

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134698.D
 Acq On : 09 Aug 2023 19:35
 Operator : CG\JU
 Sample : 03932-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB-01-Z18-20

Quant Time: Aug 10 01:42:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	150015	20.000	ng	0.01
21) Naphthalene-d8	8.104	136	66889	20.000	ng	# 0.02
39) Acenaphthene-d10	9.869	164	211216	20.000	ng	0.04
64) Phenanthrene-d10	11.369	188	231337	20.000	ng	# 0.05
76) Chrysene-d12	14.039	240	170710	20.000	ng	# 0.06
86) Perylene-d12	15.492	264	263422	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	653980	66.268	ng	0.00
7) Phenol-d6	6.439	99	832669	66.005	ng	0.00
23) Nitrobenzene-d5	7.375	82	360908	337.187	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	139658	64.862	ng	0.04
45) 2-Fluorobiphenyl	9.186	172	735011	57.860	ng	0.02
79) Terphenyl-d14	12.957	244	661253	68.285	ng	0.04
Target Compounds						
						Qvalue
3) Pyridine	3.287	79	30517	2.480	ng	# 27
6) Aniline	6.504	93	33550	2.028	ng	# 1
9) Benzaldehyde	6.369	77	259202	44.648	ng	# 1
11) bis(2-Chloroethyl)ether	6.504	93	33550	3.397	ng	# 1
15) Benzyl Alcohol	6.981	79	20724	2.381	ng	# 5
17) 2-Methylphenol	7.051	107	21564	2.451	ng	# 1
18) Hexachloroethane	7.310	117	193327	53.361	ng	# 1
19) n-Nitroso-di-n-propyla...	7.234	70	68215	9.031	ng	# 61
22) Acetophenone	7.210	105	508502	329.301	ng	# 45
24) Nitrobenzene	7.392	77	111941	96.806	ng	# 15
25) Isophorone	7.663	82	23743	10.170	ng	# 1
26) 2-Nitrophenol	7.728	139	17300	36.441	ng	# 1
27) 2,4-Dimethylphenol	7.745	122	11573	11.110	ng	# 1
28) bis(2-Chloroethoxy)met...	7.857	93	11889	8.513	ng	# 1
29) 2,4-Dichlorophenol	7.969	162	12898	13.643	ng	# 1
31) Naphthalene	8.198	128	25291896	7523.508	ng	# 87
32) Benzoic acid	7.898	122	9897	20.045	ng	# 1
33) 4-Chloroaniline	8.239	127	6543047	4368.187	ng	# 37
35) Caprolactam	8.569	113	18418	60.384	ng	# 1
36) 4-Chloro-3-methylphenol	8.639	107	26643	26.610	ng	# 1
37) 2-Methylnaphthalene	8.892	142	15542943	6975.332	ng	98
38) 1-Methylnaphthalene	8.892	142	15542943	7501.225	ng	98
44) 2,4,5-Trichlorophenol	9.133	196	10019	2.181	ng	# 1
46) 1,1'-Biphenyl	9.298	154	3172824	193.173	ng	97
47) 2-Chloronaphthalene	9.292	162	37837	3.074	ng	# 1
48) 2-Nitroaniline	9.416	65	22358	8.609	ng	# 40
49) Acenaphthylene	9.745	152	1639133	84.730	ng	# 88
50) Dimethylphthalate	9.604	163	39391	2.736	ng	# 6
51) 2,6-Dinitrotoluene	9.728	165	45231	17.033	ng	# 64
52) Acenaphthene	9.957	154	7601686	606.352	ng	97
54) 2,4-Dinitrophenol	9.969	184	7478	14.922	ng	# 1
55) Dibenzofuran	10.092	168	805435	45.131	ng	# 74
56) 4-Nitrophenol	9.998	139	219137	83.503	ng	# 23
57) 2,4-Dinitrotoluene	10.045	165	145147	41.173	ng	# 42
58) Fluorene	10.398	166	637969	49.077	ng	# 43
60) Diethylphthalate	10.322	149	28991	2.125	ng	# 1

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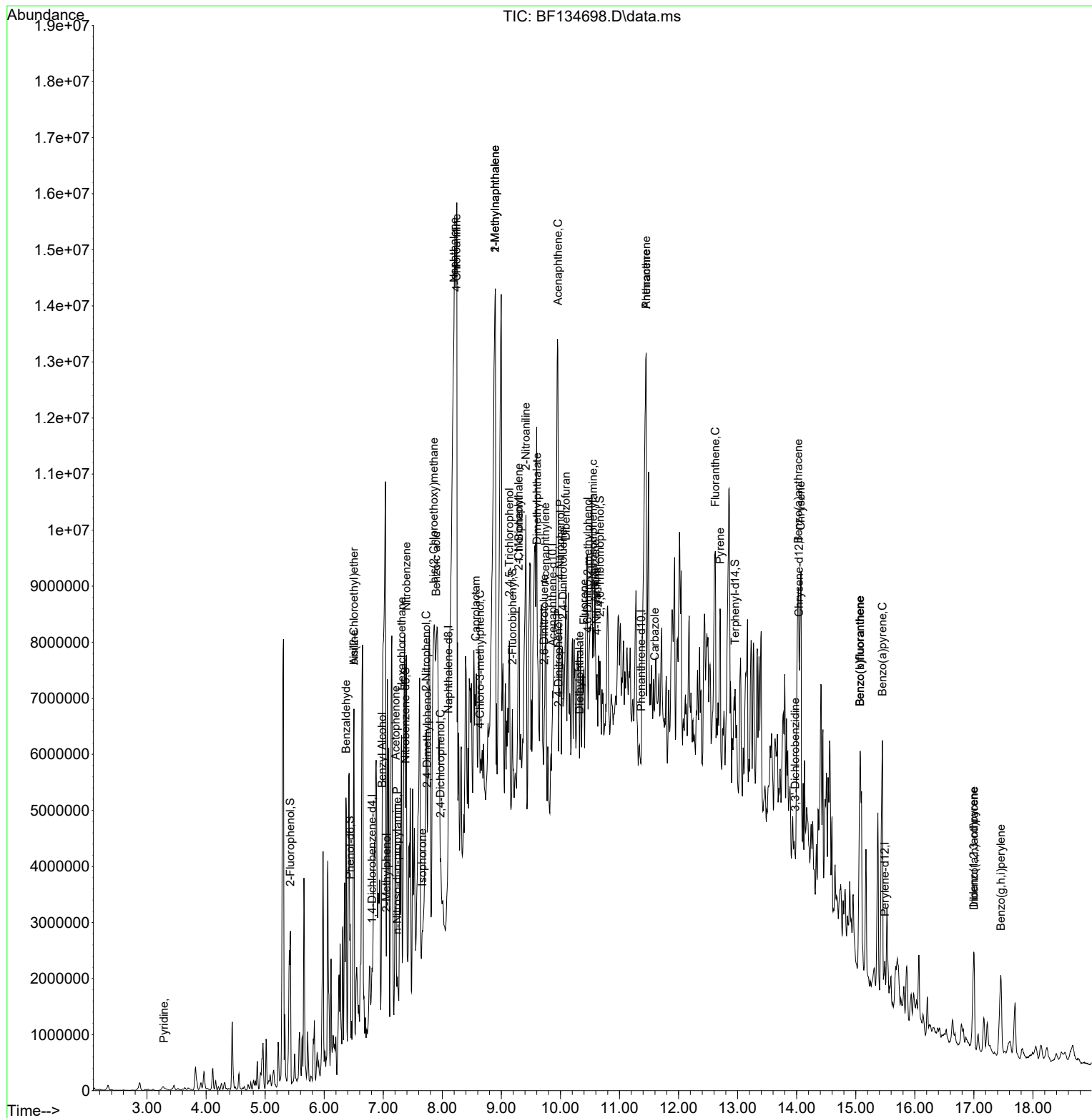
62) 4-Nitroaniline	10.616	138	8765	2.787	ng	85
63) Azobenzene	10.592	77	44137	3.011	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.463	198	4143	12.327	ng	# 1
66) n-Nitrosodiphenylamine	10.551	169	306975	41.690	ng	# 33
71) Phenanthrene	11.451	178	14378141	1170.126	ng	# 94
72) Anthracene	11.451	178	14378141	1145.555	ng	# 91
73) Carbazole	11.598	167	371625	33.161	ng	# 81
75) Fluoranthene	12.621	202	6188589	476.792	ng	96
78) Pyrene	12.704	202	3536016	239.376	ng	94
81) Benzo(a)anthracene	14.027	228	5719626	468.569	ng	# 82
82) 3,3'-Dichlorobenzidine	13.974	252	9116	2.576	ng	# 42
83) Chrysene	14.068	228	3941969	331.469	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.998	276	1314255	84.832	ng	# 93
88) Benzo(b)fluoranthene	15.074	252	4750341	295.680	ng	# 94
89) Benzo(k)fluoranthene	15.074	252	4750341	296.817	ng	# 95
90) Benzo(a)pyrene	15.451	252	3937337	262.848	ng	# 94
91) Dibenzo(a,h)anthracene	17.004	278	423423	33.819	ng	# 91
92) Benzo(g,h,i)perylene	17.456	276	1413134	110.647	ng	# 92

