ng	# 22
49) Acenaphthylene	9.739	152	8221081	389.279	ng	# 95
50) Dimethylphthalate	9.581	163	41556	2.644	ng	# 46
51) 2,6-Dinitrotoluene	9.569	165	72066	23.713	ng	# 67
52) Acenaphthene	9.886	154	1430976	104.558	ng	92
54) 2,4-Dinitrophenol	9.910	184	3446	10.315	ng	# 1
55) Dibenzofuran	10.069	168	1380263	70.846	ng	# 88
56) 4-Nitrophenol	9.963	139	104729	36.556	ng	# 23
57) 2,4-Dinitrotoluene	10.034	165	251181	63.600	ng	# 51
58) Fluorene	10.445	166	6439891	453.806	ng	92
62) 4-Nitroaniline	10.445	138	73507	21.410	ng	# 21
63) Azobenzene	10.563	77	75594	4.723	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.463	198	7453	15.532	ng	# 1
66) n-Nitrosodiphenylamine	10.522	169	284968	40.521	ng	# 44
69) Atrazine	11.028	200	4355	2.298	ng	# 1
71) Phenanthrene	11.457	178	22581936	1924.191	ng	# 91
72) Anthracene	11.457	178	22581936	1883.784	ng	# 89
73) Carbazole	11.592	167	1160143	108.391	ng	# 91

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134609.D
 Acq On : 03 Aug 2023 13:33
 Operator : CG\JU
 Sample : 03775-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 04 01:07:30 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)

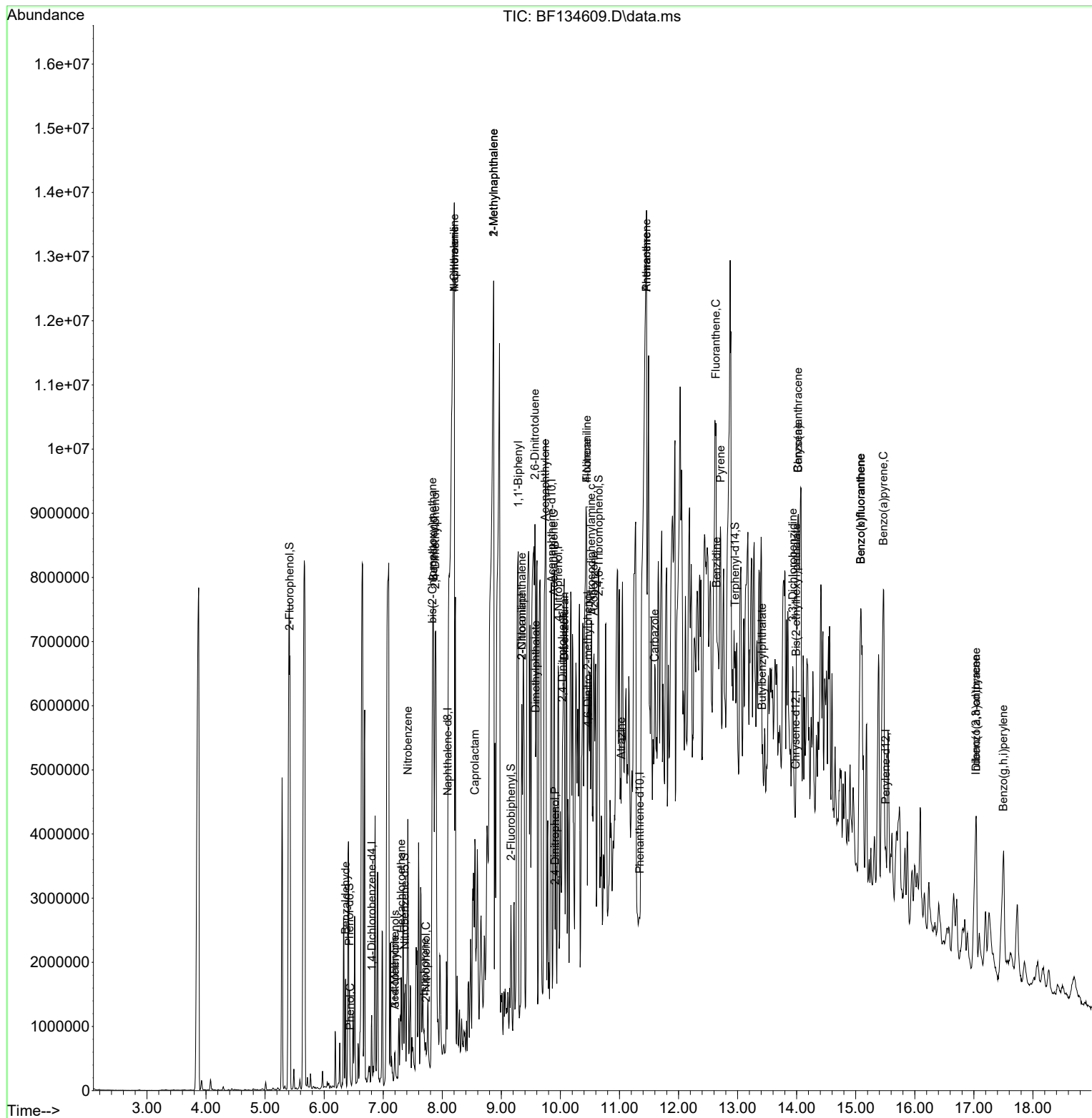
75) Fluoranthene	12.633	202	9192953	741.565	ng	95
77) Benzidine	12.645	184	42583	57.189	ng #	13
78) Pyrene	12.710	202	4341961	1462.868	ng	95
80) Butylbenzylphthalate	13.416	149	7064	7.038	ng #	1
81) Benzo(a)anthracene	14.021	228	6408862	2612.999	ng #	86
82) 3,3'-Dichlorobenzidine	13.933	252	4636	6.521	ng #	47
83) Chrysene	14.021	228	6408862	2682.025	ng #	90
84) Bis(2-ethylhexyl)phtha...	13.992	149	7070	5.986	ng #	50
87) Indeno(1,2,3-cd)pyrene	17.033	276	2354611	157.159	ng	95
88) Benzo(b)fluoranthene	15.086	252	6647139	427.831	ng #	95
89) Benzo(k)fluoranthene	15.086	252	6647139	429.478	ng	97
90) Benzo(a)pyrene	15.468	252	6223676	429.626	ng	94
91) Dibenzo(a,h)anthracene	17.039	278	762125	62.943	ng #	86
92) Benzo(g,h,i)perylene	17.498	276	2565888	207.747	ng #	91

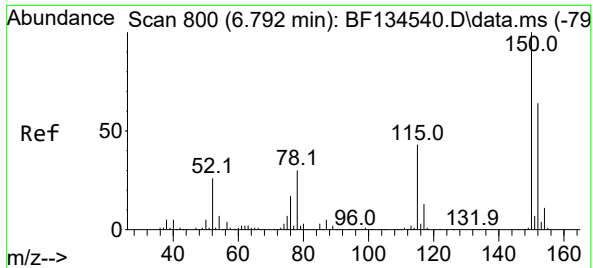
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134609.D
Acq On : 03 Aug 2023 13:33
Operator : CG\JU
Sample : 03775-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 04 01:07:30 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

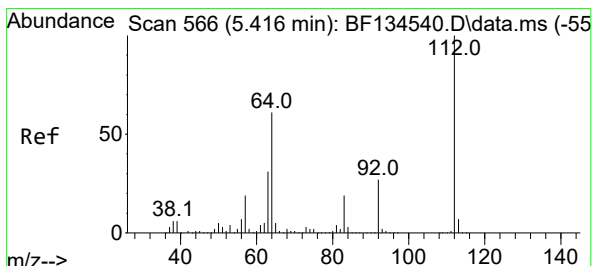
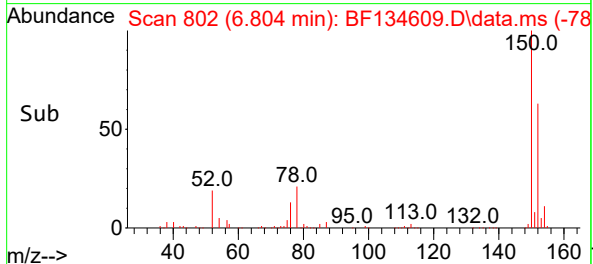
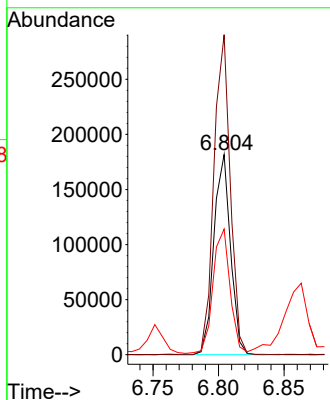
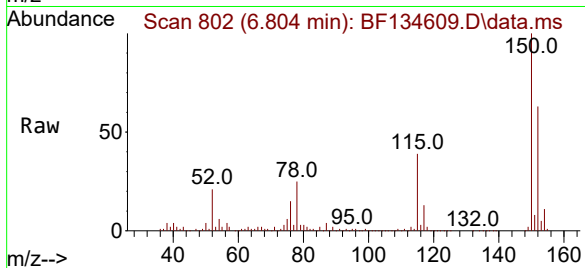




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 800
Delta R.T. 0.012 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

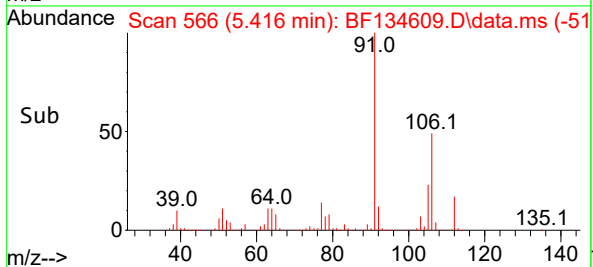
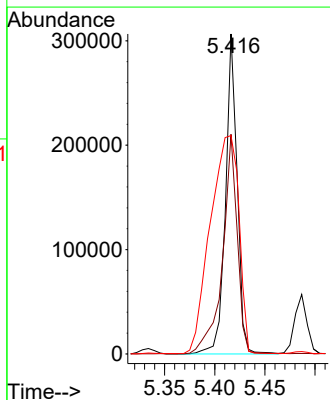
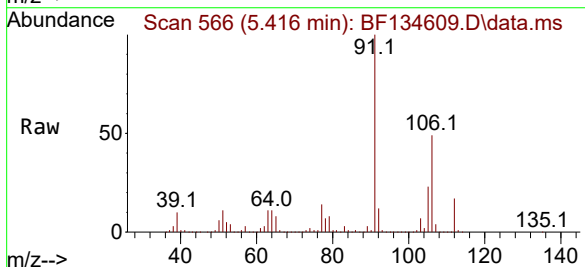
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

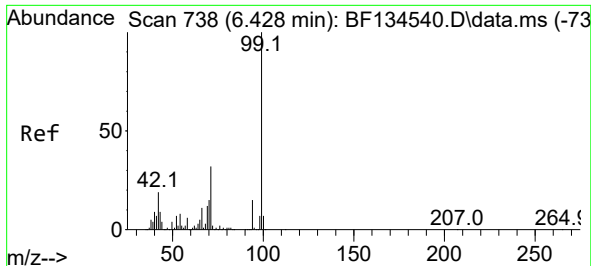
Tgt Ion:152 Resp: 159968
Ion Ratio Lower Upper
152 100
150 159.8 128.3 192.5
115 62.7 52.4 78.6



#5
2-Fluorophenol
Concen: 23.562 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion:112 Resp: 247957
Ion Ratio Lower Upper
112 100
64 68.6 44.9 67.3#
63 68.3 25.4 38.0#

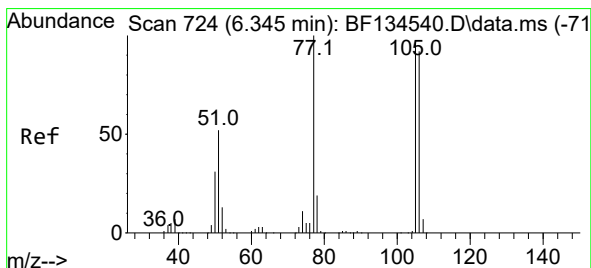
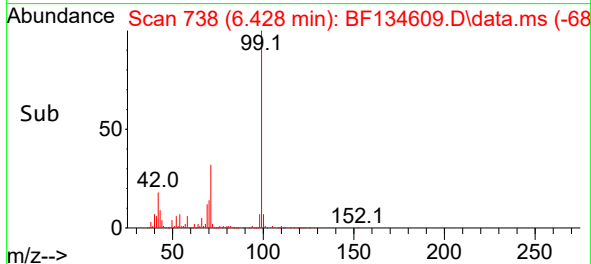
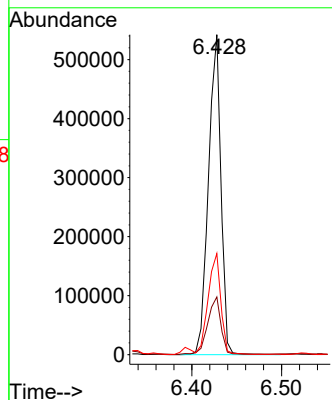
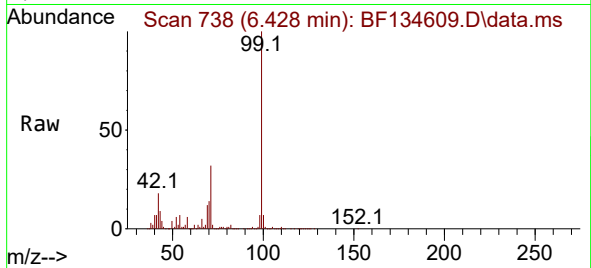




#7
Phenol-d6
Concen: 38.952 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

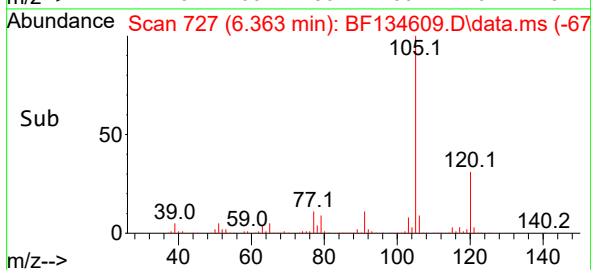
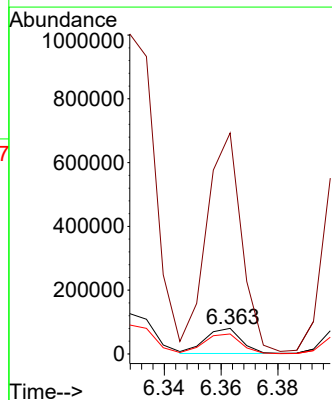
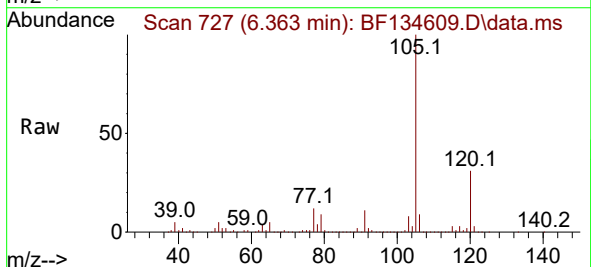
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

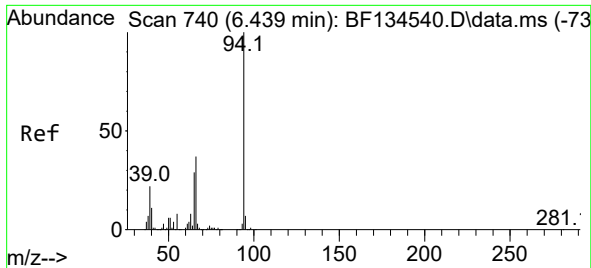
Tgt Ion: 99 Resp: 523989
Ion Ratio Lower Upper
99 100
42 18.1 18.7 28.1#
71 31.6 36.4 54.6#



#9
Benzaldehyde
Concen: 7.489 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.018 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion: 77 Resp: 69284
Ion Ratio Lower Upper
77 100
105 865.7 77.1 117.1#
106 78.6 71.4 111.4

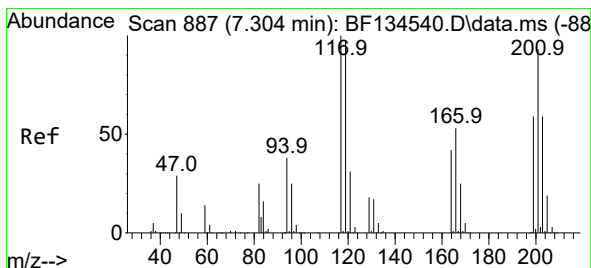
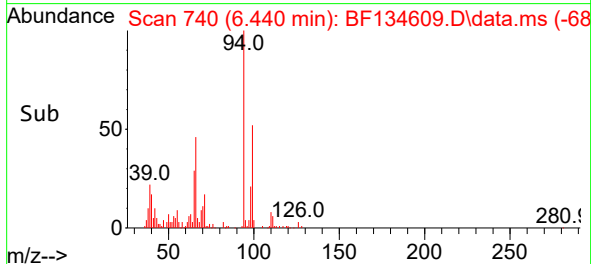
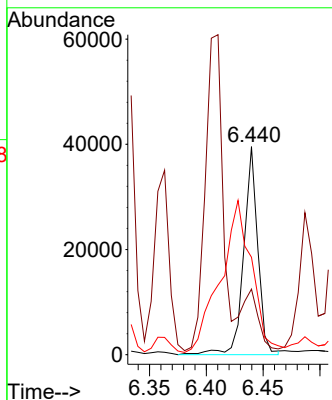
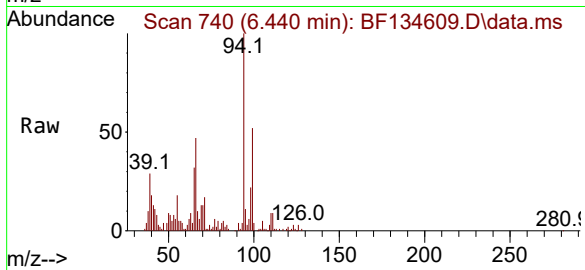