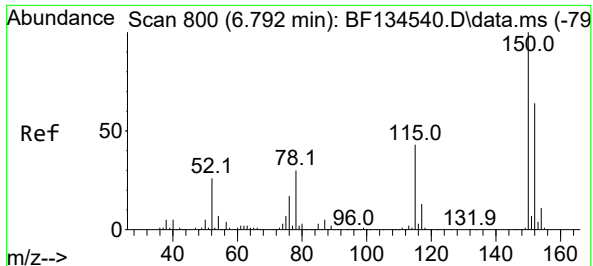
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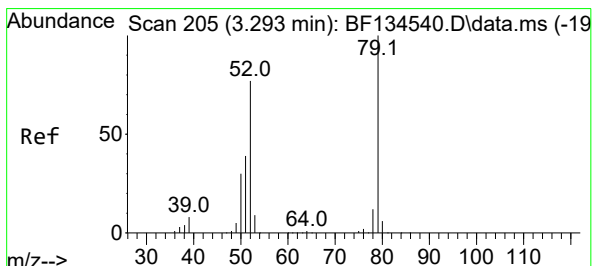
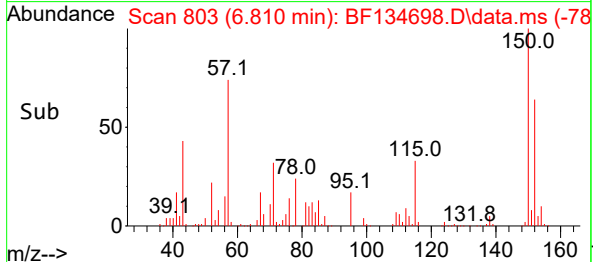
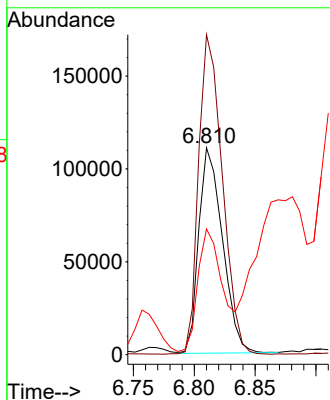
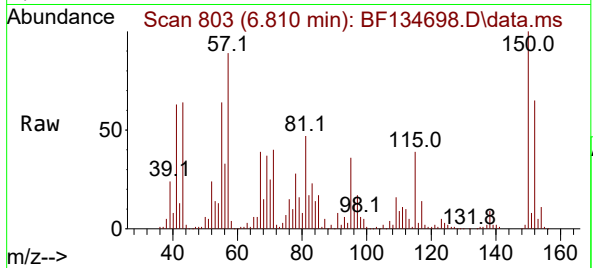




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 801
Delta R.T. 0.012 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

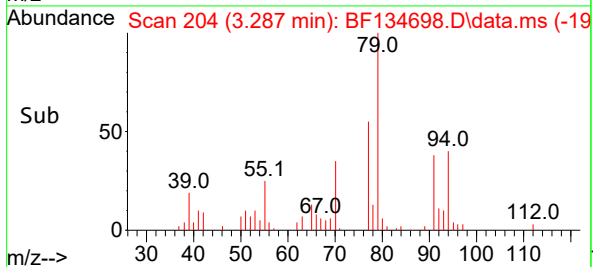
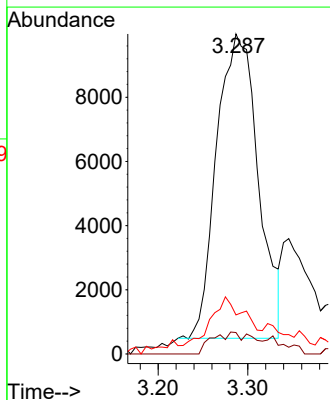
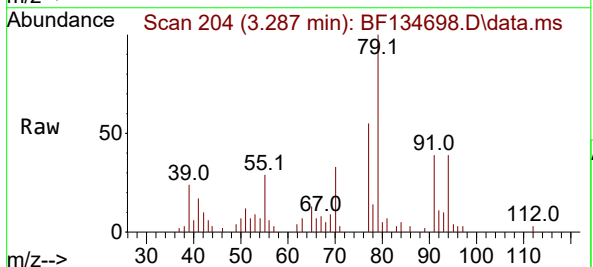
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ClientSampleId :
NEVINS-SB-01-Z18-20

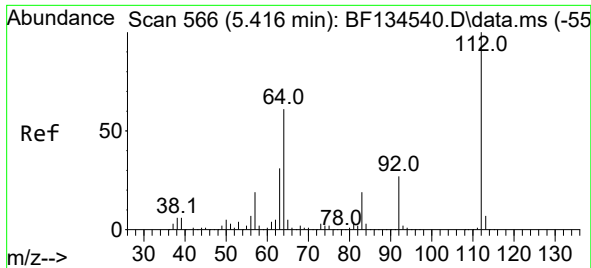
Tgt Ion:152 Resp: 150015
Ion Ratio Lower Upper
152 100
150 154.7 128.3 192.5
115 60.8 52.4 78.6



#3
Pyridine
Concen: 2.480 ng
RT: 3.287 min Scan# 204
Delta R.T. -0.018 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion: 79 Resp: 30517
Ion Ratio Lower Upper
79 100
52 6.7 66.6 100.0#
51 12.2 36.5 54.7#

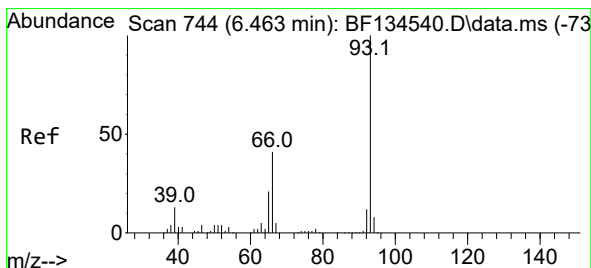
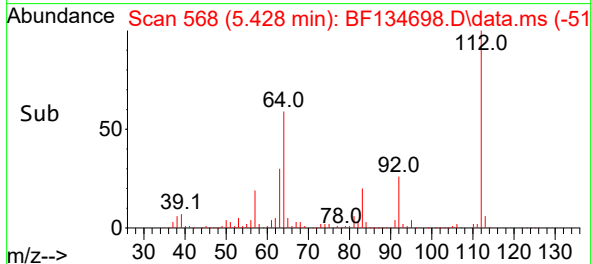
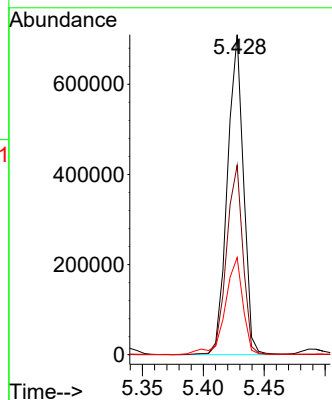
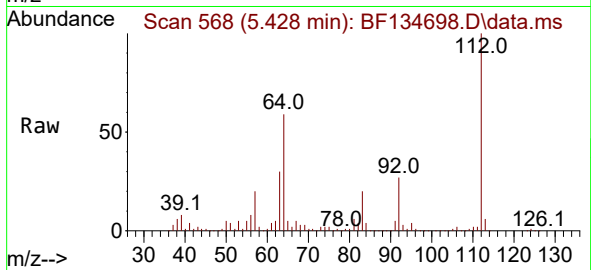




#5
2-Fluorophenol
Concen: 66.268 ng
RT: 5.428 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

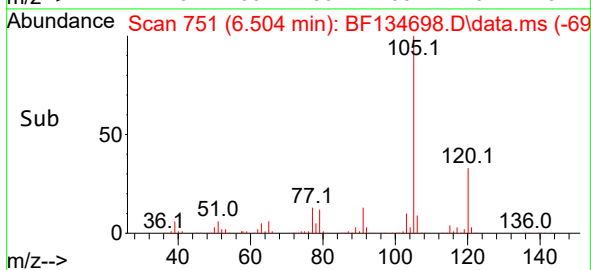
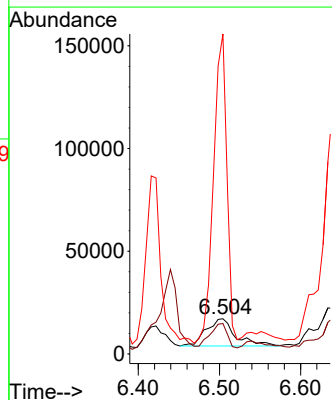
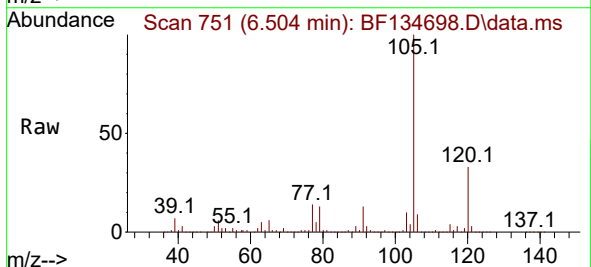
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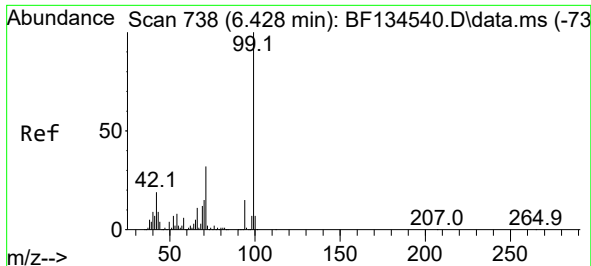
Tgt Ion:112 Resp: 653980
Ion Ratio Lower Upper
112 100
64 59.2 44.9 67.3
63 30.4 25.4 38.0



#6
Aniline
Concen: 2.028 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.035 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion: 93 Resp: 33550
Ion Ratio Lower Upper
93 100
66 86.3 36.8 55.2#
65 907.8 19.4 29.0#

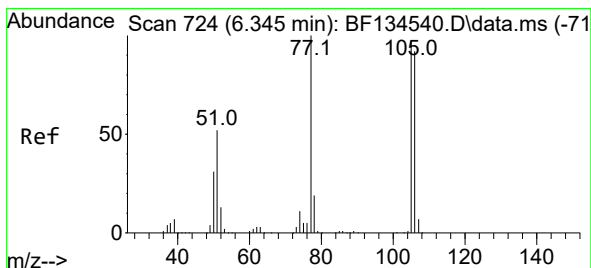
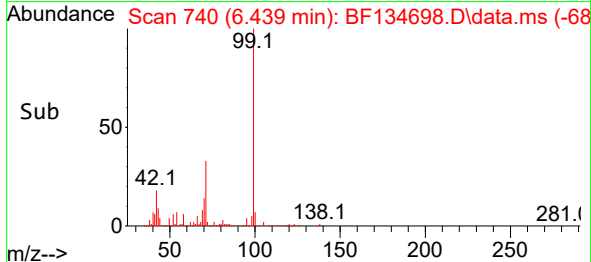
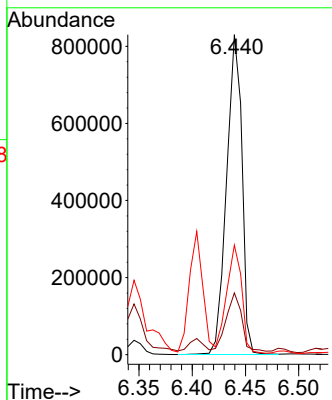
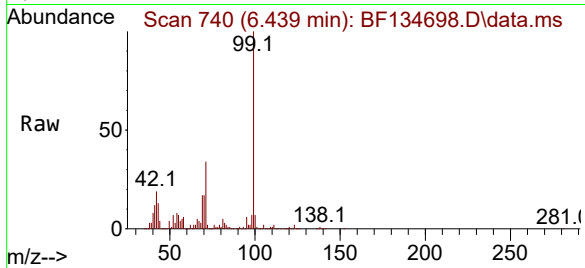




#7
Phenol-d6
Concen: 66.005 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

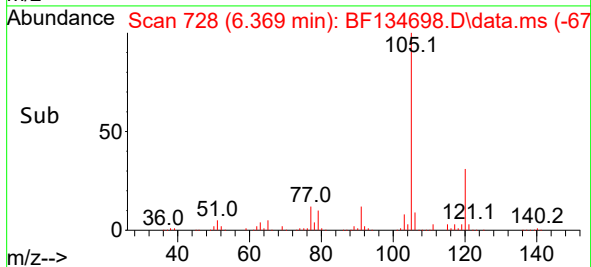
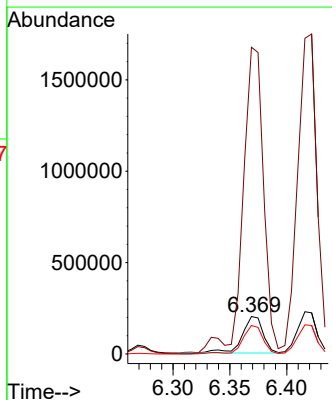
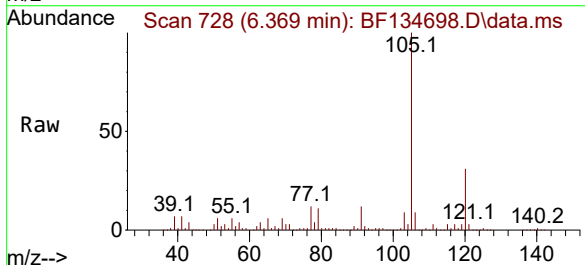
Instrument :
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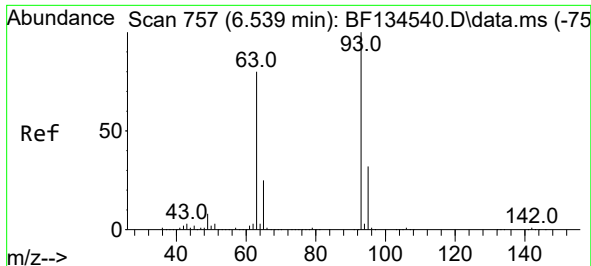
Tgt Ion: 99 Resp: 832669
Ion Ratio Lower Upper
99 100
42 19.3 18.7 28.1
71 34.3 36.4 54.6#



#9
Benzaldehyde
Concen: 44.648 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.012 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion: 77 Resp: 259202
Ion Ratio Lower Upper
77 100
105 818.7 77.1 117.1#
106 75.9 71.4 111.4