#10
Phenol
Concen: 2.585 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

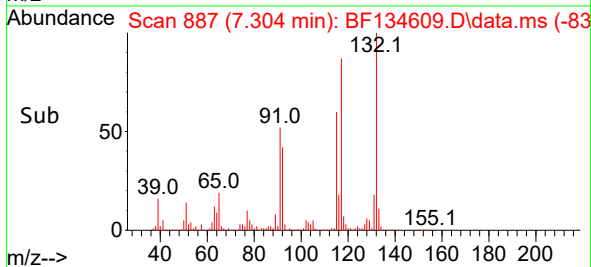
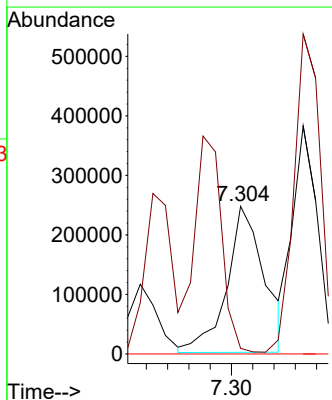
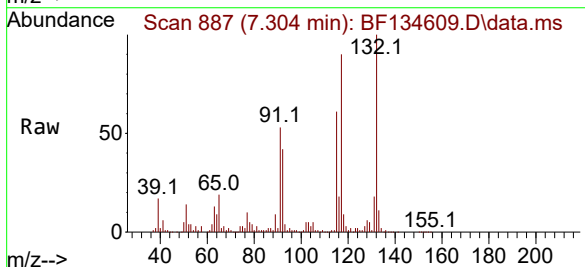
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

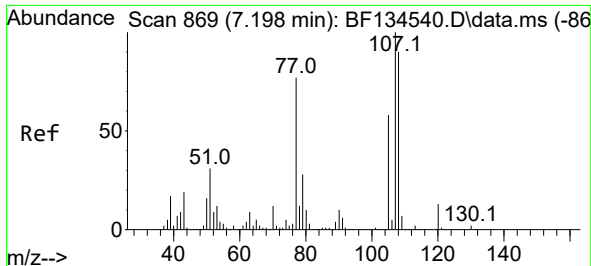
Tgt Ion: 94 Resp: 34263
Ion Ratio Lower Upper
94 100
65 31.6 17.8 57.8
66 46.9 35.2 75.2



#18
Hexachloroethane
Concen: 77.482 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion: 117 Resp: 299341
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.8#
201 0.0 73.6 110.4#





#20

3+4-Methylphenols

Concen: 2.097 ng

RT: 7.198 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF134609.D

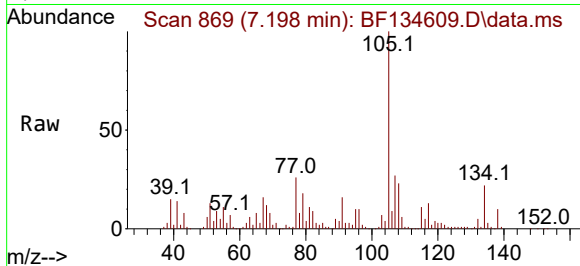
Acq: 03 Aug 2023 13:33

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)



Tgt Ion:107 Resp: 23721

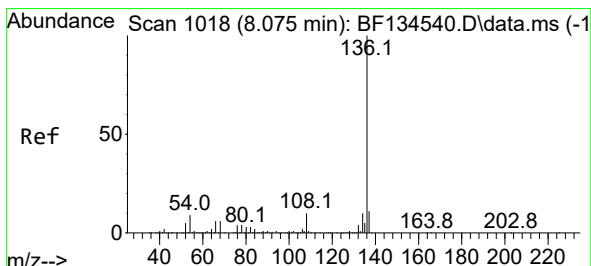
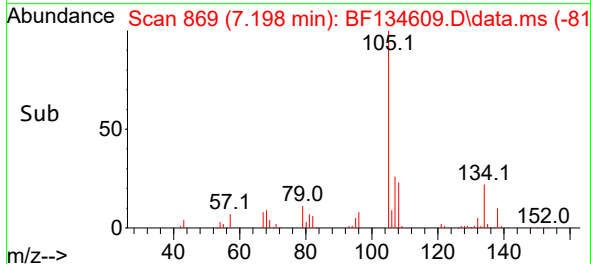
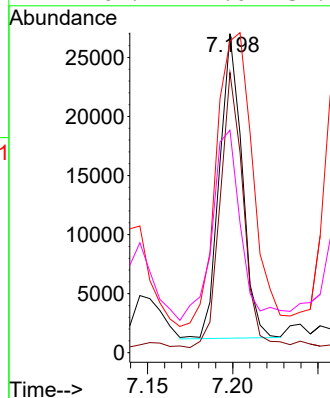
Ion Ratio Lower Upper

107 100

108 87.8 68.1 108.1

77 97.7 122.1 162.1#

79 69.7 11.0 51.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.018 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

Tgt Ion:136 Resp: 166234

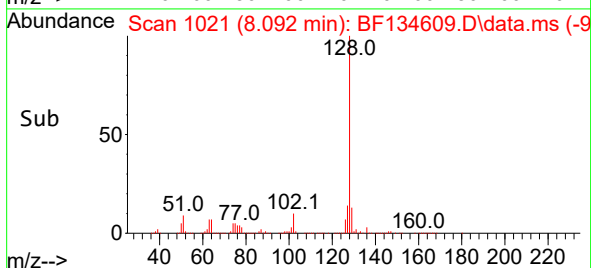
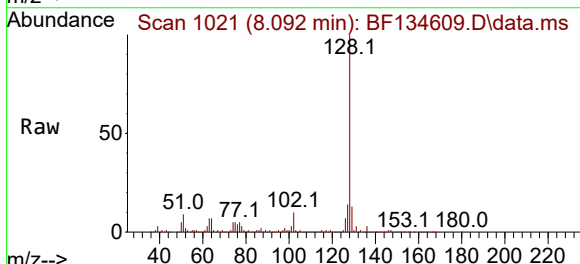
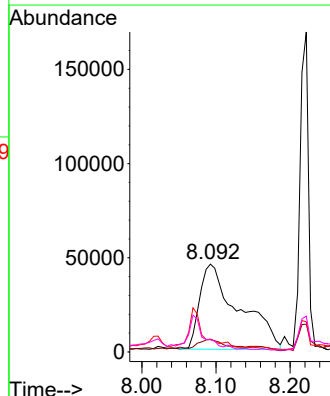
Ion Ratio Lower Upper

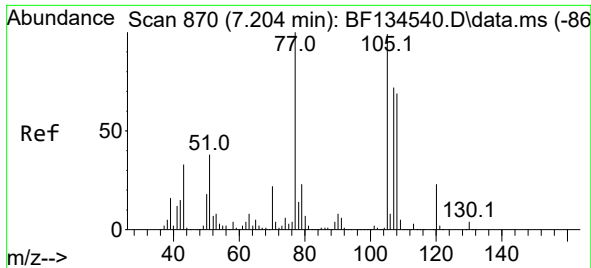
136 100

137 14.4 8.4 12.6#

54 14.5 5.2 7.8#

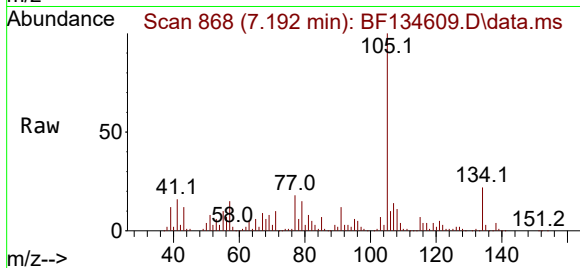
68 13.8 2.9 4.3#



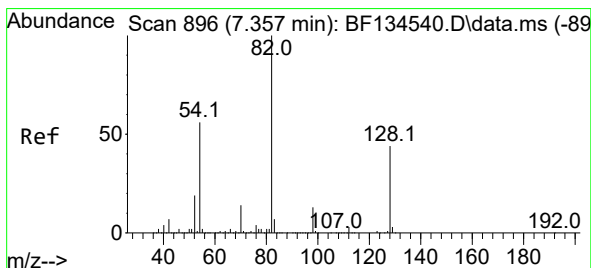
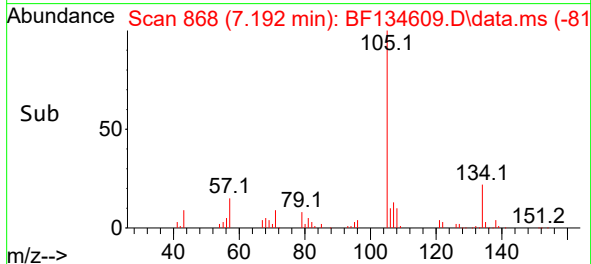
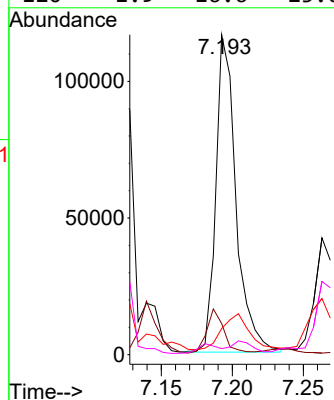


#22
Acetophenone
Concen: 29.802 ng
RT: 7.192 min Scan# 810
Delta R.T. -0.012 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

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

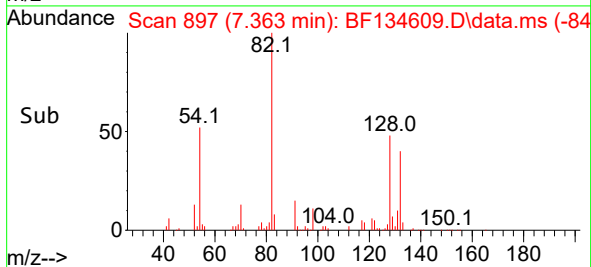
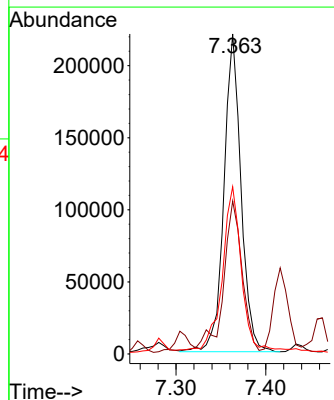
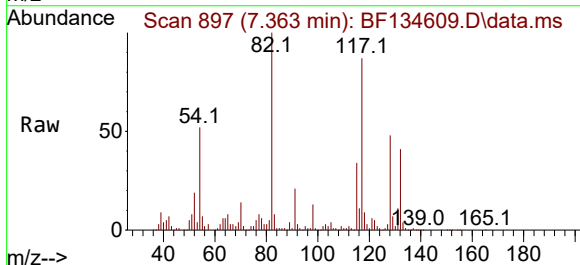


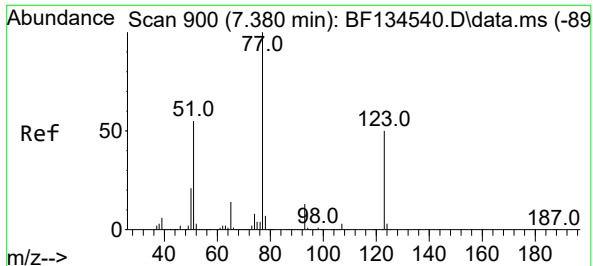
Tgt Ion:105 Resp: 114369
Ion Ratio Lower Upper
105 100
71 9.8 7.4 11.0
51 8.2 36.4 54.6#
120 1.9 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 109.774 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.006 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion: 82 Resp: 292005
Ion Ratio Lower Upper
82 100
128 47.8 34.3 51.5
54 52.3 43.8 65.6





#24

Nitrobenzene

Concen: 38.116 ng

RT: 7.416 min Scan# 900

Delta R.T. 0.036 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)

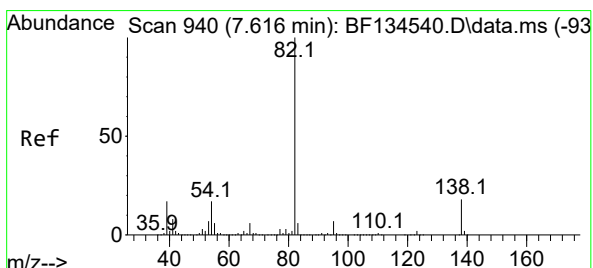
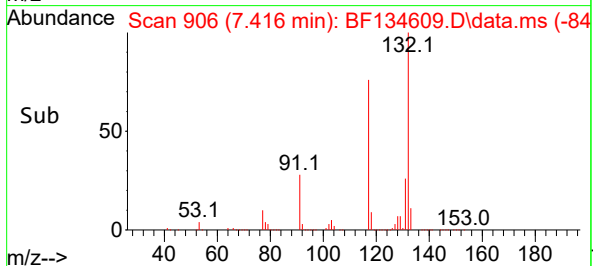
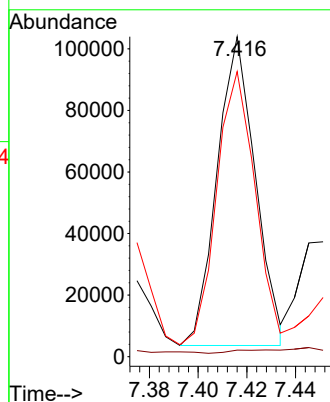
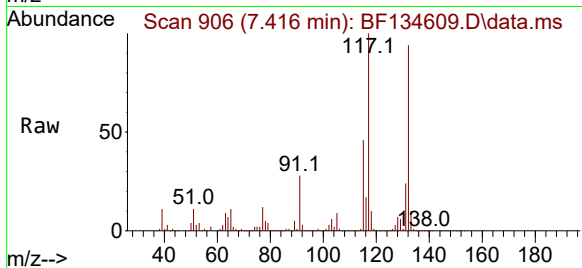
Tgt Ion: 77 Resp: 109536

Ion Ratio Lower Upper

77 100

123 2.0 35.5 53.3#

65 89.1 11.9 17.9#



#25

Isophorone

Concen: 4.433 ng

RT: 7.698 min Scan# 954

Delta R.T. 0.083 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

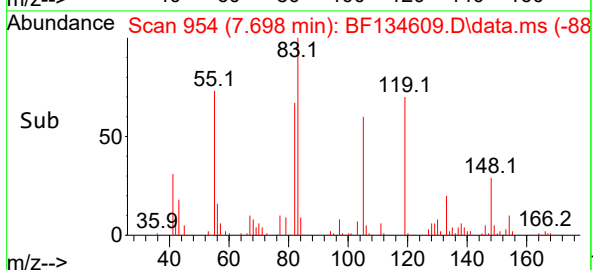
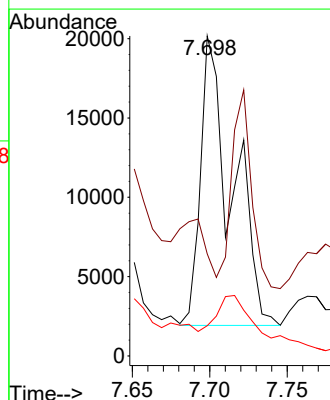
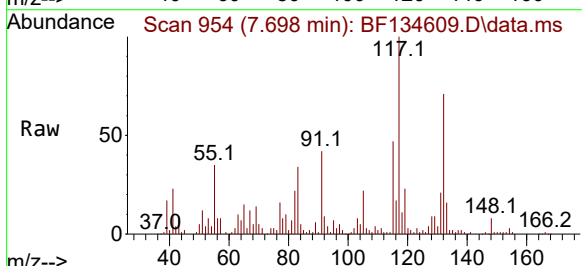
Tgt Ion: 82 Resp: 25721

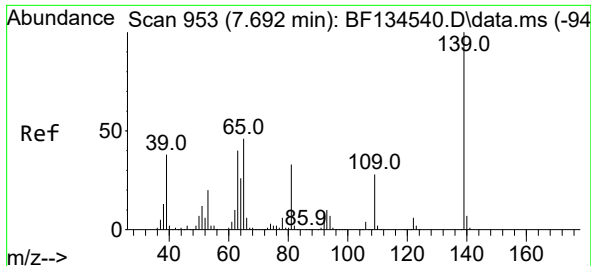
Ion Ratio Lower Upper

82 100

95 31.9 6.0 9.0#

138 9.5 14.6 22.0#

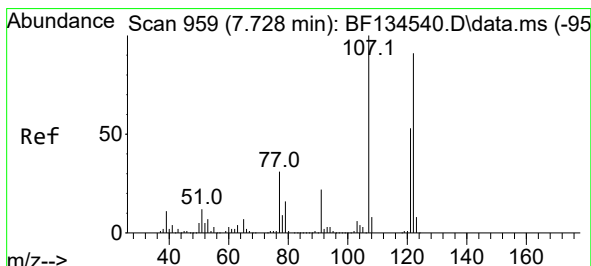
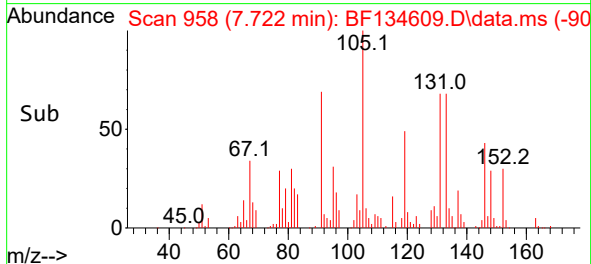
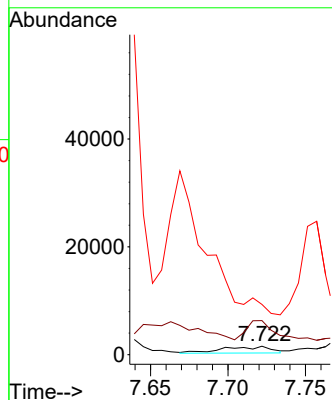
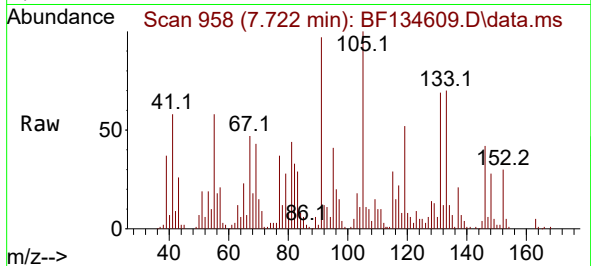




#26
2-Nitrophenol
Concen: 6.762 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.030 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

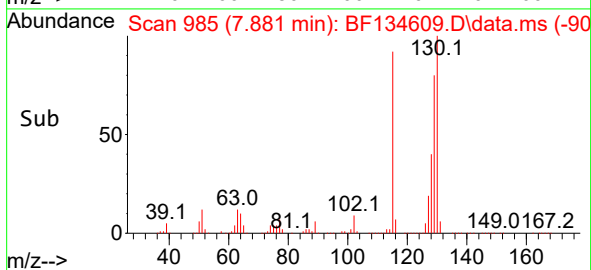
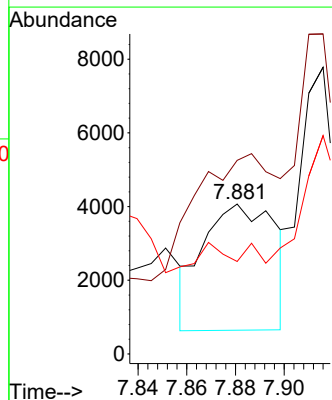
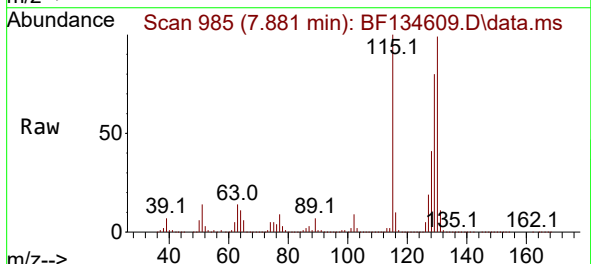
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

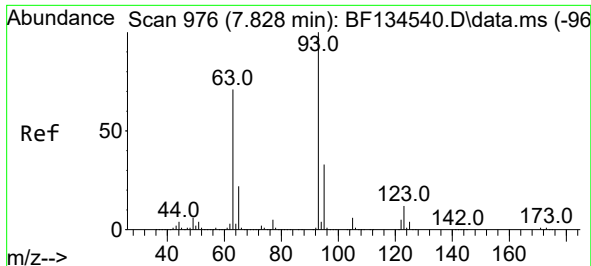
Tgt Ion:139 Resp: 2676
Ion Ratio Lower Upper
139 100
109 401.5 29.8 44.6#
65 590.4 45.4 68.2#



#27
2,4-Dimethylphenol
Concen: 2.715 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.153 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion:122 Resp: 7029
Ion Ratio Lower Upper
122 100
107 129.2 106.7 160.1
121 61.7 49.0 73.6

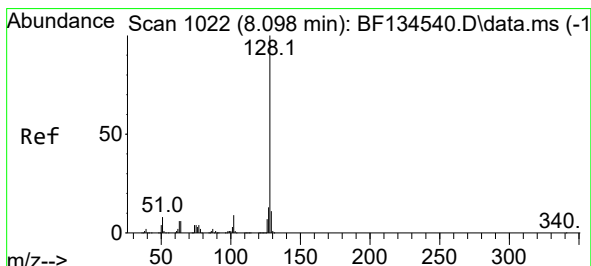
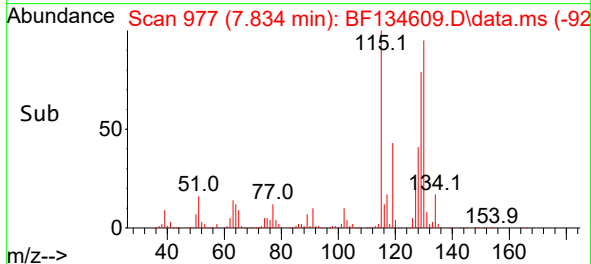
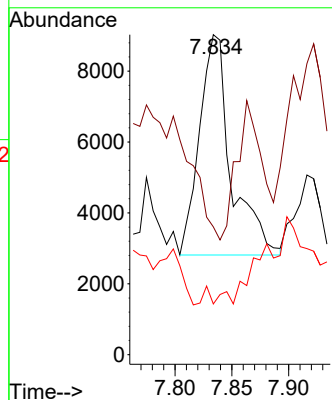
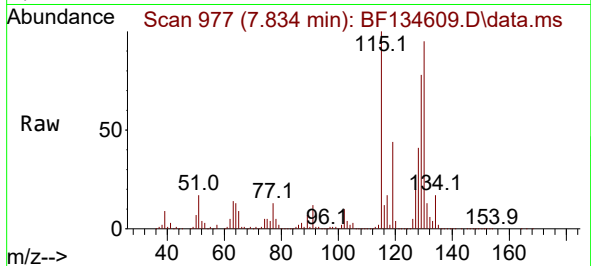




#28
bis(2-Chloroethoxy)methane
Concen: 3.472 ng
RT: 7.834 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

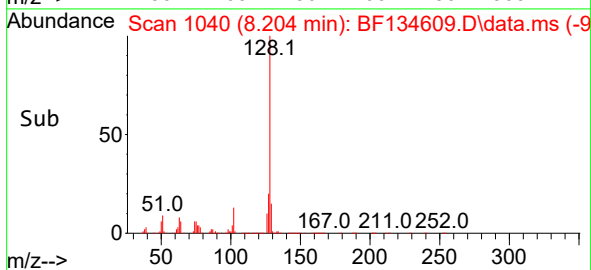
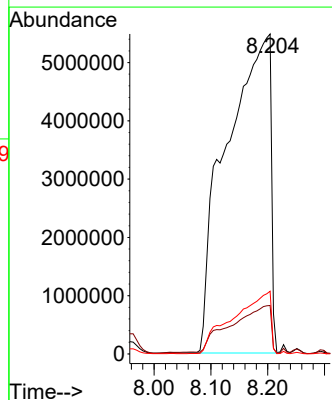
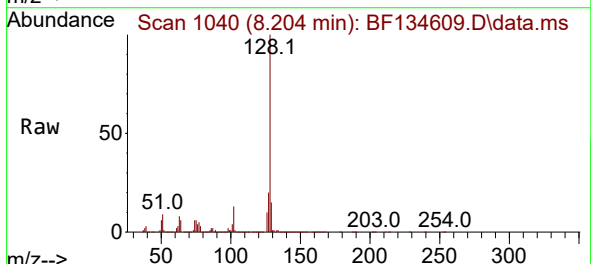
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

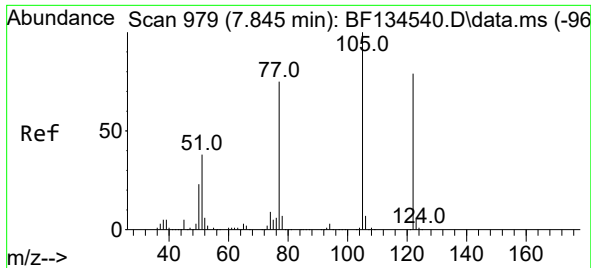
Tgt Ion: 93 Resp: 12050
Ion Ratio Lower Upper
93 100
95 39.9 26.5 39.7#
123 15.8 9.6 14.4#



#31
Naphthalene
Concen: 3517.831 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.106 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion: 128 Resp: 29390102
Ion Ratio Lower Upper
128 100
129 15.2 8.4 12.6#
127 19.6 10.7 16.1#

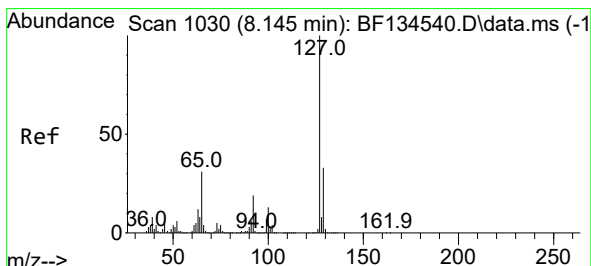
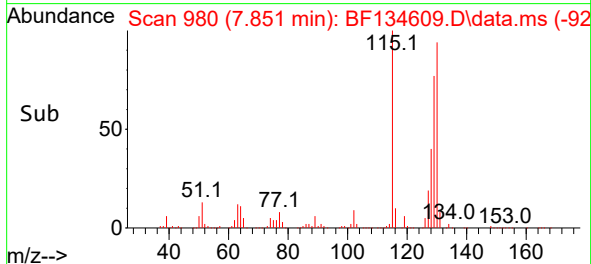
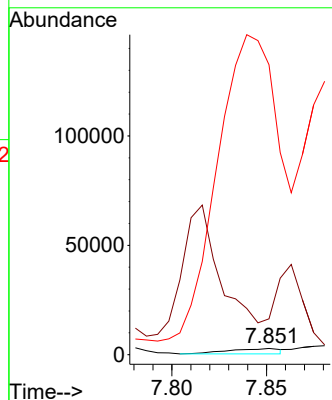
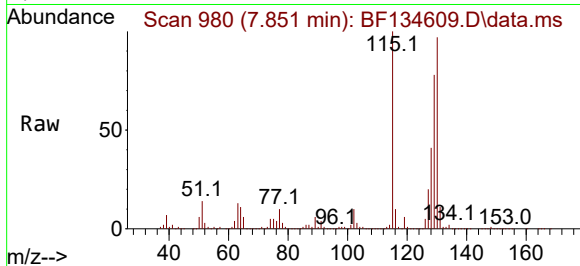




#32
Benzoic acid
Concen: 10.143 ng
RT: 7.851 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

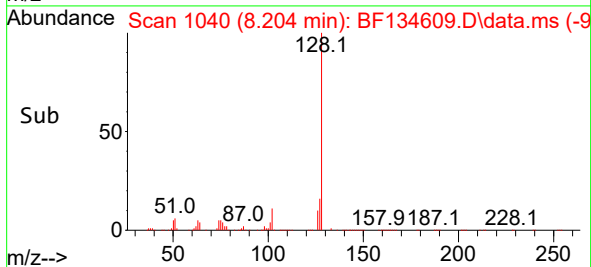
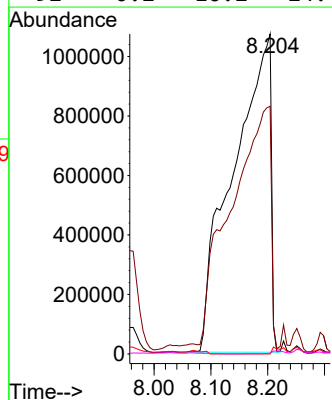
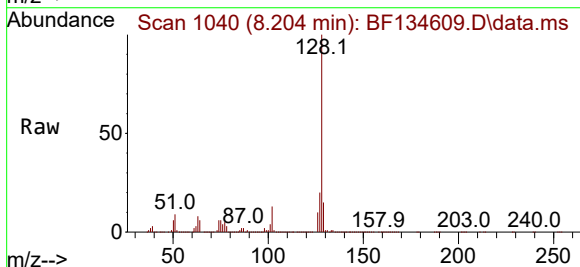
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

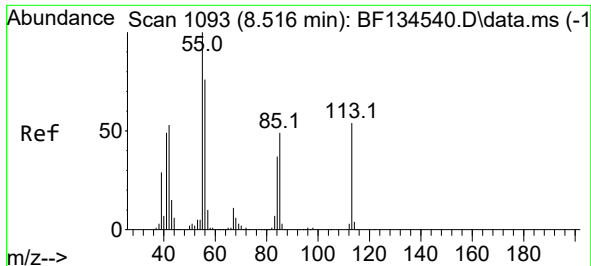
Tgt Ion:122 Resp: 4597
Ion Ratio Lower Upper
122 100
105 570.6 87.5 127.5#
77 4607.0 71.4 111.4#



#33
4-Chloroaniline
Concen: 1314.572 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.059 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion:127 Resp: 4893600
Ion Ratio Lower Upper
127 100
129 77.4 25.6 38.4#
65 0.0 25.4 38.0#
92 0.2 16.2 24.4#

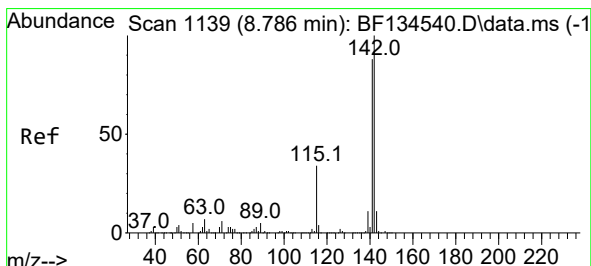
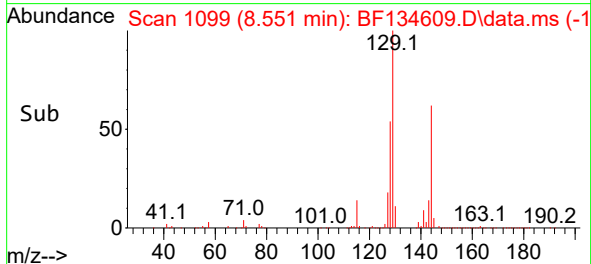
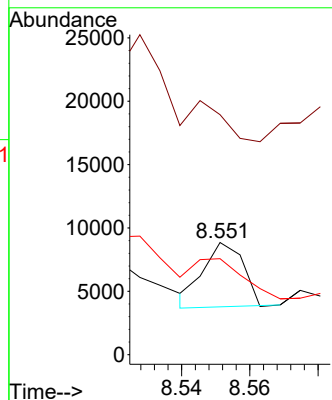
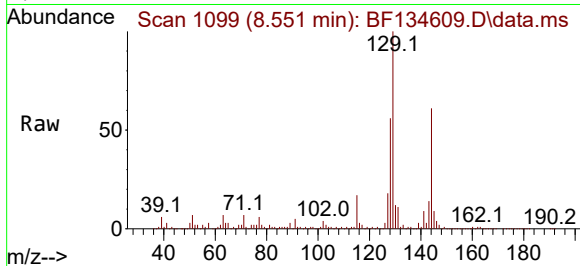




#35
 Caprolactam
 Concen: 5.414 ng
 RT: 8.551 min Scan# 1109
 Delta R.T. 0.036 min
 Lab File: BF134609.D
 Acq: 03 Aug 2023 13:33

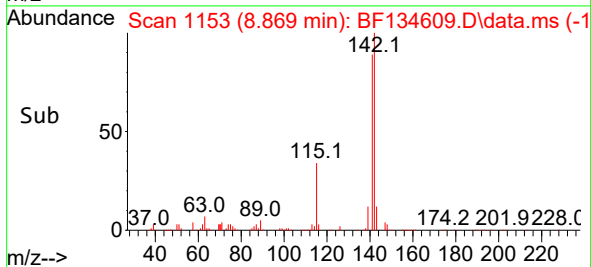
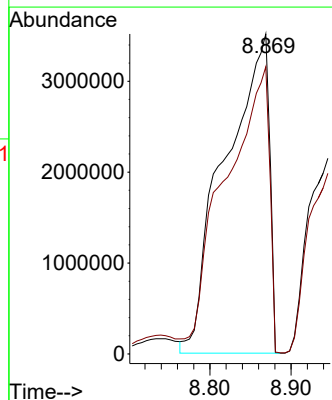
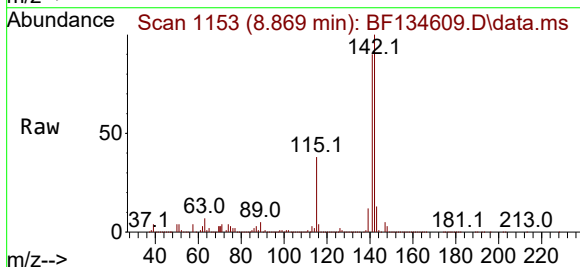
Instrument :
 BNA_F
 ClientSampleId :
 BUILDING-A-6-(5-10)

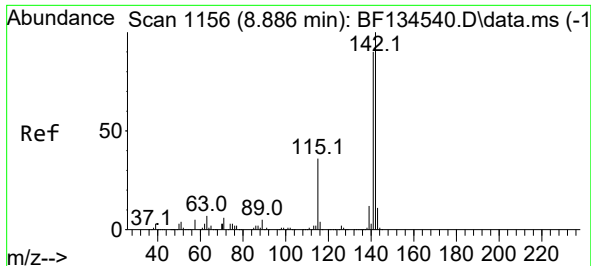
Tgt Ion:113 Resp: 4104
 Ion Ratio Lower Upper
 113 100
 55 214.0 161.5 201.5#
 56 85.5 117.8 157.8#



#37
 2-Methylnaphthalene
 Concen: 2382.763 ng
 RT: 8.869 min Scan# 1153
 Delta R.T. 0.083 min
 Lab File: BF134609.D
 Acq: 03 Aug 2023 13:33

Tgt Ion:142 Resp:13195150
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2





#38

1-Methylnaphthalene

Concen: 2562.407 ng

RT: 8.869 min Scan# 1156

Delta R.T. -0.017 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

Instrument :

BNA_F

ClientSampleId :

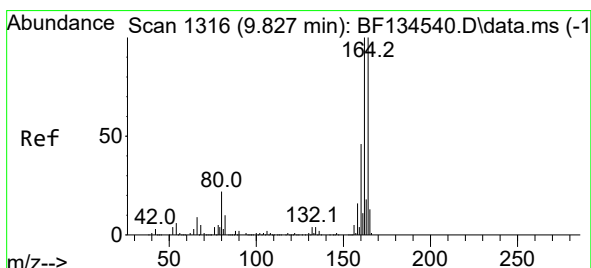
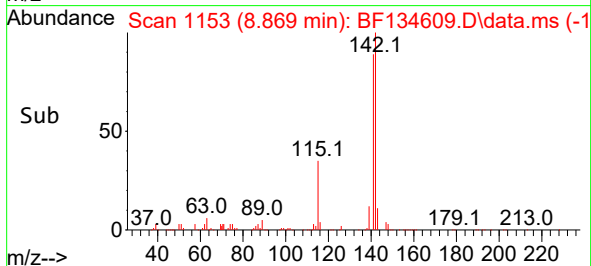
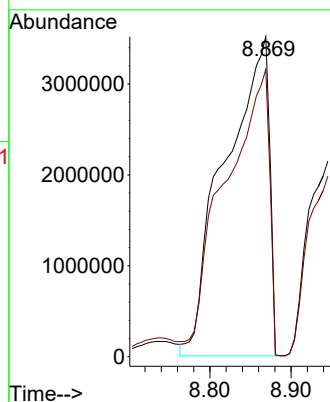
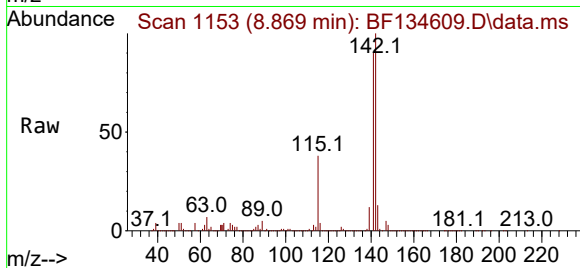
BUILDING-A-6-(5-10)