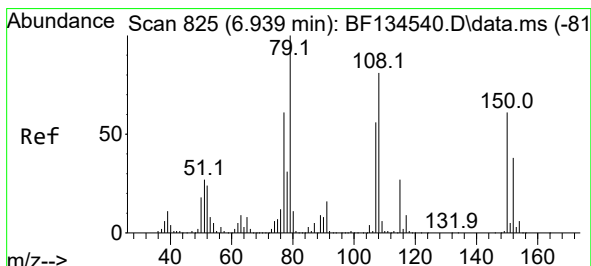
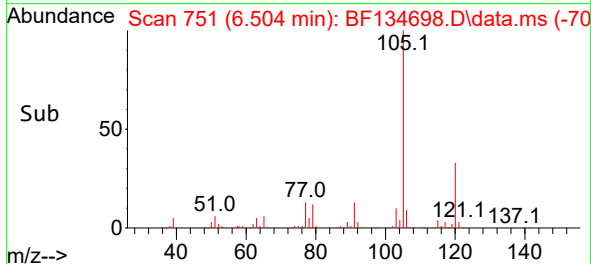
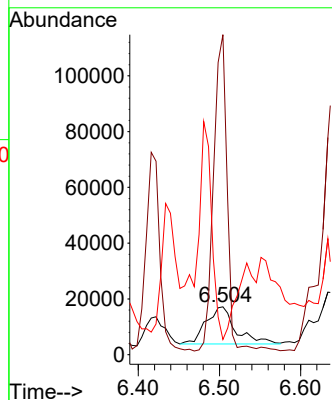
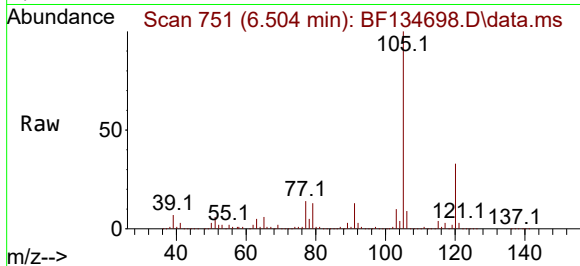




#11
bis(2-Chloroethyl)ether
Concen: 3.397 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.041 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

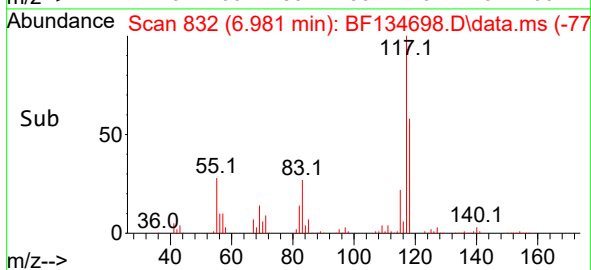
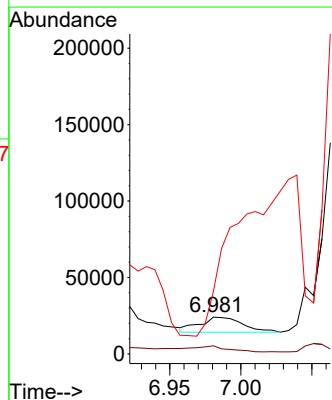
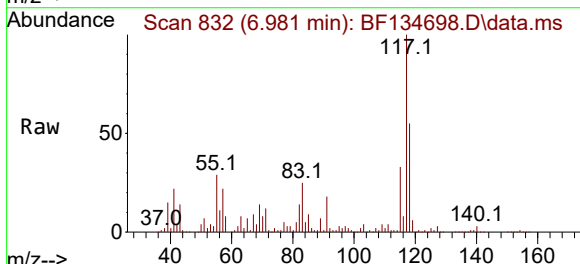
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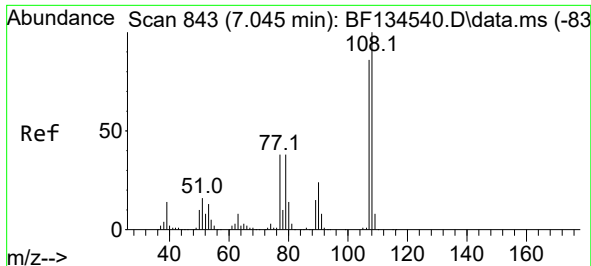
Tgt Ion: 93 Resp: 33550
Ion Ratio Lower Upper
93 100
63 668.8 68.4 108.4#
95 31.6 12.4 52.4



#15
Benzyl Alcohol
Concen: 2.381 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.035 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion: 79 Resp: 20724
Ion Ratio Lower Upper
79 100
108 22.1 56.3 84.5#
77 168.8 50.6 76.0#

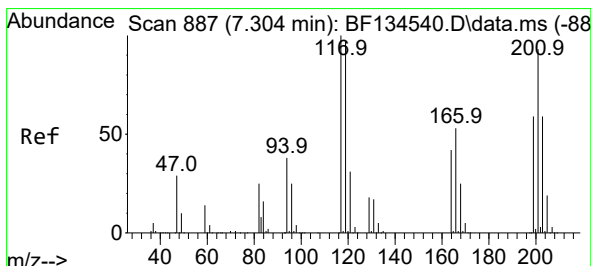
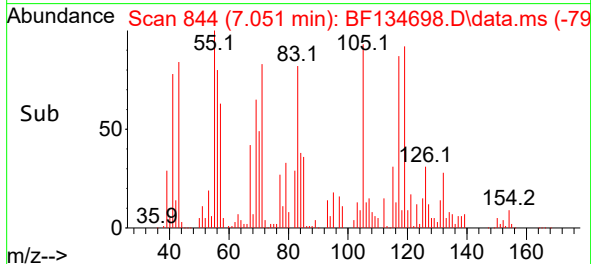
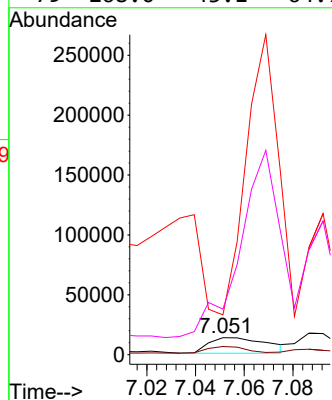
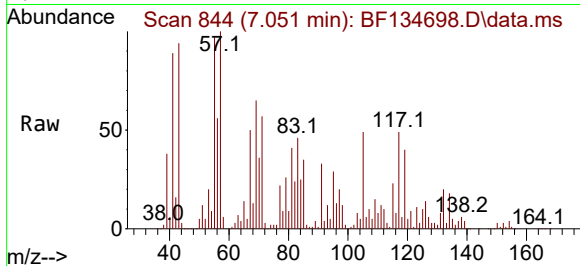




#17
2-Methylphenol
Concen: 2.451 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

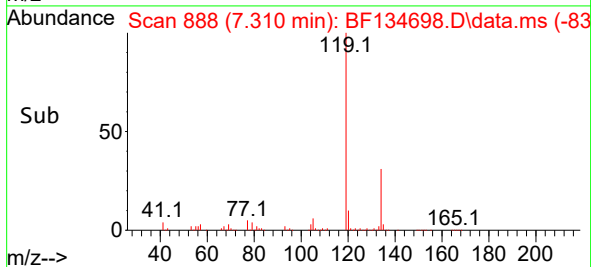
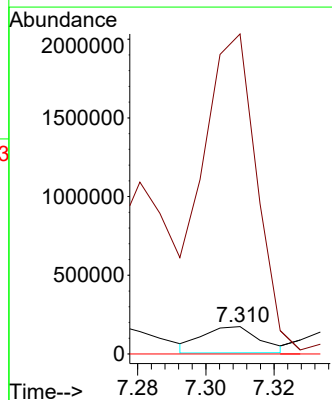
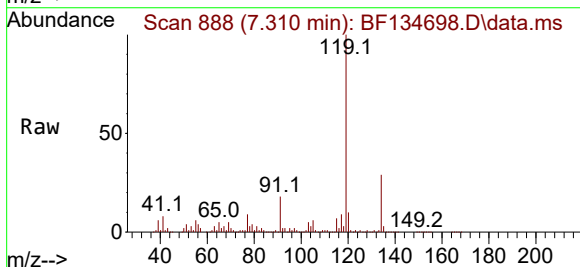
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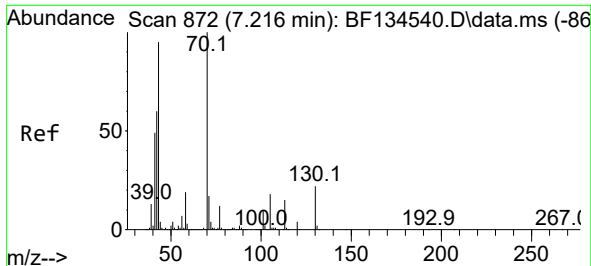
Tgt Ion:107 Resp: 21564
Ion Ratio Lower Upper
107 100
108 48.0 89.4 134.2#
77 234.2 42.4 63.6#
79 268.0 43.1 64.7#