Tgt Ion:142 Resp:13195150

Ion Ratio Lower Upper

142 100

141 89.7 71.4 107.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.024 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

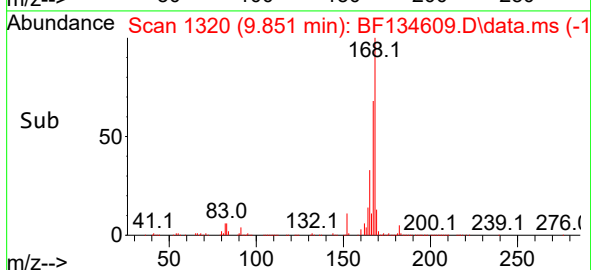
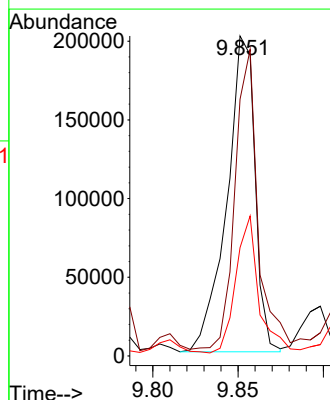
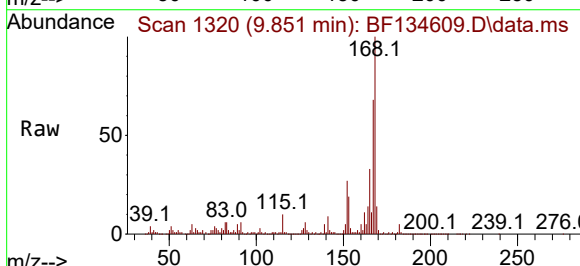
Tgt Ion:164 Resp: 230577

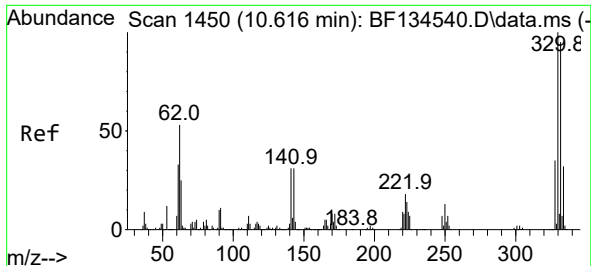
Ion Ratio Lower Upper

164 100

162 80.2 82.6 123.8#

160 33.9 37.2 55.8#





#42

2,4,6-Tribromophenol

Concen: 21.185 ng

RT: 10.651 min Scan# 1450

Delta R.T. 0.036 min

Lab File: BF134609.D

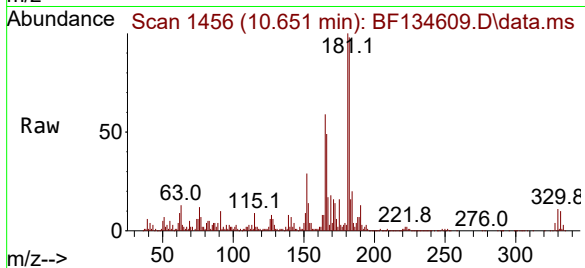
Acq: 03 Aug 2023 13:33

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)



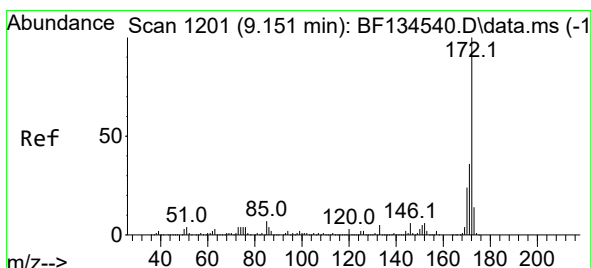
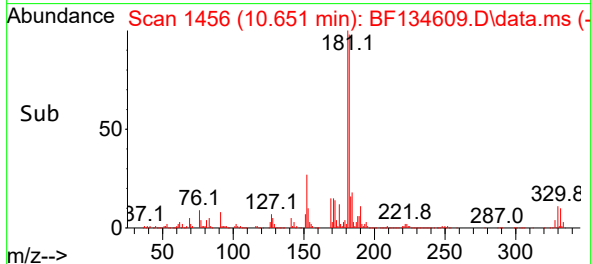
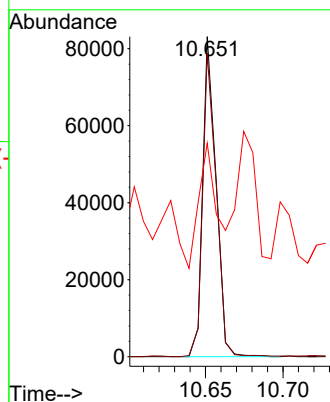
Tgt Ion:330 Resp: 49796

Ion Ratio Lower Upper

330 100

332 96.6 78.8 118.2

141 52.1 25.4 38.2#



#45

2-Fluorobiphenyl

Concen: 35.445 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.012 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

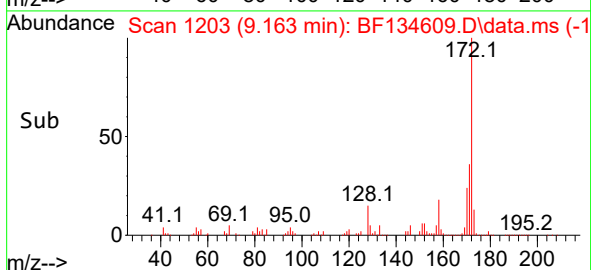
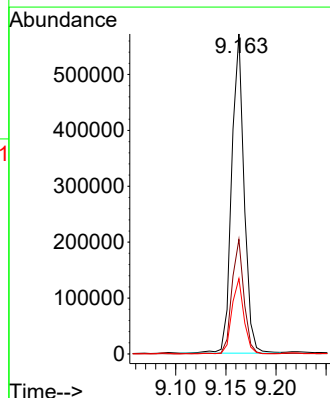
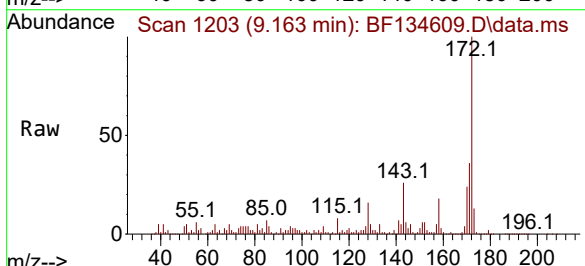
Tgt Ion:172 Resp: 491538

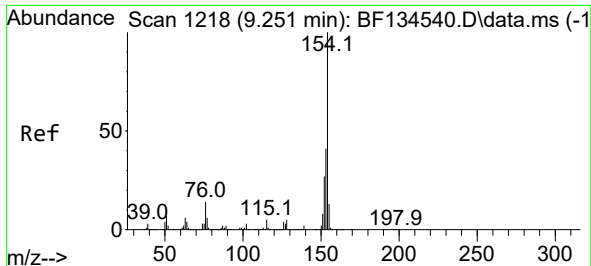
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.5 18.7 28.1

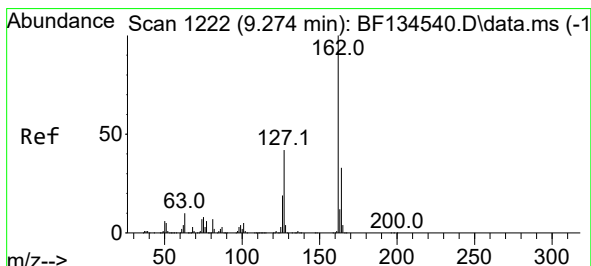
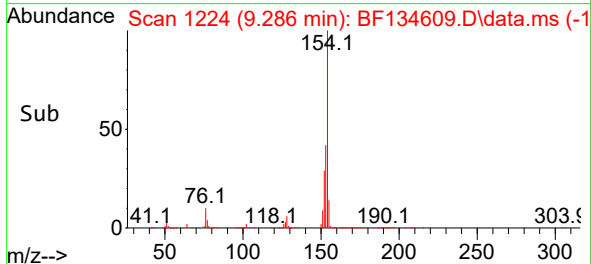
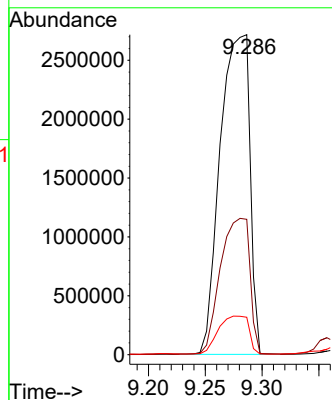
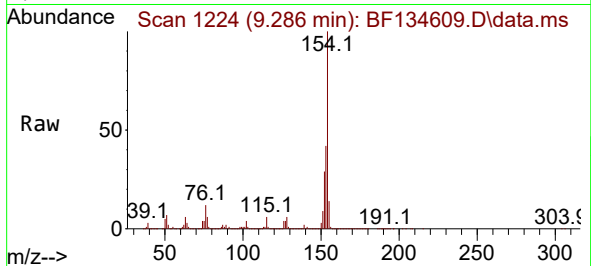




#46
1,1'-Biphenyl
Concen: 274.442 ng
RT: 9.286 min Scan# 11
Delta R.T. 0.036 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

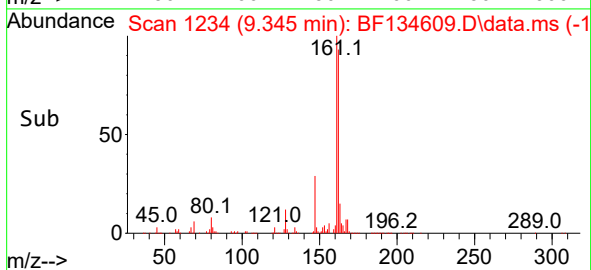
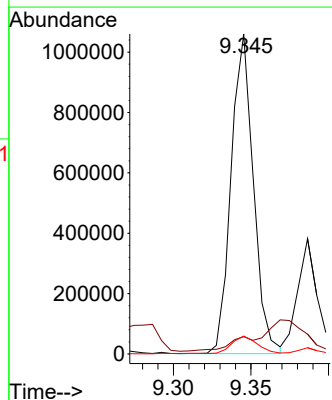
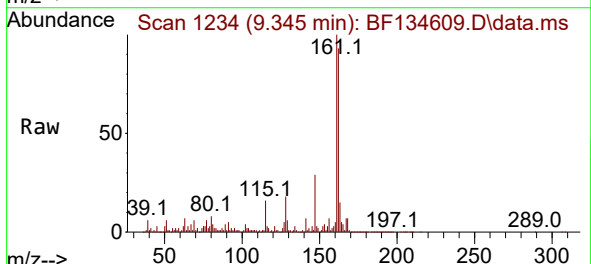
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

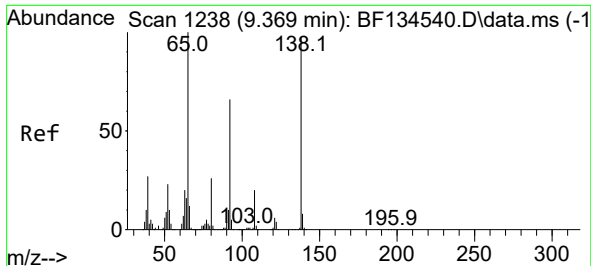
Tgt Ion:154 Resp: 4920844
Ion Ratio Lower Upper
154 100
153 42.3 20.8 60.8
76 11.7 0.0 30.2



#47
2-Chloronaphthalene
Concen: 78.944 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.071 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion:162 Resp: 1060632
Ion Ratio Lower Upper
162 100
127 5.4 34.0 51.0#
164 5.6 25.7 38.5#





#48

2-Nitroaniline

Concen: 13.561 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.024 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)

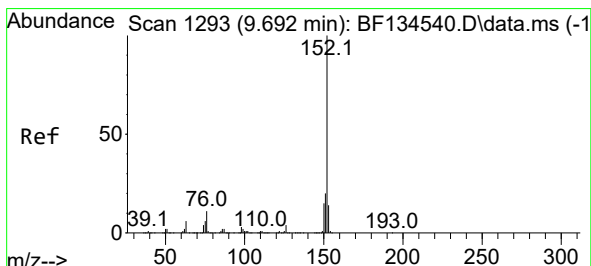
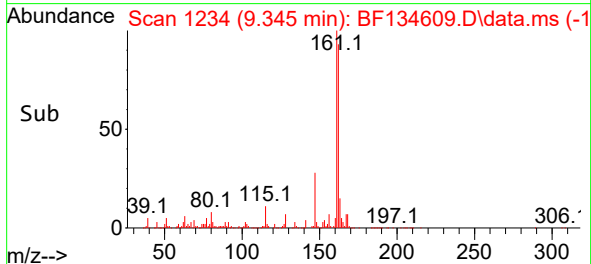
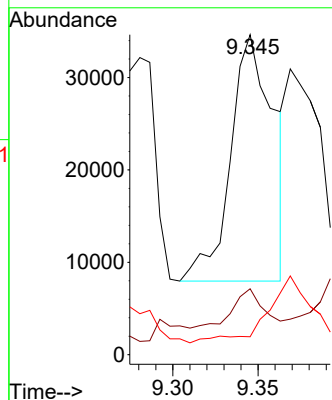
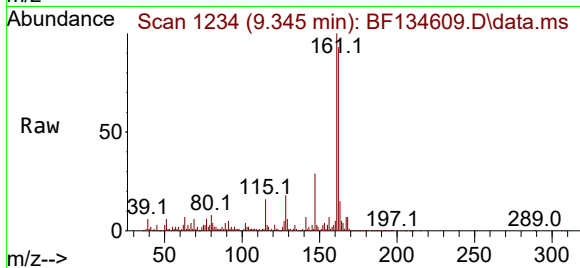
Tgt Ion: 65 Resp: 46614

Ion Ratio Lower Upper

65 100

92 20.6 50.7 76.1#

138 5.6 78.2 117.4#



#49

Acenaphthylene

Concen: 389.279 ng

RT: 9.739 min Scan# 1301

Delta R.T. 0.047 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

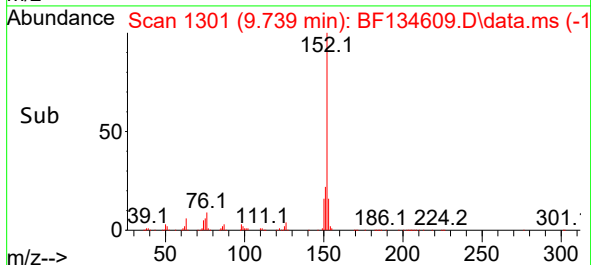
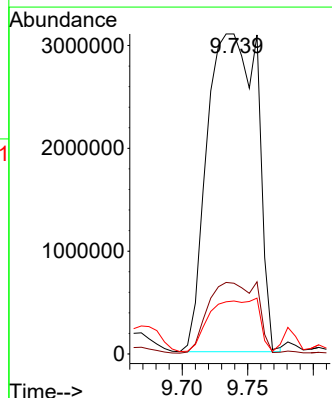
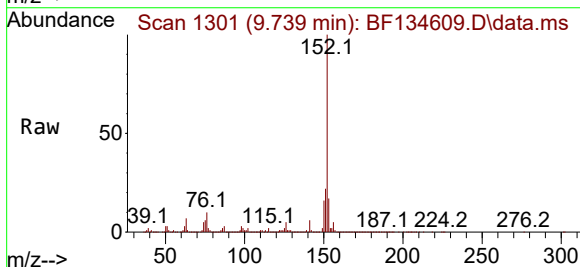
Tgt Ion:152 Resp: 8221081

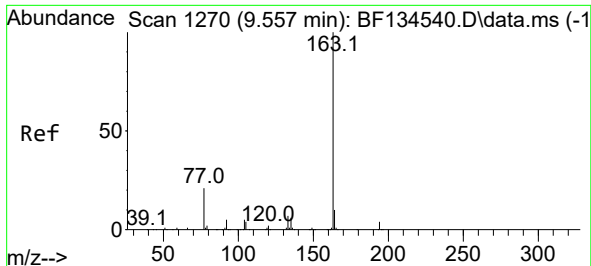
Ion Ratio Lower Upper

152 100

151 22.1 16.4 24.6

153 16.6 10.9 16.3#

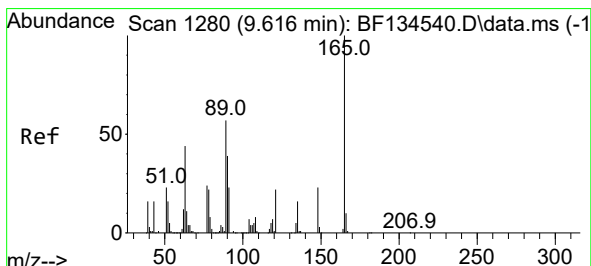
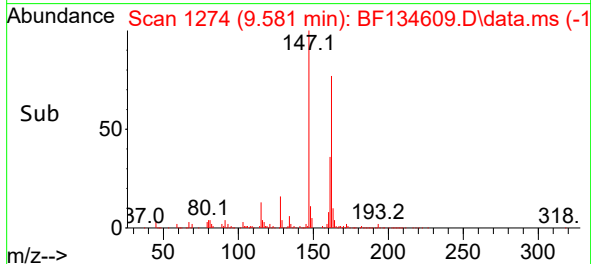
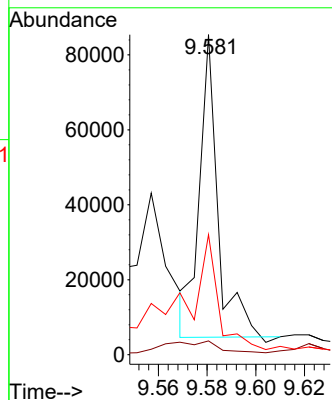
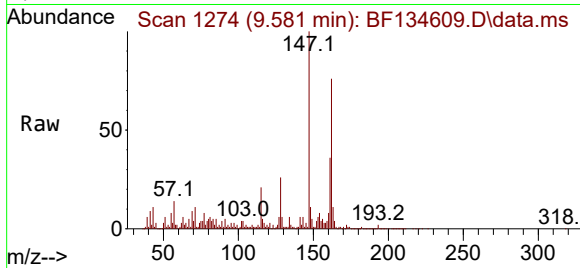




#50
Dimethylphthalate
Concen: 2.644 ng
RT: 9.581 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

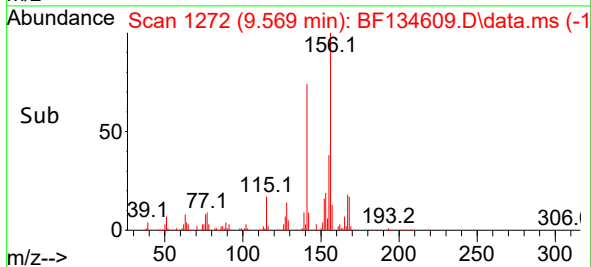
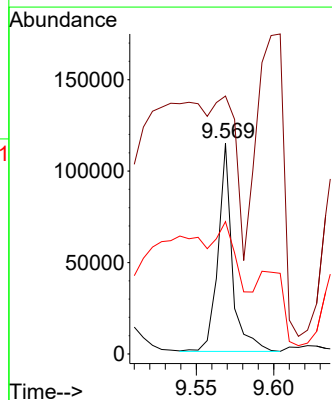
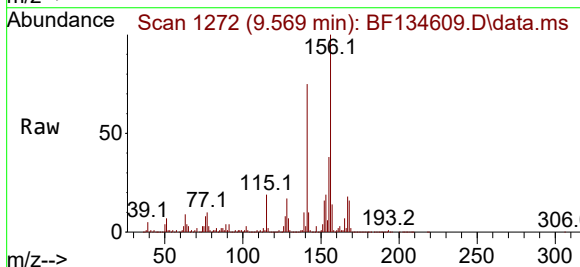
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

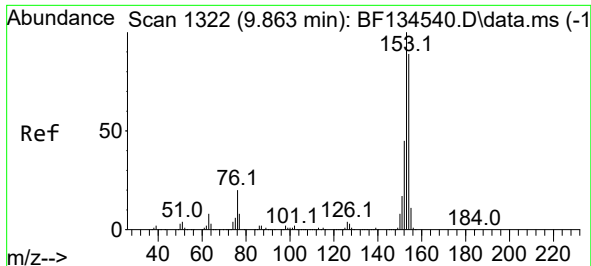
Tgt Ion:163 Resp: 41556
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 37.5 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 23.713 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.047 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion:165 Resp: 72066
Ion Ratio Lower Upper
165 100
63 122.5 57.8 86.6#
89 62.9 51.8 77.8

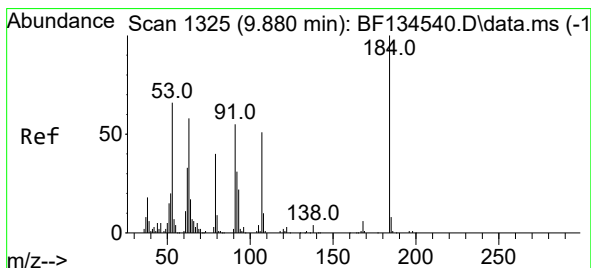
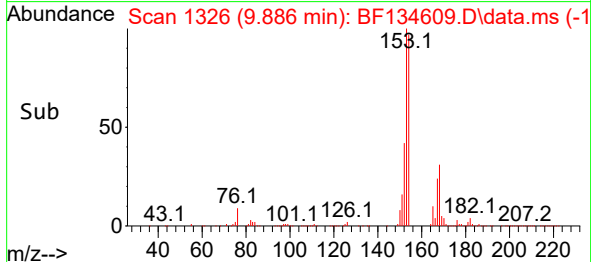
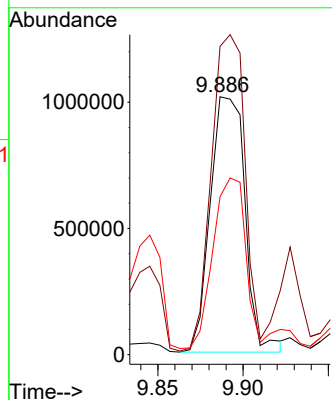
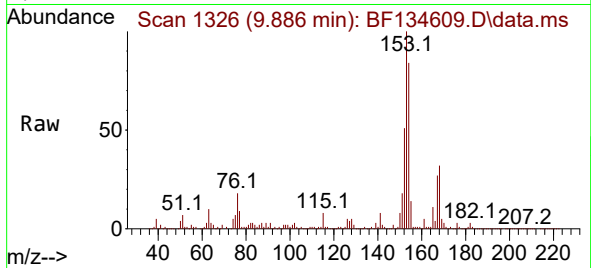




#52
Acenaphthene
Concen: 104.558 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

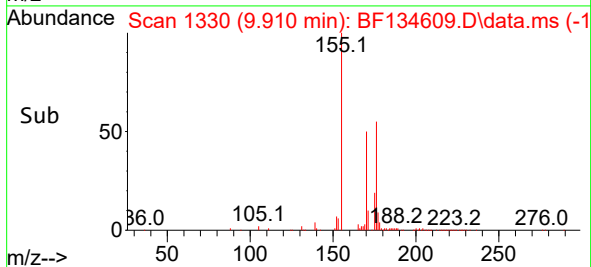
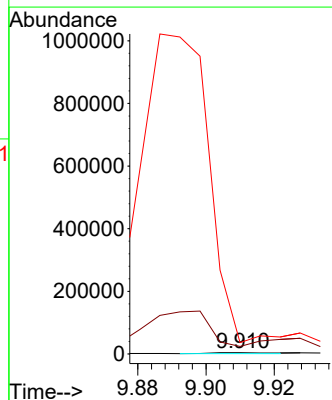
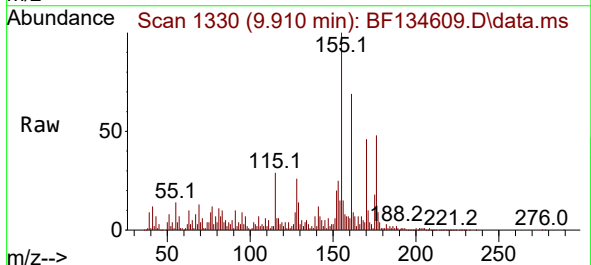
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

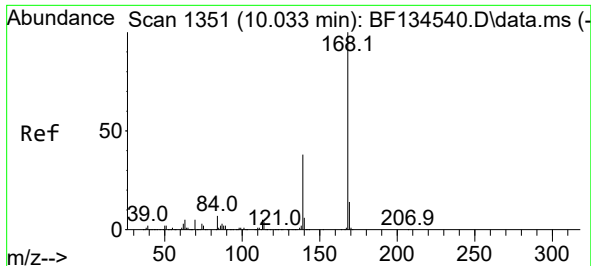
Tgt Ion:154 Resp: 1430976
Ion Ratio Lower Upper
154 100
153 119.5 90.0 135.0
152 61.2 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 10.315 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.030 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion:184 Resp: 3446
Ion Ratio Lower Upper
184 100
63 575.5 57.1 85.7#
154 873.4 59.1 88.7#

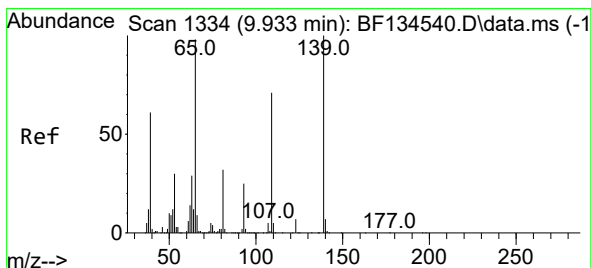
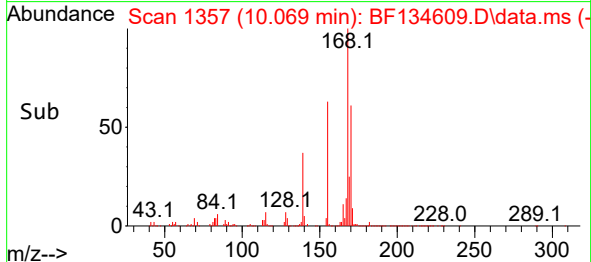
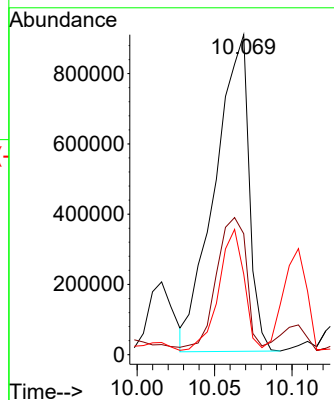
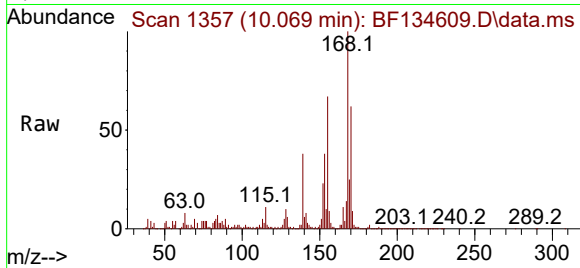




#55
Dibenzofuran
Concen: 70.846 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.036 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

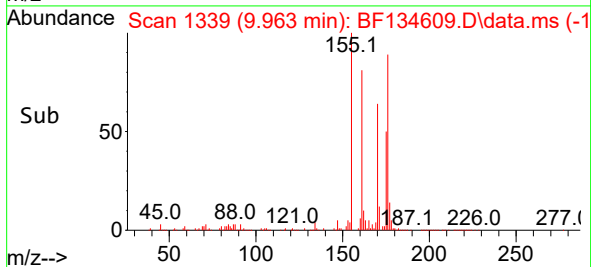
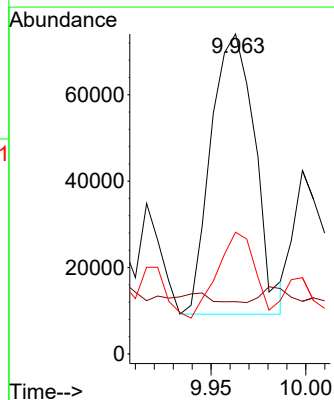
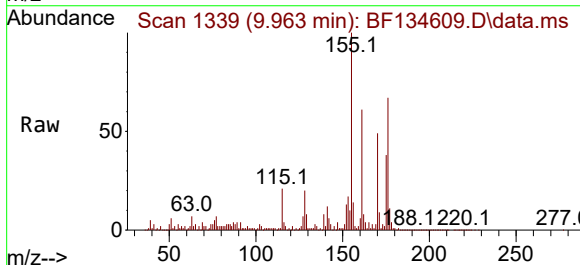
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

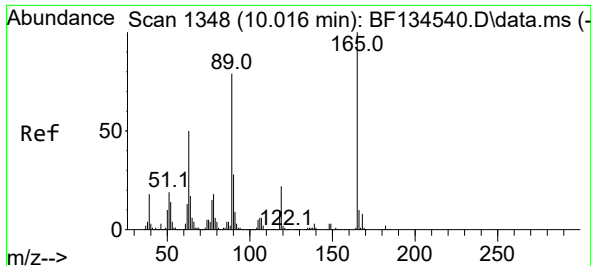
Tgt Ion:168 Resp: 1380263
Ion Ratio Lower Upper
168 100
139 37.8 33.4 50.2
169 25.2 10.6 15.8#



#56
4-Nitrophenol
Concen: 36.556 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.030 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion:139 Resp: 104729
Ion Ratio Lower Upper
139 100
109 16.4 76.9 116.9#
65 38.1 98.5 138.5#

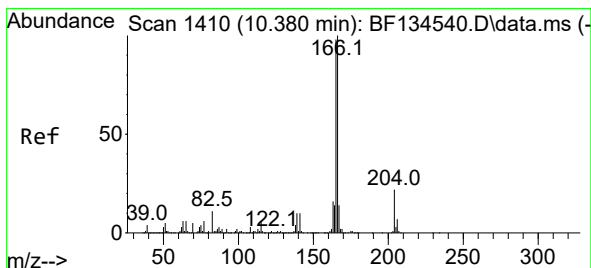
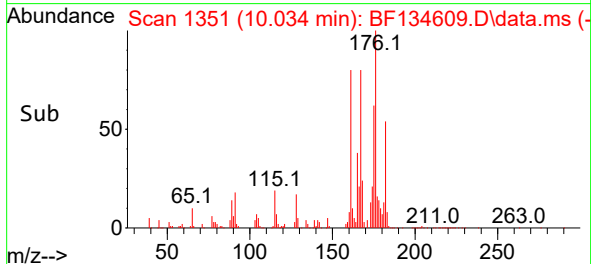
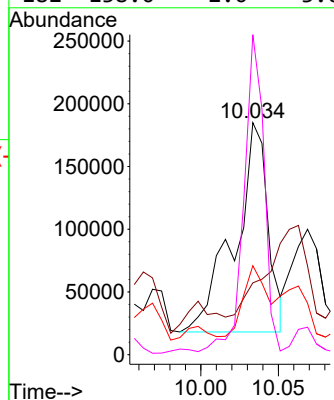
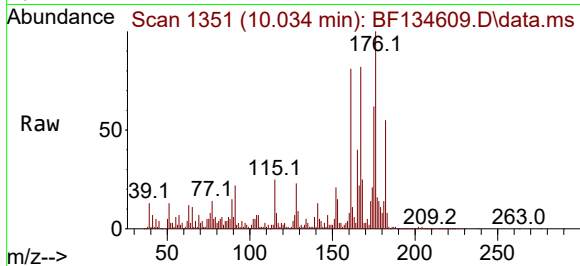




#57
2,4-Dinitrotoluene
Concen: 63.600 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

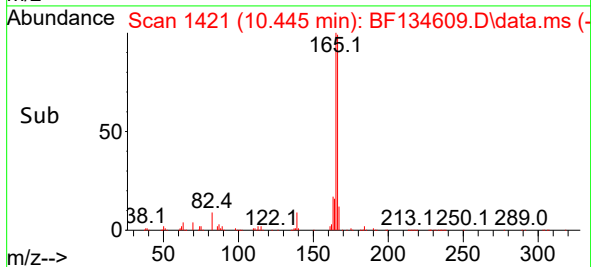
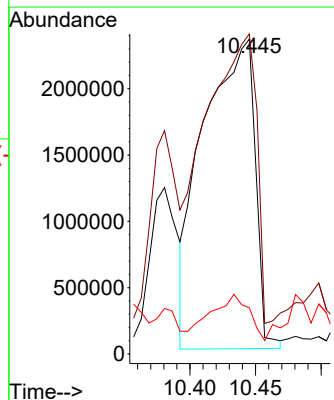
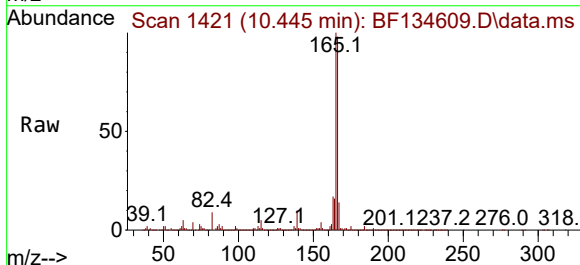
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

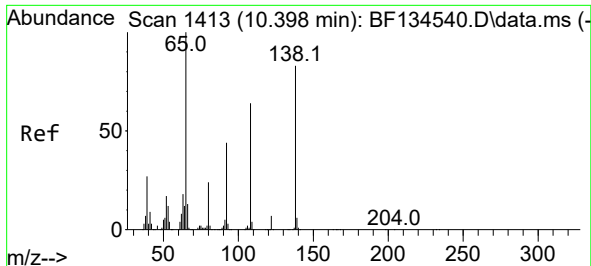
Tgt Ion:165 Resp: 251181
Ion Ratio Lower Upper
165 100
63 30.9 48.9 73.3#
89 38.4 61.7 92.5#
182 138.0 2.0 3.0#



#58
Fluorene
Concen: 453.806 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.065 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion:166 Resp: 6439891
Ion Ratio Lower Upper
166 100
165 101.6 74.5 111.7
167 14.7 10.6 16.0

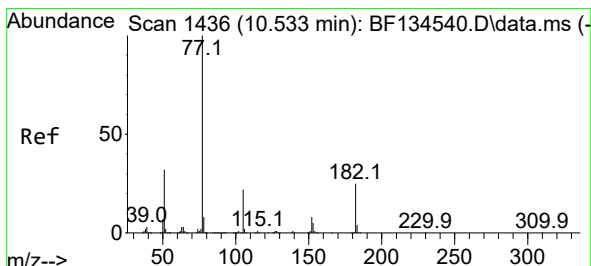
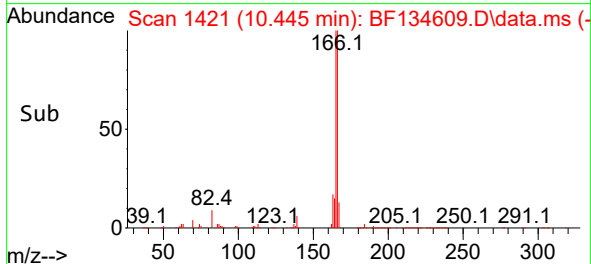
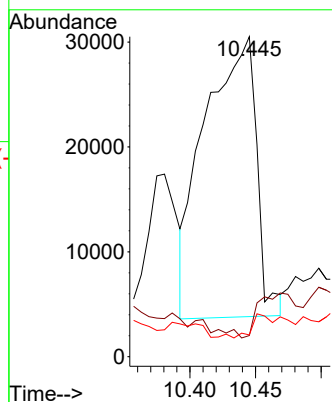
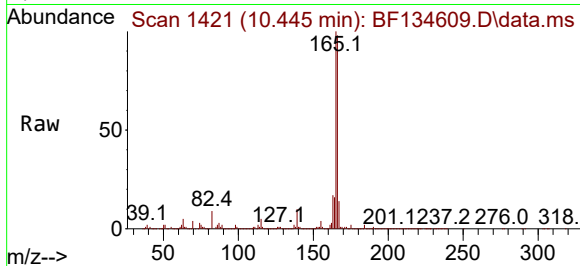




#62
4-Nitroaniline
Concen: 21.410 ng
RT: 10.445 min Scan# 1413
Delta R.T. 0.047 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