#18
Hexachloroethane
Concen: 53.361 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:117 Resp: 193327
Ion Ratio Lower Upper
117 100
119 1169.7 75.8 113.8#
201 0.0 73.6 110.4#





#19

n-Nitroso-di-n-propylamine

Concen: 9.031 ng

RT: 7.234 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF134698.D

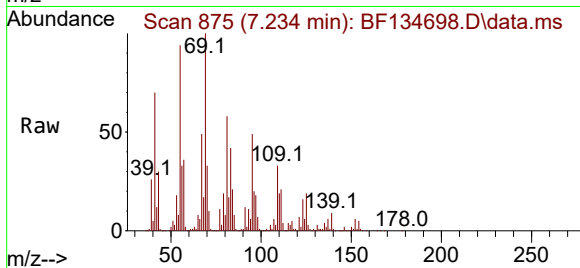
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BNA_F

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Tgt Ion: 70 Resp: 68215

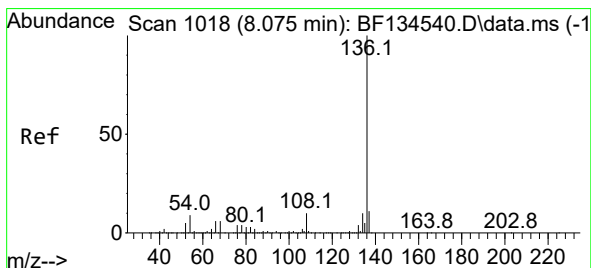
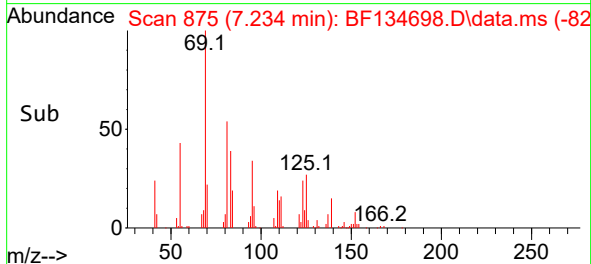
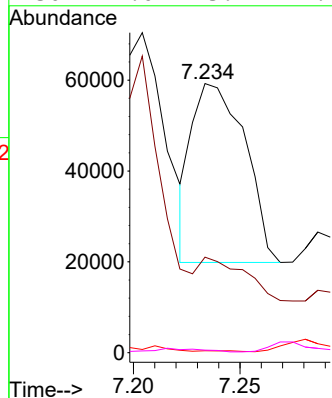
Ion Ratio Lower Upper

70 100

42 35.5 54.7 82.1#

101 0.7 8.2 12.2#

130 1.0 15.1 22.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.024 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

Tgt Ion: 136 Resp: 66889

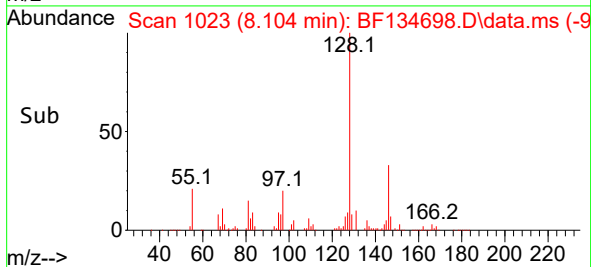
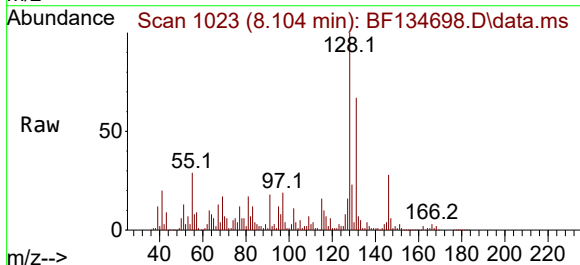
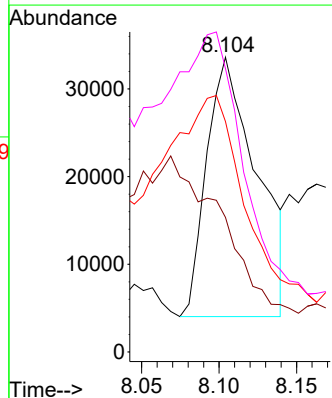
Ion Ratio Lower Upper

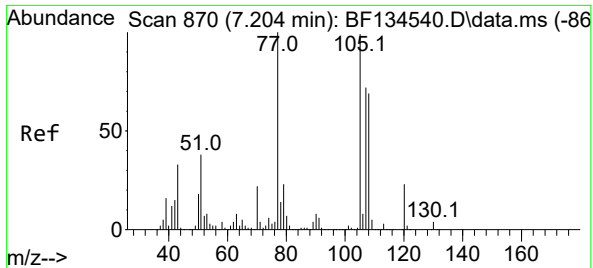
136 100

137 45.6 8.4 12.6#

54 78.2 5.2 7.8#

68 96.2 2.9 4.3#

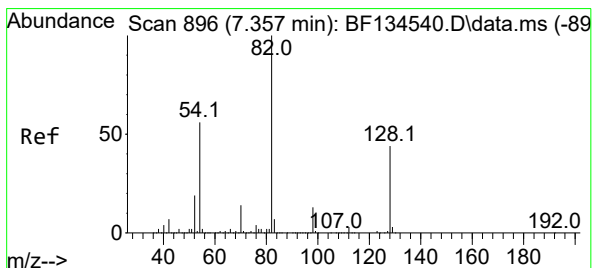
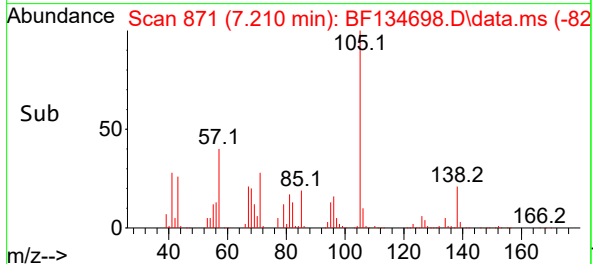
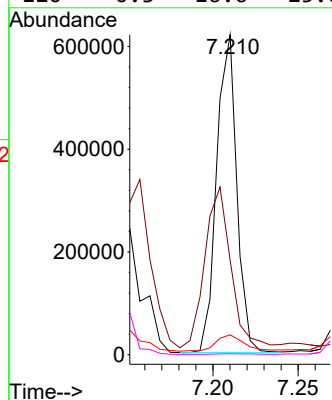
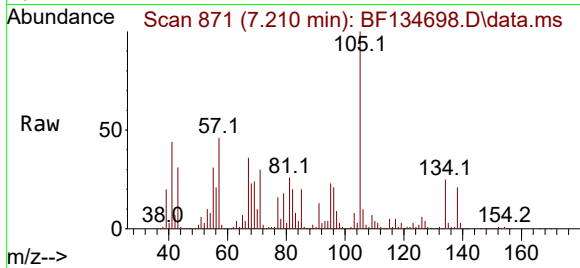




#22
Acetophenone
Concen: 329.301 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