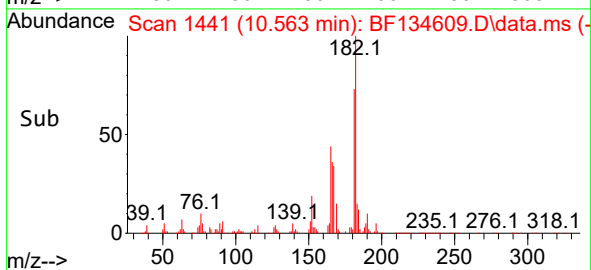
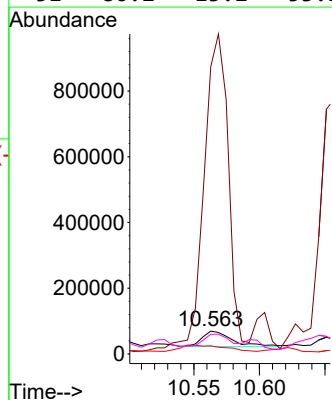
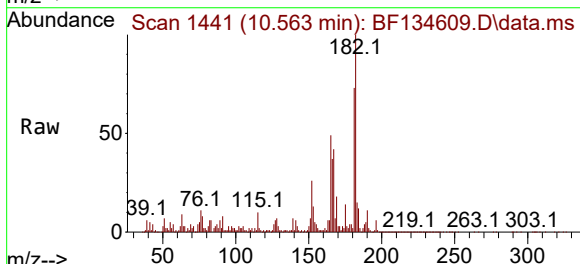
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

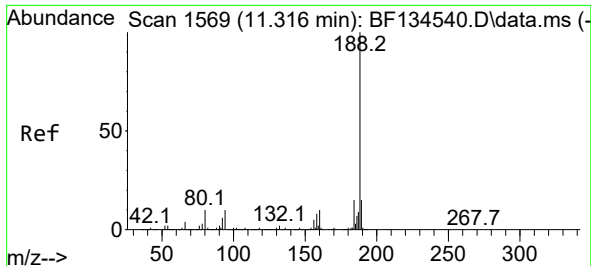
Tgt Ion:138 Resp: 73507
Ion Ratio Lower Upper
138 100
92 6.6 27.0 67.0#
108 6.8 70.4 110.4#



#63
Azobenzene
Concen: 4.723 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.030 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion: 77 Resp: 75594
Ion Ratio Lower Upper
77 100
182 1253.2 7.5 47.5#
105 35.5 1.9 41.9
51 86.2 13.2 53.2#

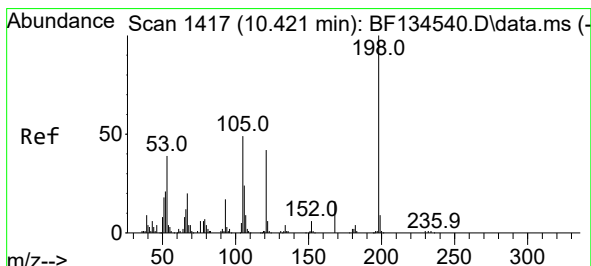
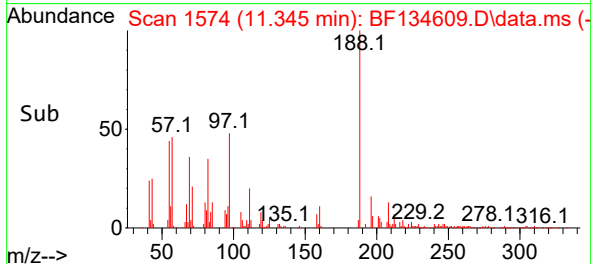
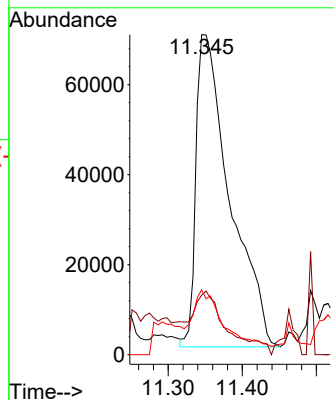
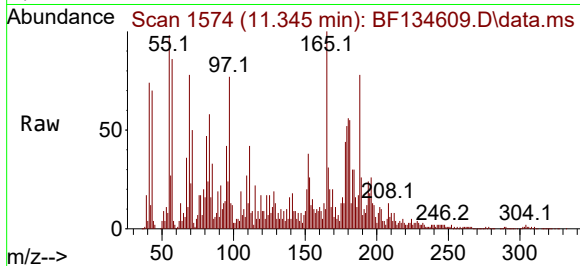




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.030 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

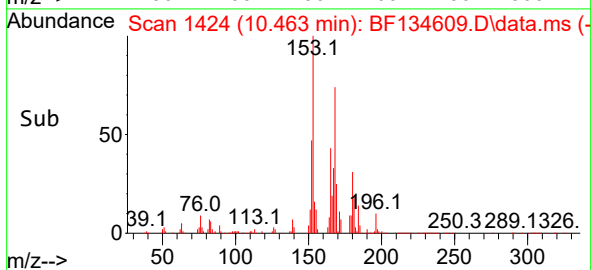
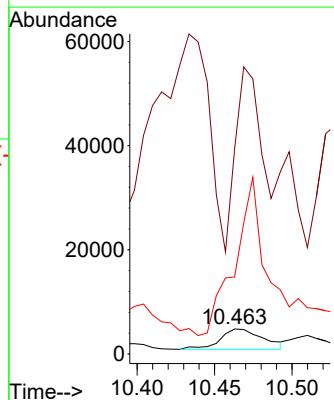
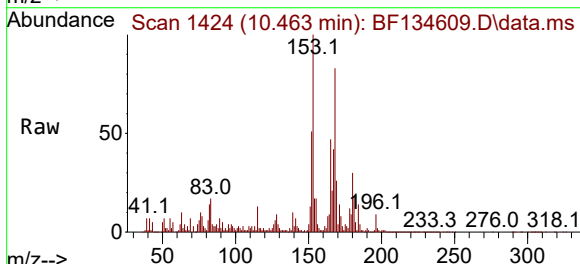
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

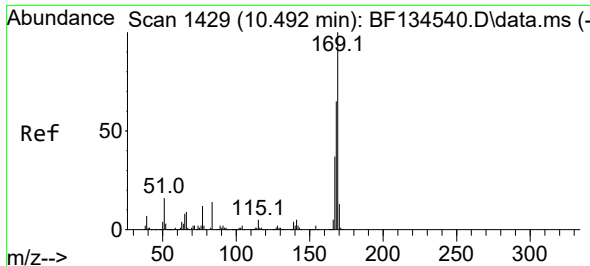
Tgt Ion:188 Resp: 220947
Ion Ratio Lower Upper
188 100
94 18.6 5.1 7.7#
80 20.3 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 15.532 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.042 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion:198 Resp: 7453
Ion Ratio Lower Upper
198 100
51 822.6 38.6 78.6#
105 309.4 27.9 67.9#

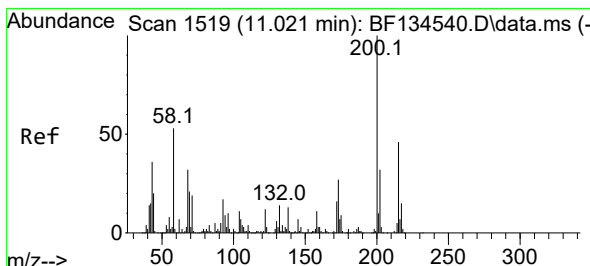
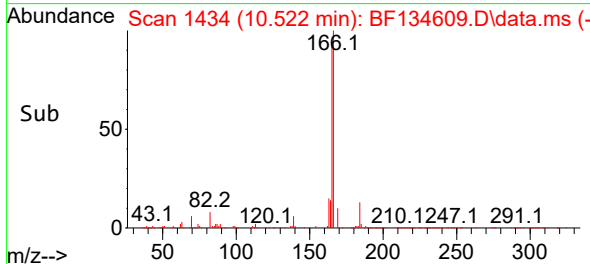
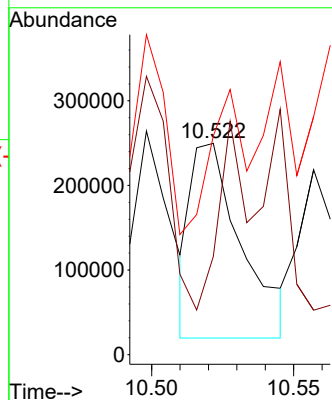
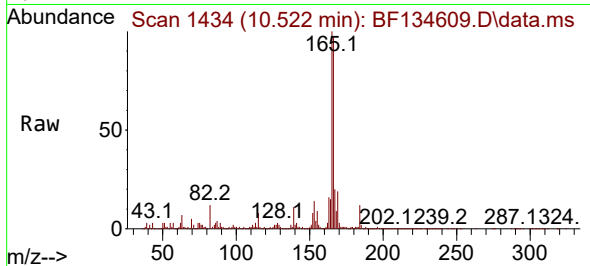




#66
n-Nitrosodiphenylamine
Concen: 40.521 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.030 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

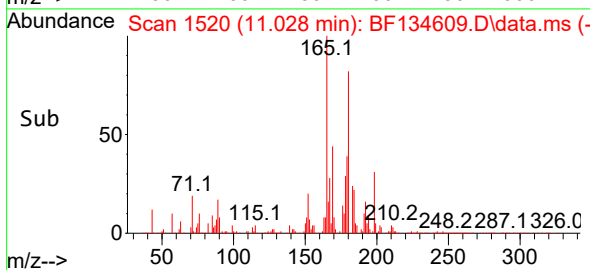
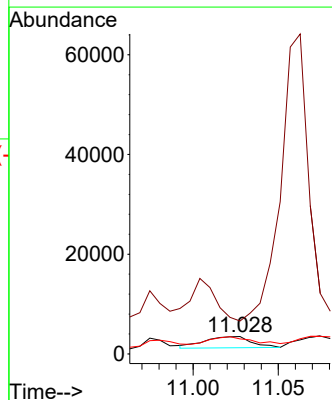
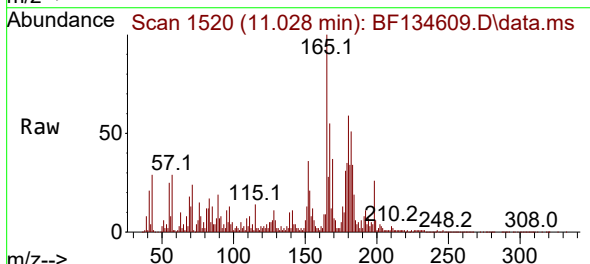
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

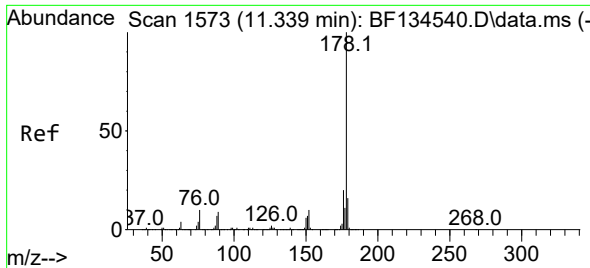
Tgt Ion:169 Resp: 284968
Ion Ratio Lower Upper
169 100
168 46.5 52.6 78.8#
167 103.5 29.8 44.8#



#69
Atrazine
Concen: 2.298 ng
RT: 11.028 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion:200 Resp: 4355
Ion Ratio Lower Upper
200 100
173 188.7 6.1 46.1#
215 86.5 29.7 69.7#

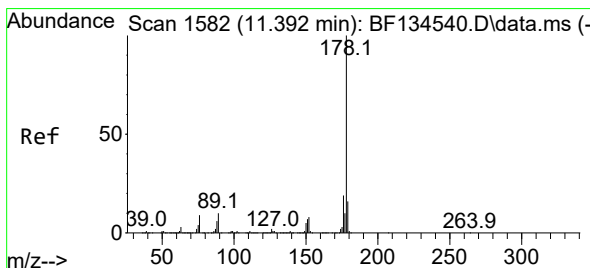
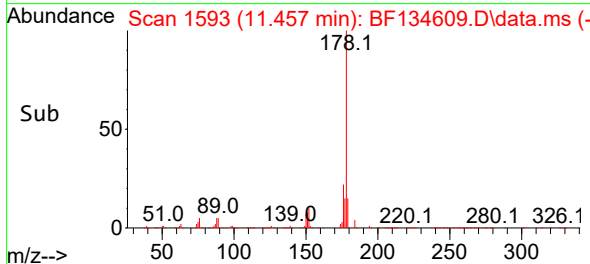
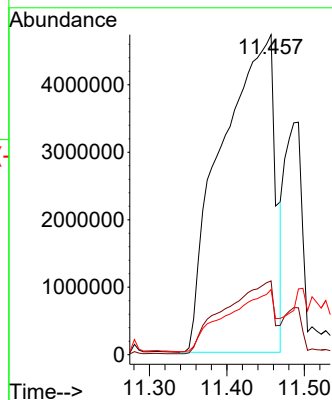
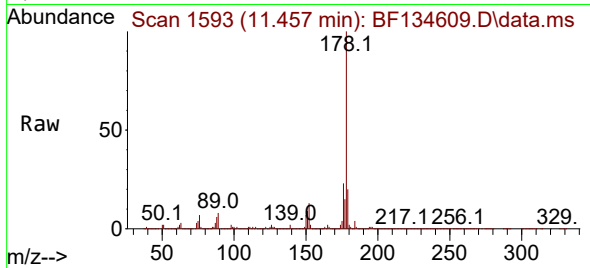




#71
Phenanthrene
Concen: 1924.191 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.118 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

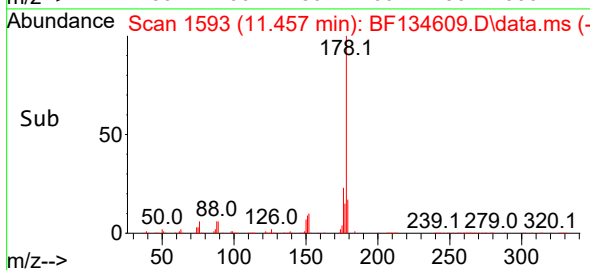
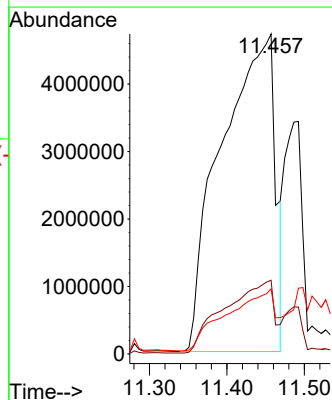
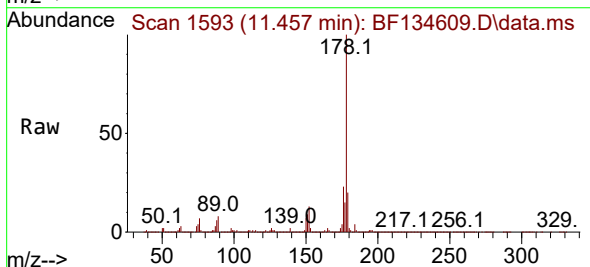
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

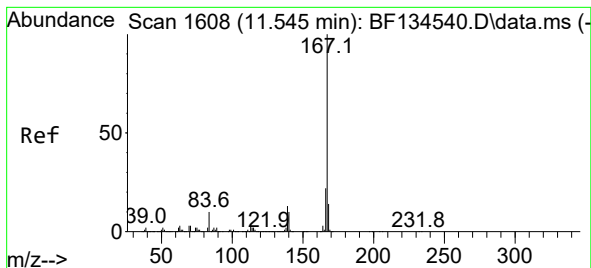
Tgt Ion:178 Resp:22581936
Ion Ratio Lower Upper
178 100
176 23.0 15.8 23.6
179 20.4 12.7 19.1#



#72
Anthracene
Concen: 1883.784 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.065 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion:178 Resp:22581936
Ion Ratio Lower Upper
178 100
176 23.0 14.6 21.8#
179 20.4 12.3 18.5#





#73

Carbazole

Concen: 108.391 ng

RT: 11.592 min Scan# 1

Delta R.T. 0.047 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)

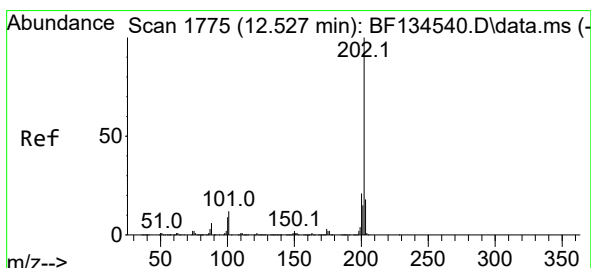
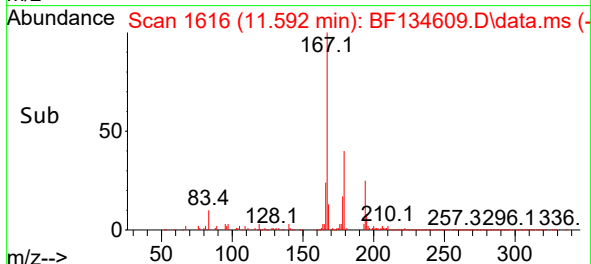
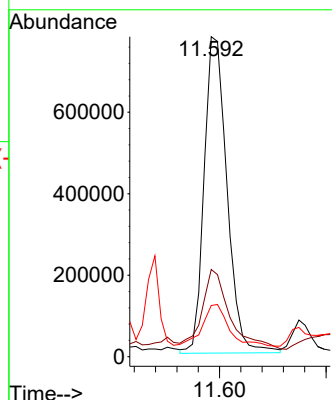
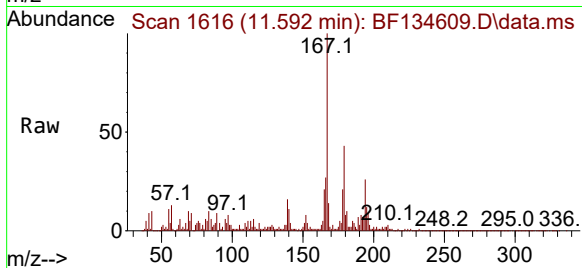
Tgt Ion:167 Resp: 1160143