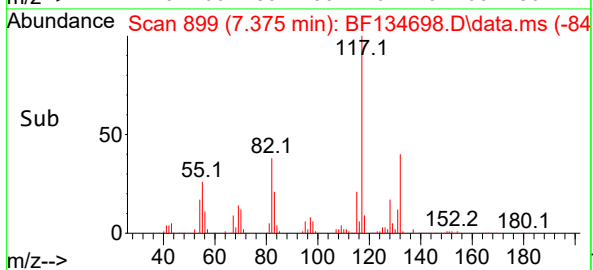
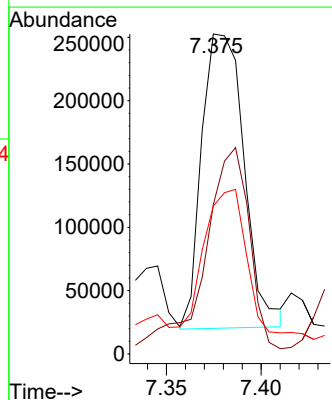
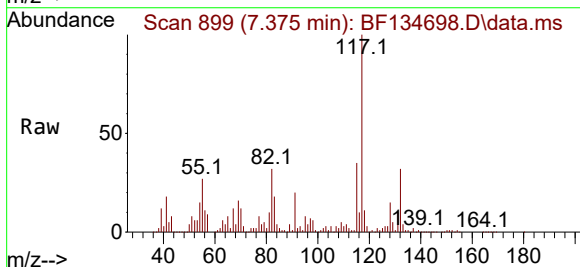
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

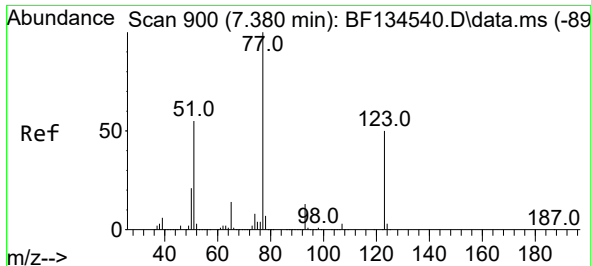
Tgt Ion:105 Resp: 508502
Ion Ratio Lower Upper
105 100
71 29.5 7.4 11.0#
51 6.2 36.4 54.6#
120 0.3 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 337.187 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.006 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion: 82 Resp: 360908
Ion Ratio Lower Upper
82 100
128 46.6 34.3 51.5
54 46.3 43.8 65.6

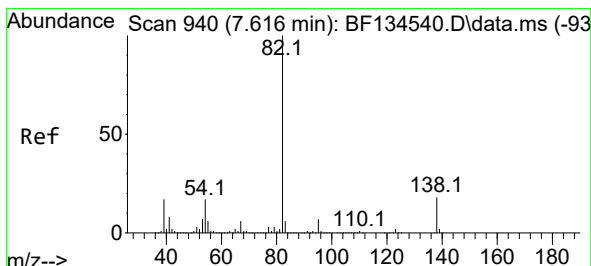
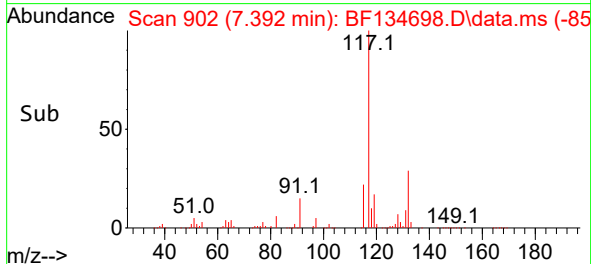
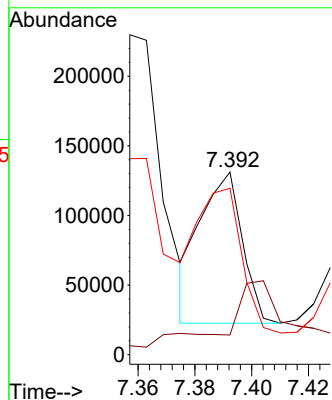
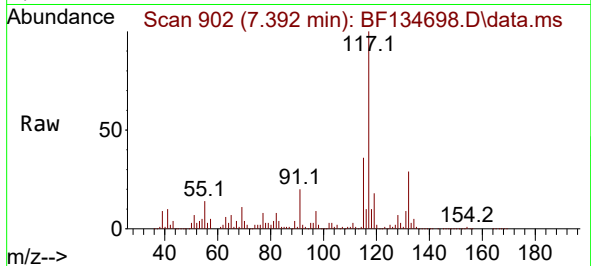




#24
Nitrobenzene
Concen: 96.806 ng
RT: 7.392 min Scan# 900
Delta R.T. 0.006 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

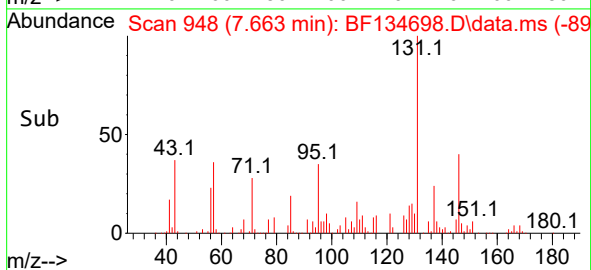
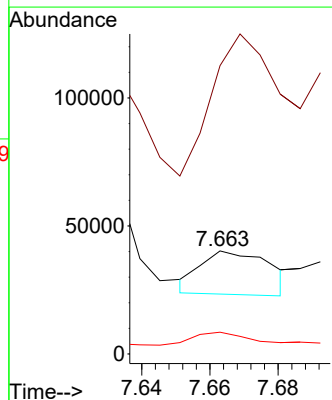
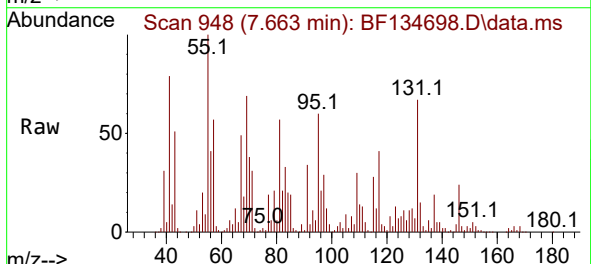
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

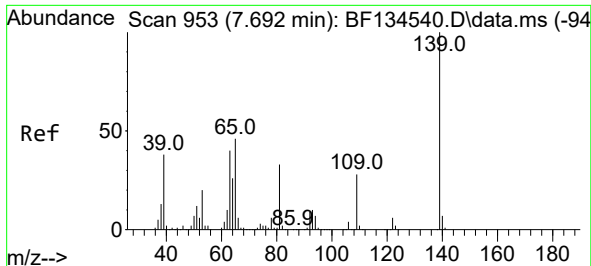
Tgt Ion: 77 Resp: 111941
Ion Ratio Lower Upper
77 100
123 10.8 35.5 53.3#
65 91.2 11.9 17.9#



#25
Isophorone
Concen: 10.170 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.035 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion: 82 Resp: 23743
Ion Ratio Lower Upper
82 100
95 279.6 6.0 9.0#
138 21.1 14.6 22.0

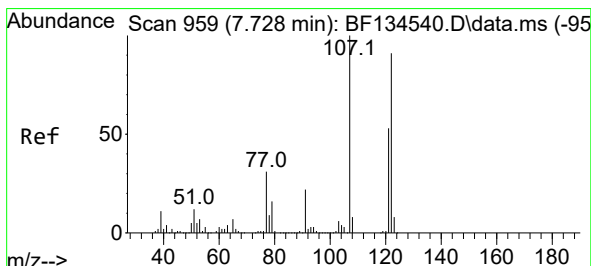
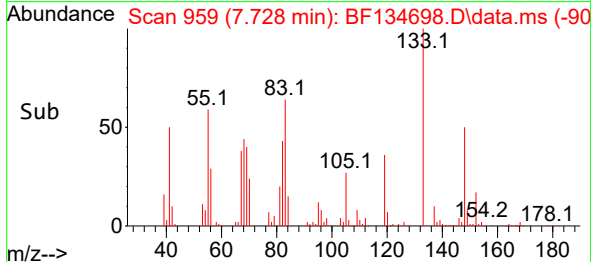
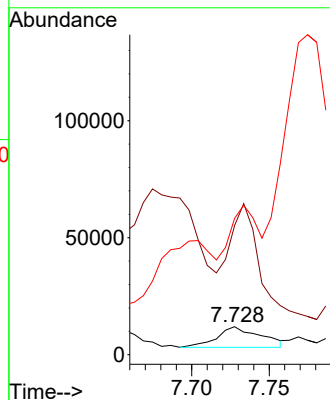
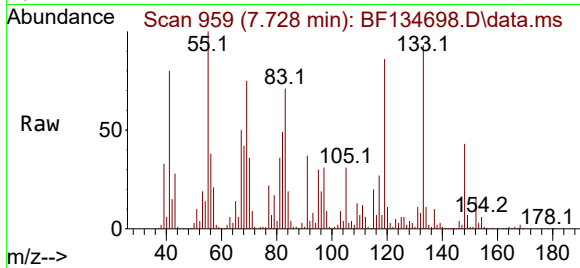




#26
2-Nitrophenol
Concen: 36.441 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.029 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

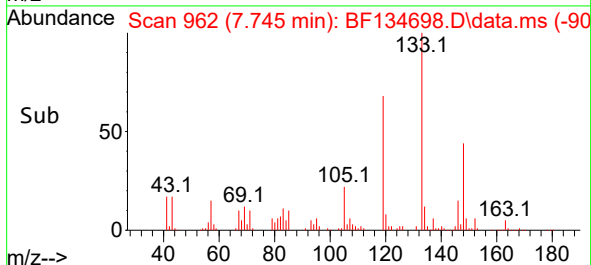
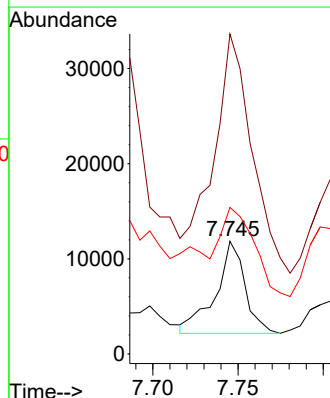
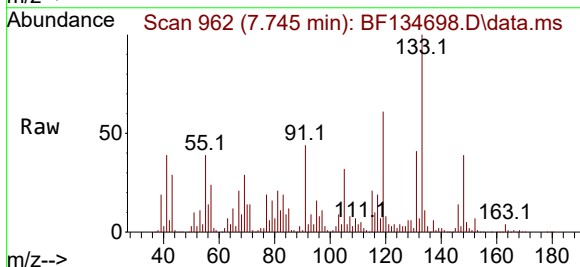
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

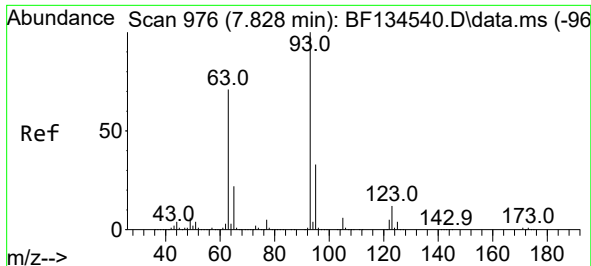
Tgt Ion:139 Resp: 17300
Ion Ratio Lower Upper
139 100
109 460.8 29.8 44.6#
65 486.9 45.4 68.2#



#27
2,4-Dimethylphenol
Concen: 11.110 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:122 Resp: 11573
Ion Ratio Lower Upper
122 100
107 284.0 106.7 160.1#
121 130.1 49.0 73.6#

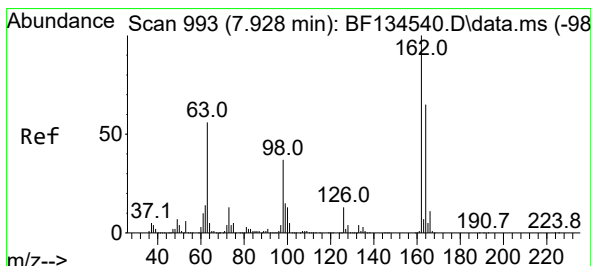
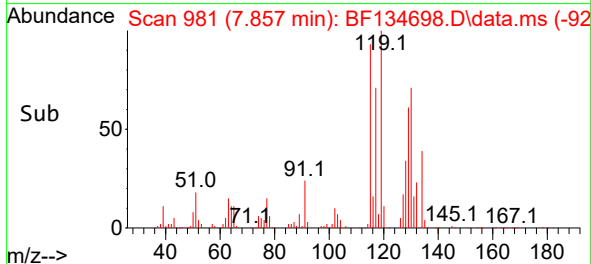
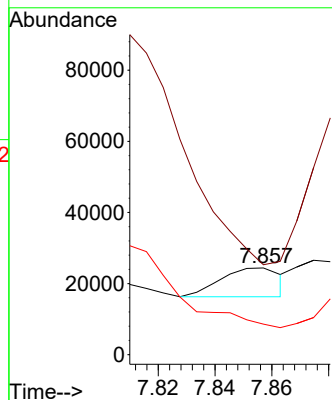
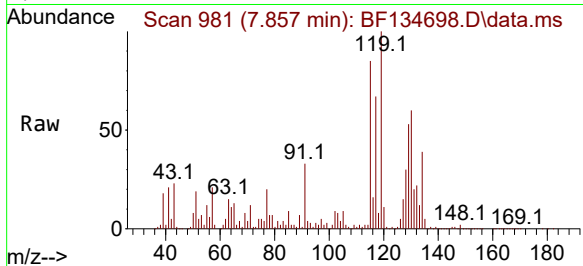




#28
bis(2-Chloroethoxy)methane
Concen: 8.513 ng
RT: 7.857 min Scan# 91
Delta R.T. 0.024 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

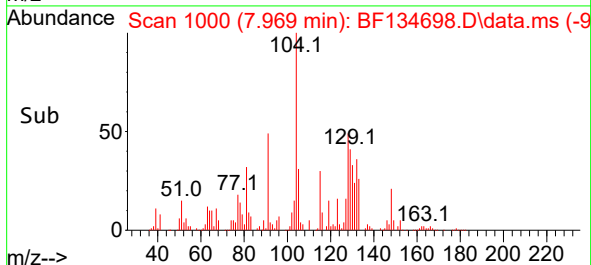
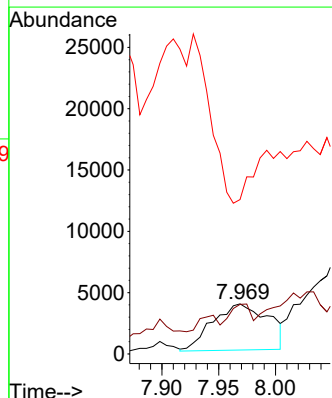
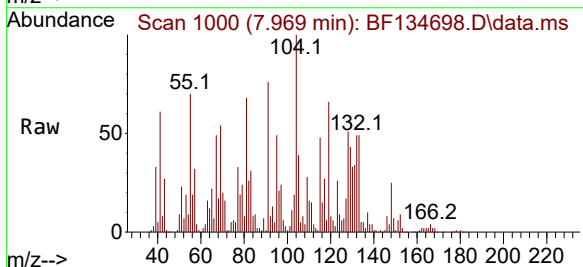
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

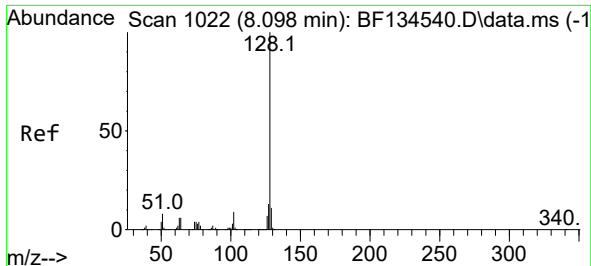
Tgt Ion: 93 Resp: 11889
Ion Ratio Lower Upper
93 100
95 103.6 26.5 39.7#
123 35.2 9.6 14.4#



#29
2,4-Dichlorophenol
Concen: 13.643 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.029 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion: 162 Resp: 12898
Ion Ratio Lower Upper
162 100
164 98.9 42.2 82.2#
98 307.8 15.5 55.5#