Ion Ratio Lower Upper

167 100

166 27.2 17.5 26.3#

139 16.0 11.0 16.4



#75

Fluoranthene

Concen: 741.565 ng

RT: 12.633 min Scan# 1793

Delta R.T. 0.106 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

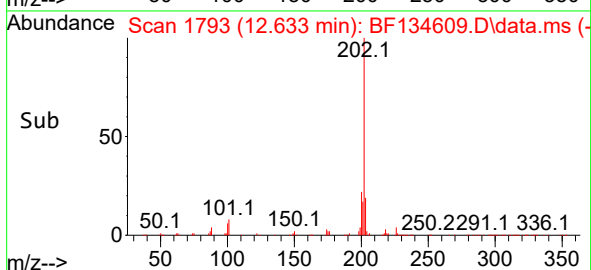
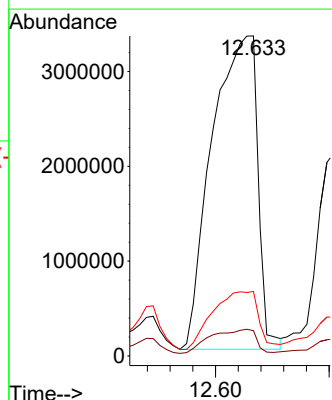
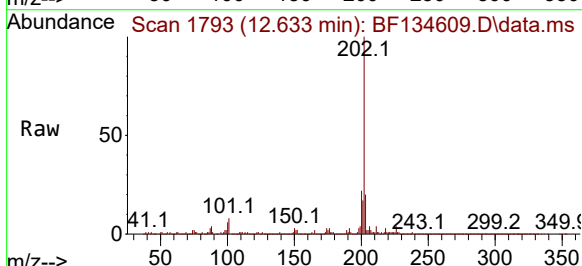
Tgt Ion:202 Resp: 9192953

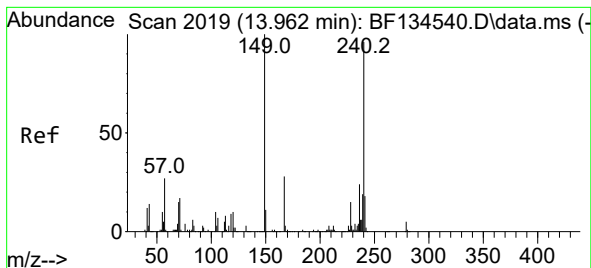
Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.5

203 20.2 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)

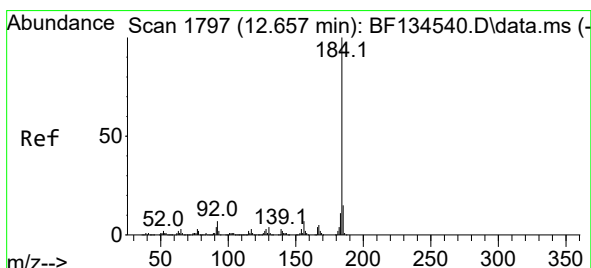
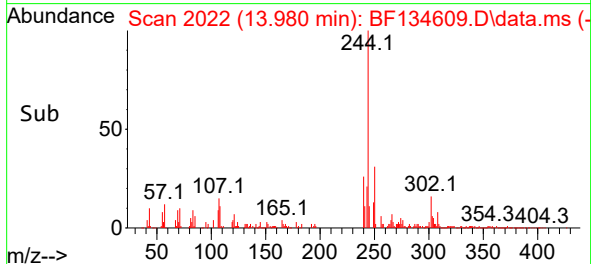
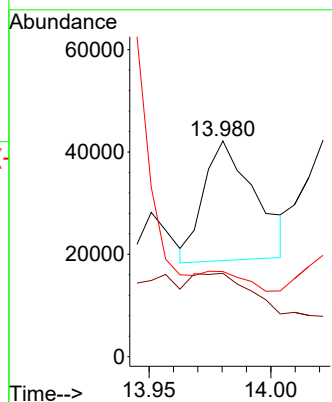
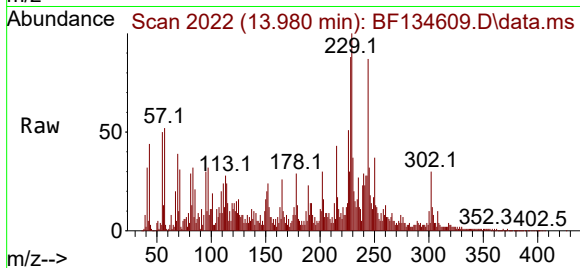
Tgt Ion:240 Resp: 34301

Ion Ratio Lower Upper

240 100

120 38.6 6.6 10.0#

236 39.5 20.2 30.2#



#77

Benzidine

Concen: 57.189 ng

RT: 12.645 min Scan# 1795

Delta R.T. -0.012 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

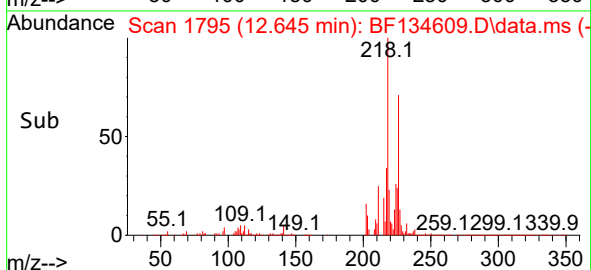
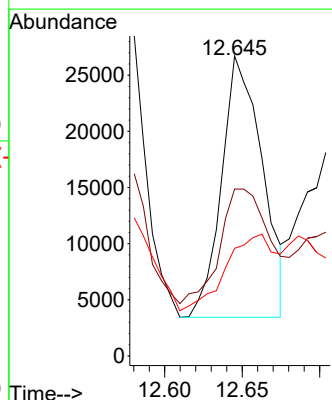
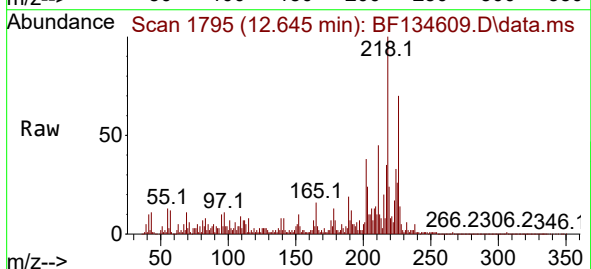
Tgt Ion:184 Resp: 42583

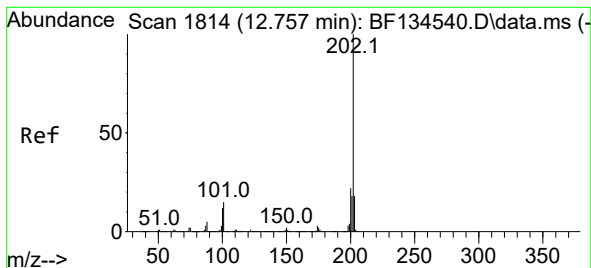
Ion Ratio Lower Upper

184 100

185 55.6 11.2 16.8#

183 35.9 8.6 13.0#





#78

Pyrene

Concen: 1462.868 ng

RT: 12.710 min Scan# 1806

Delta R.T. -0.047 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)

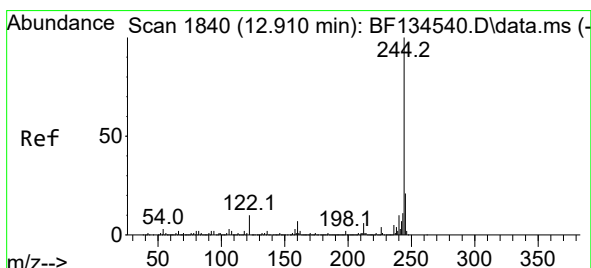
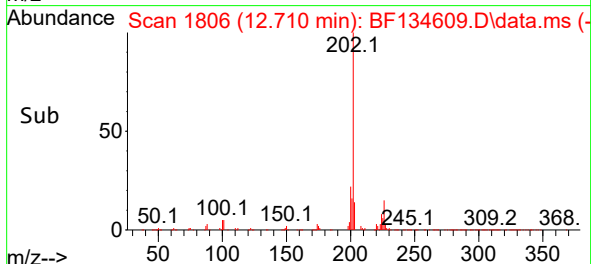
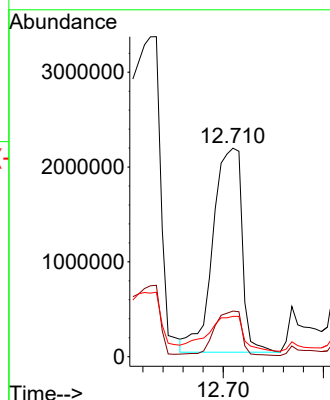
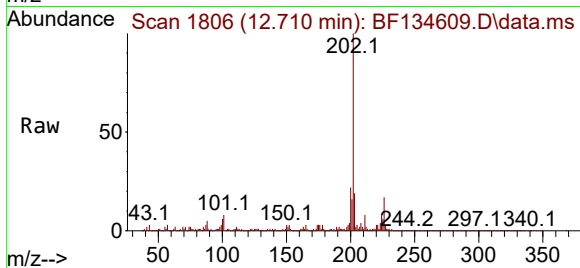
Tgt Ion:202 Resp: 4341961

Ion Ratio Lower Upper

202 100

200 21.9 15.8 23.8

203 19.3 13.5 20.3



#79

Terphenyl-d14

Concen: 181.673 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.047 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

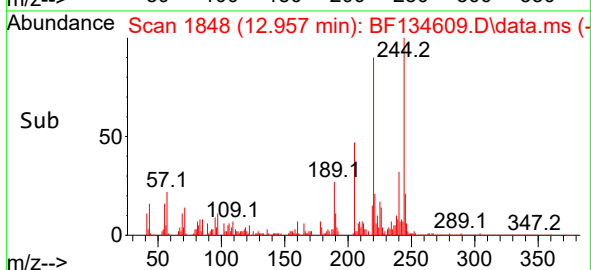
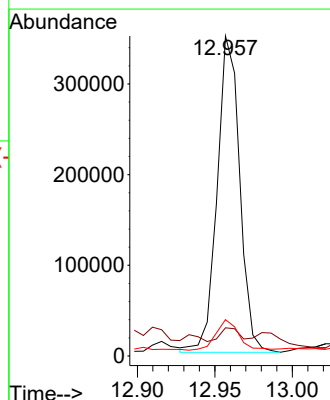
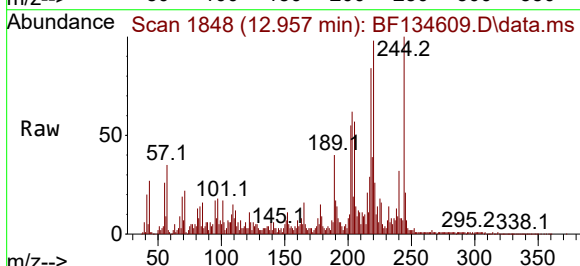
Tgt Ion:244 Resp: 353490

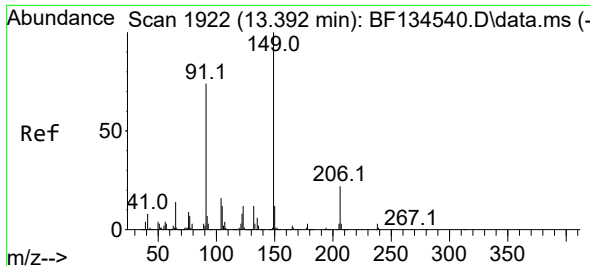
Ion Ratio Lower Upper

244 100

212 8.8 5.6 8.4

122 11.4 8.0 12.0

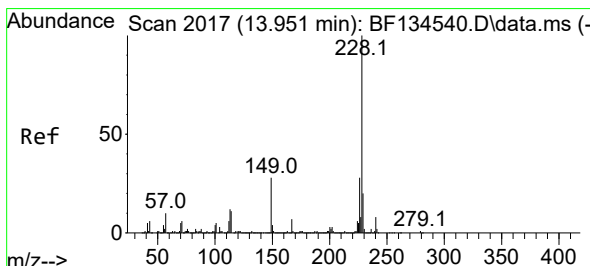
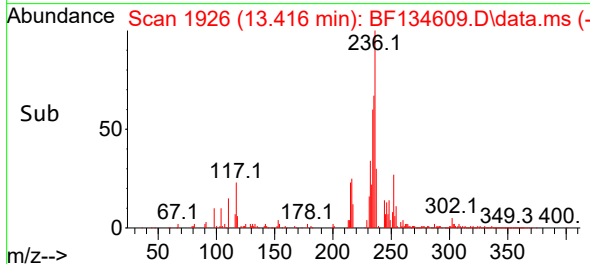
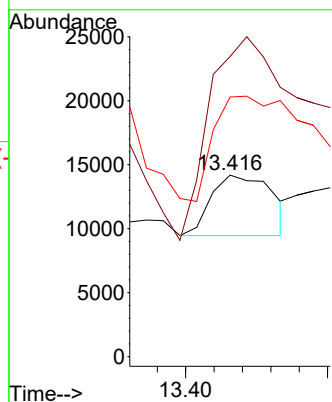
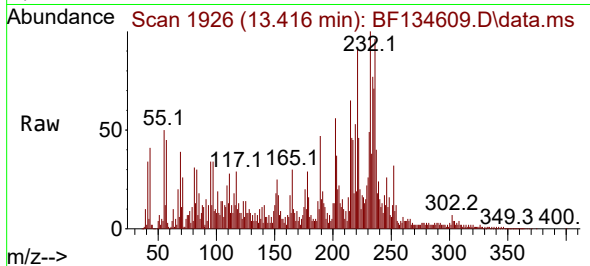




#80
Butylbenzylphthalate
Concen: 7.038 ng
RT: 13.416 min Scan# 1922
Delta R.T. 0.024 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

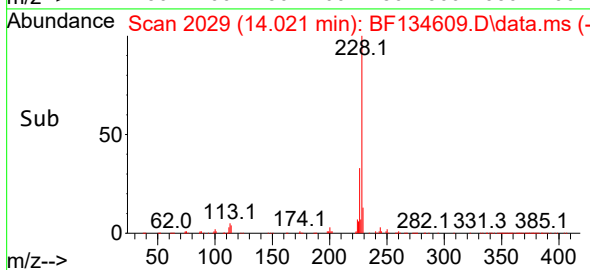
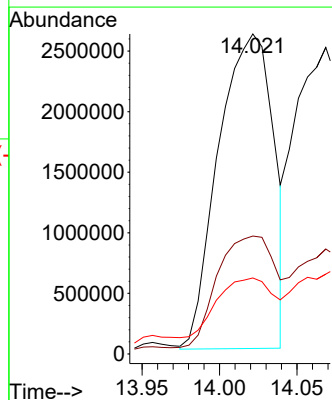
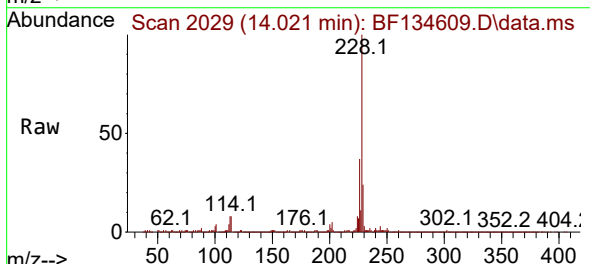
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

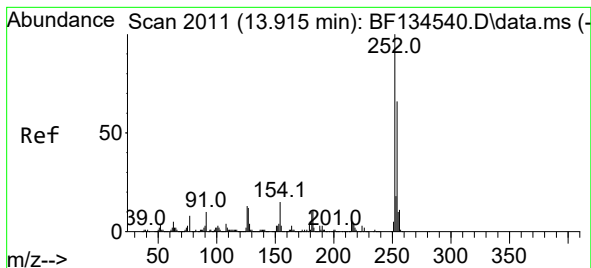
Tgt Ion:149 Resp: 7064
Ion Ratio Lower Upper
149 100
91 165.3 55.8 83.6#
206 143.0 14.6 21.8#



#81
Benzo(a)anthracene
Concen: 2612.999 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.071 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion:228 Resp: 6408862
Ion Ratio Lower Upper
228 100
226 36.8 22.3 33.5#
229 23.7 15.8 23.6#





#82

3,3'-Dichlorobenzidine

Concen: 6.521 ng

RT: 13.933 min Scan# 2011

Delta R.T. 0.018 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)

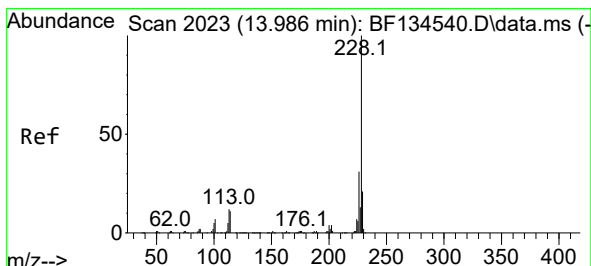
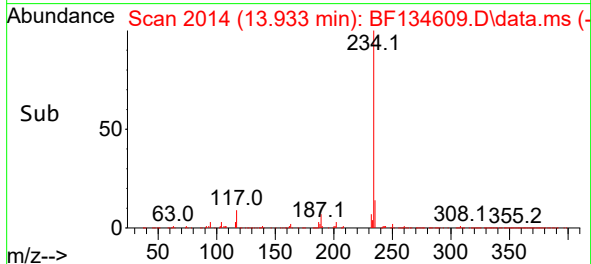
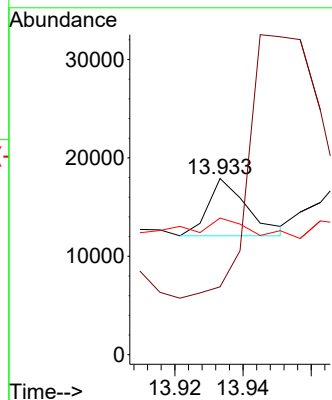
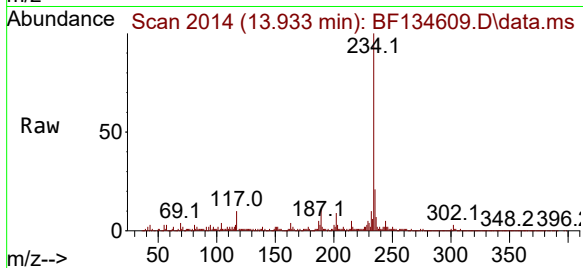
Tgt Ion:252 Resp: 4636

Ion Ratio Lower Upper

252 100

254 38.5 52.7 79.1#

126 77.6 7.2 10.8#



#83

Chrysene

Concen: 2682.025 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.036 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

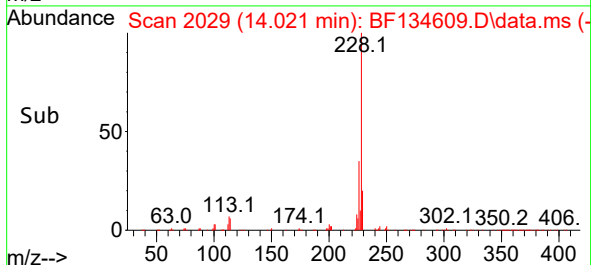
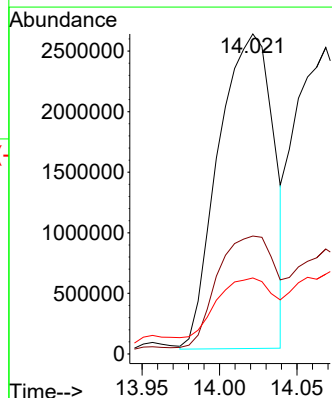
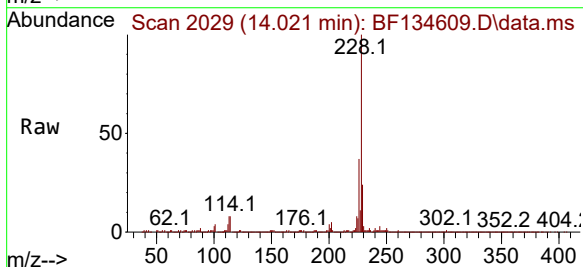
Tgt Ion:228 Resp: 6408862

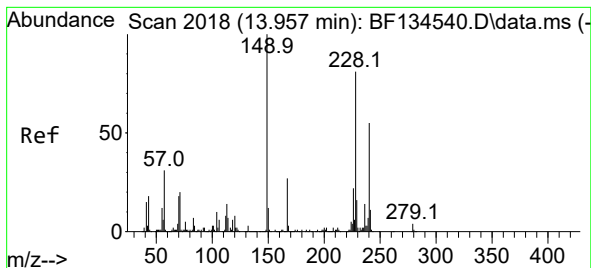
Ion Ratio Lower Upper

228 100

226 36.8 24.5 36.7#

229 23.7 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.986 ng

RT: 13.992 min Scan# 2018

Delta R.T. 0.036 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)

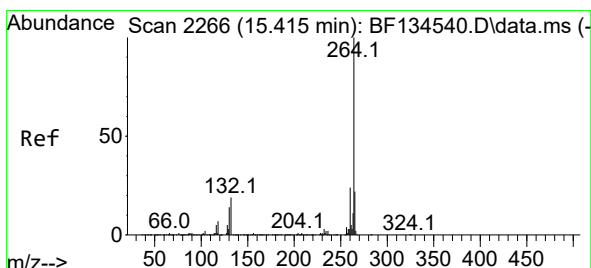
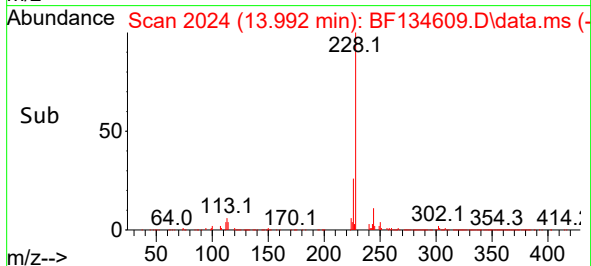
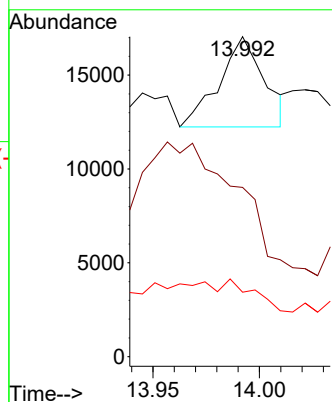
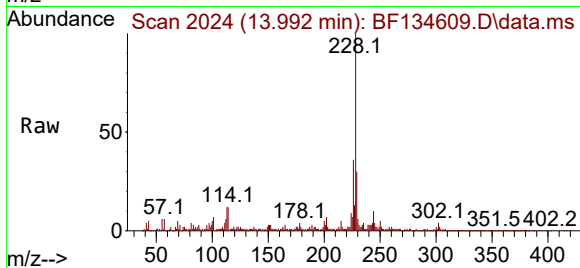
Tgt Ion:149 Resp: 7070

Ion Ratio Lower Upper

149 100

167 52.9 21.6 32.4#

279 20.2 3.5 5.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2282

Delta R.T. 0.094 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

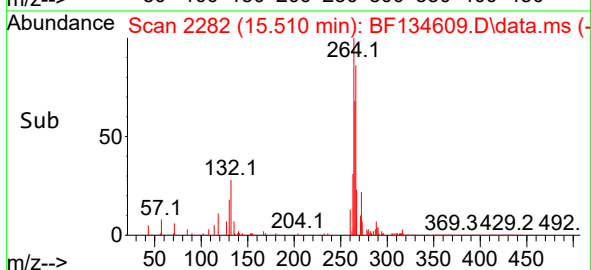
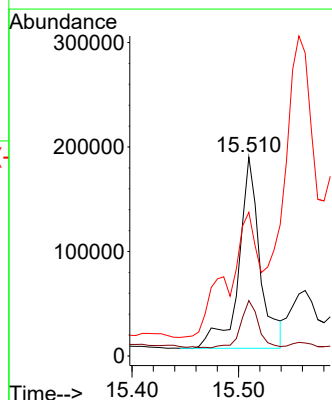
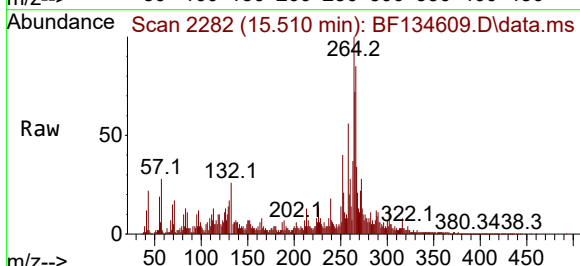
Tgt Ion:264 Resp: 254748

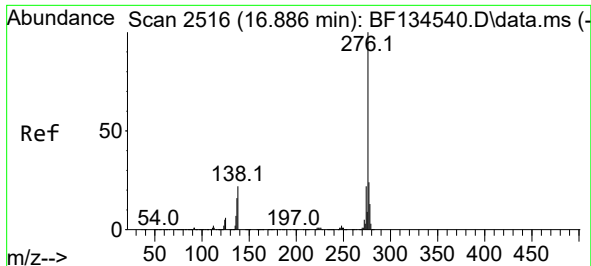
Ion Ratio Lower Upper

264 100

260 27.8 18.4 27.6#

265 72.2 15.8 23.8#

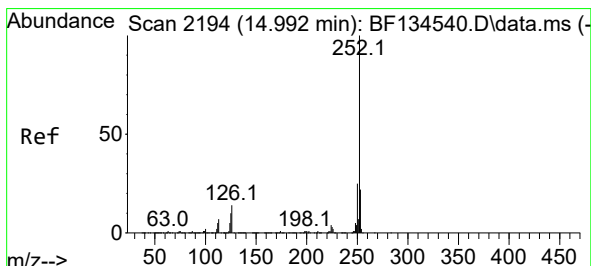
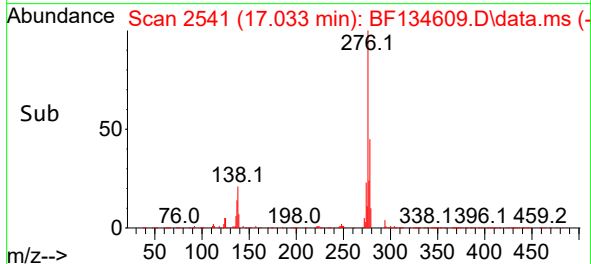
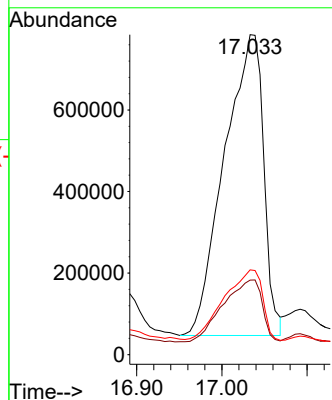
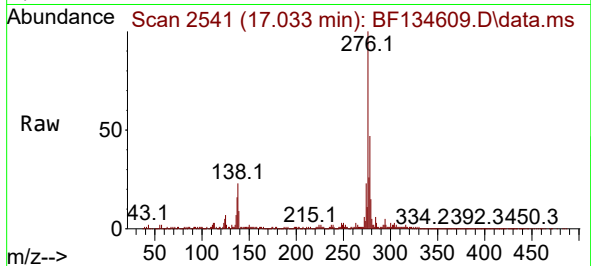




#87
Indeno(1,2,3-cd)pyrene
Concen: 157.159 ng
RT: 17.033 min Scan# 2110
Delta R.T. 0.147 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

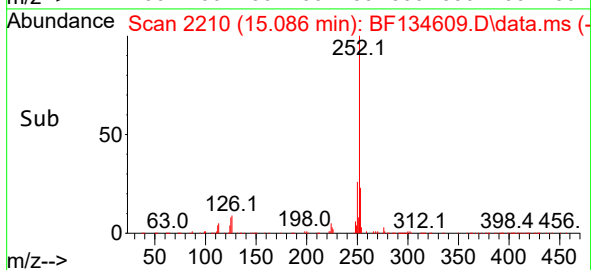
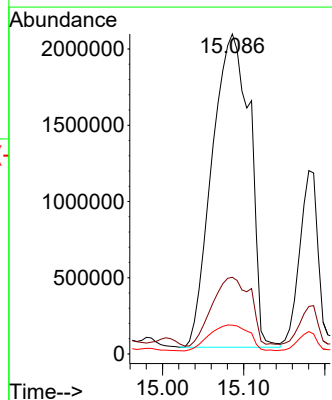
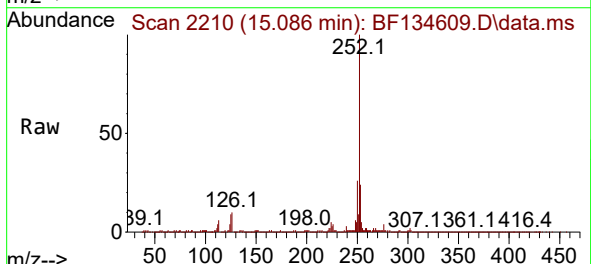
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

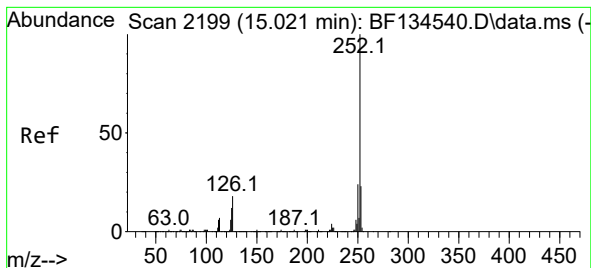
Tgt Ion:276 Resp: 2354611
Ion Ratio Lower Upper
276 100
138 20.5 14.2 21.4
277 23.0 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 427.831 ng
RT: 15.086 min Scan# 2210
Delta R.T. 0.094 min
Lab File: BF134609.D
Acq: 03 Aug 2023 13:33

Tgt Ion:252 Resp: 6647139
Ion Ratio Lower Upper
252 100
253 23.9 17.3 25.9
125 9.0 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 429.478 ng

RT: 15.086 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)

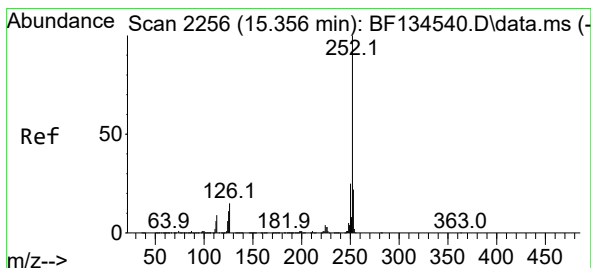
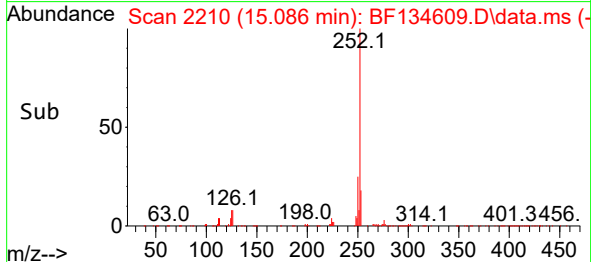
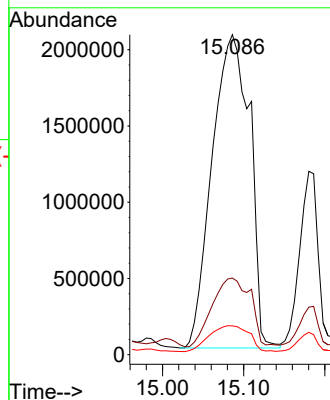
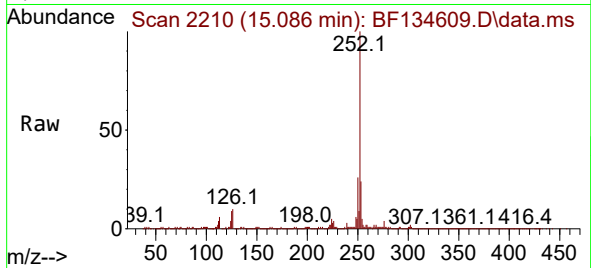
Tgt Ion:252 Resp: 6647139

Ion Ratio Lower Upper

252 100

253 23.9 17.9 26.9

125 9.0 6.3 9.5



#90

Benzo(a)pyrene

Concen: 429.626 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.112 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

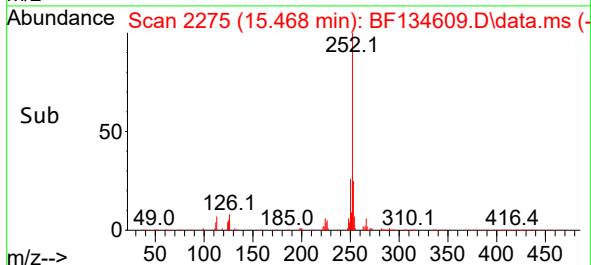
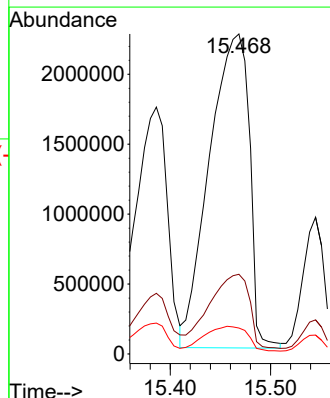
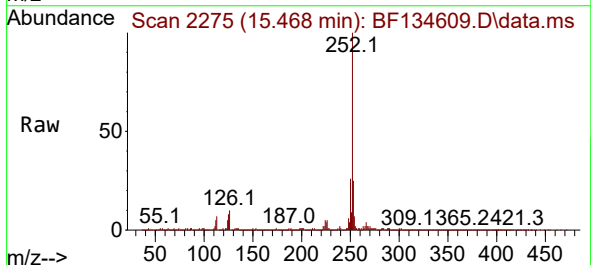
Tgt Ion:252 Resp: 6223676

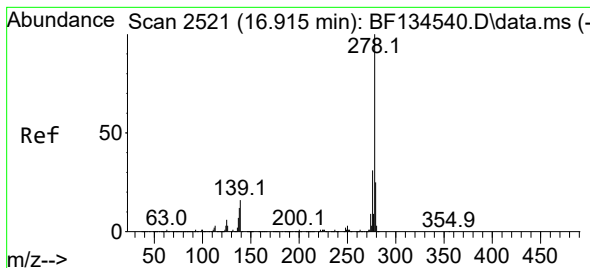
Ion Ratio Lower Upper

252 100

253 24.9 17.0 25.4

125 8.1 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 62.943 ng

RT: 17.039 min Scan# 21

Delta R.T. 0.124 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

Instrument :

BNA_F

ClientSampleId :

BUILDING-A-6-(5-10)

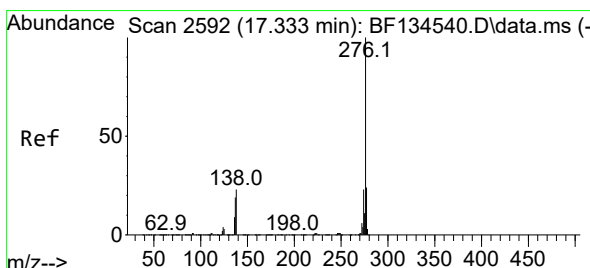
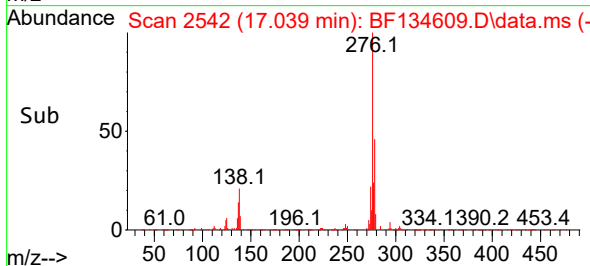
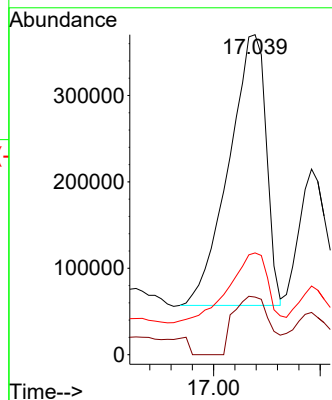
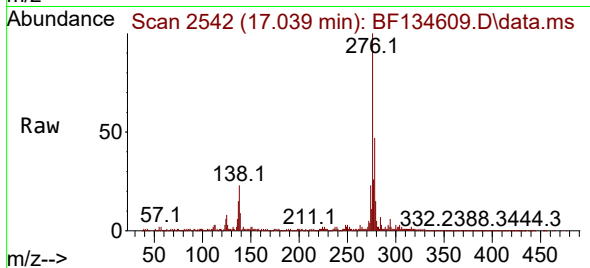
Tgt Ion:278 Resp: 762125

Ion Ratio Lower Upper

278 100

139 18.0 10.0 15.0#

279 31.8 19.7 29.5#



#92

Benzo(g,h,i)perylene

Concen: 207.747 ng

RT: 17.498 min Scan# 2620

Delta R.T. 0.165 min

Lab File: BF134609.D

Acq: 03 Aug 2023 13:33

Tgt Ion:276 Resp: 2565888

Ion Ratio Lower Upper

276 100

277 25.3 19.0 28.6

138 22.7 12.2 18.2#