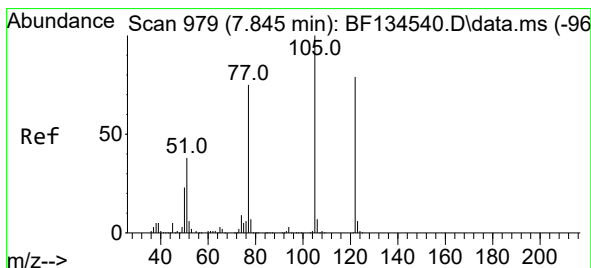
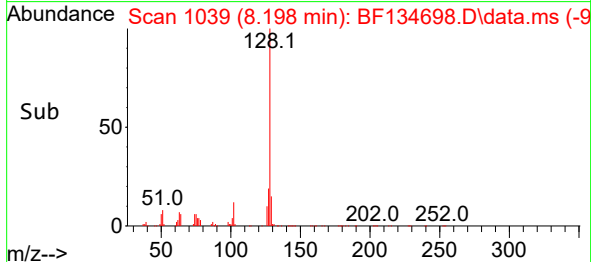
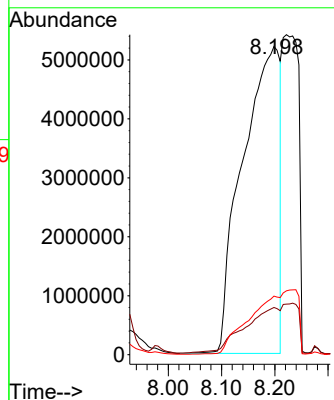
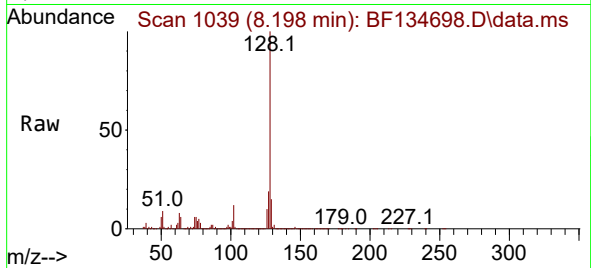




#31
Naphthalene
Concen: 7523.508 ng
RT: 8.198 min Scan# 1022
Delta R.T. 0.094 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

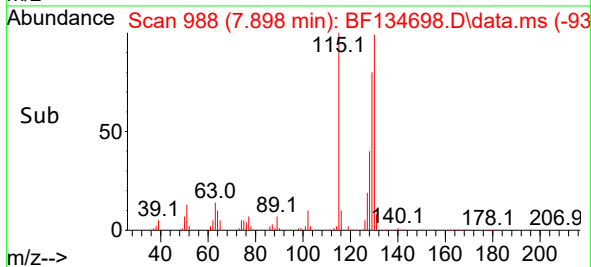
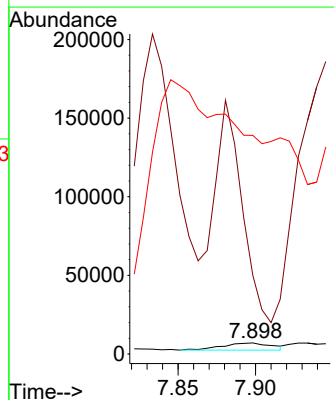
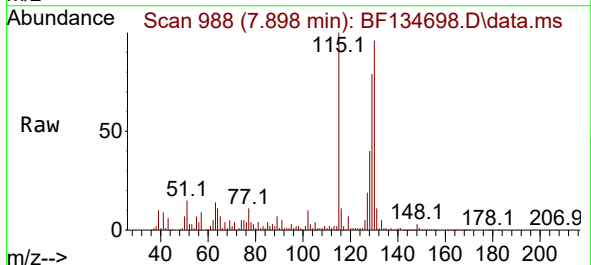
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

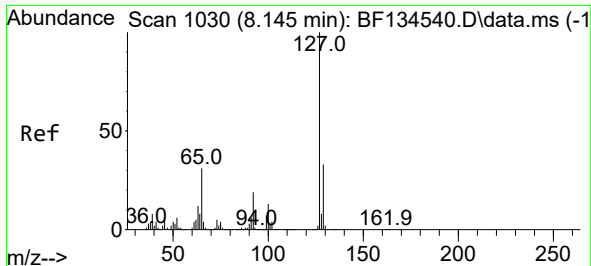
Tgt Ion:128 Resp:25291896
Ion Ratio Lower Upper
128 100
129 15.3 8.4 12.6#
127 19.0 10.7 16.1#



#32
Benzoic acid
Concen: 20.045 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.035 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:122 Resp: 9897
Ion Ratio Lower Upper
122 100
105 714.9 87.5 127.5#
77 1989.8 71.4 111.4#

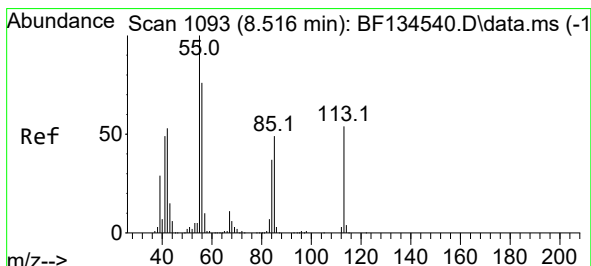
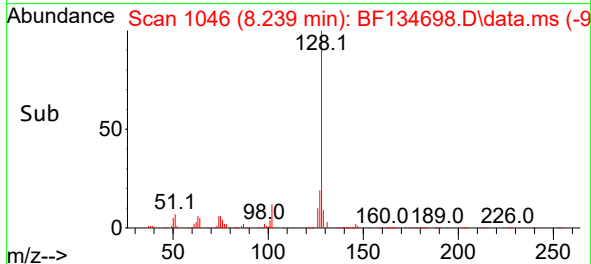
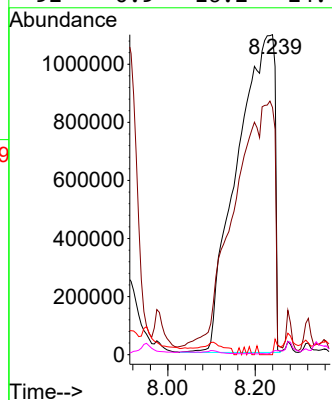
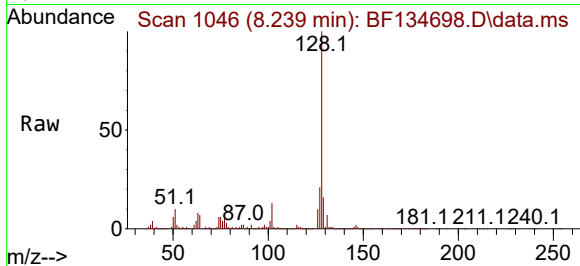




#33
4-Chloroaniline
Concen: 4368.187 ng
RT: 8.239 min Scan# 110
Delta R.T. 0.088 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

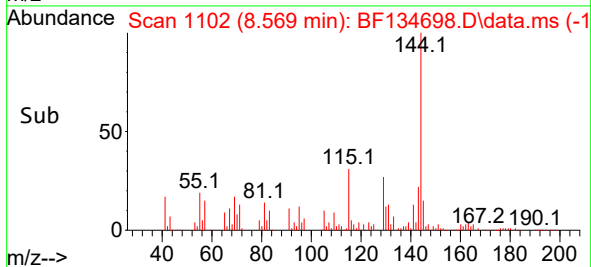
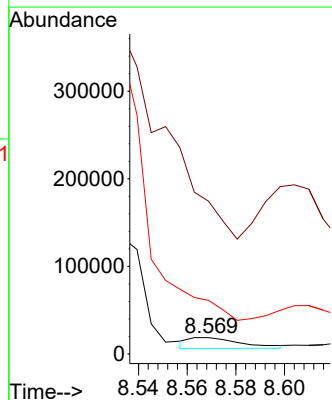
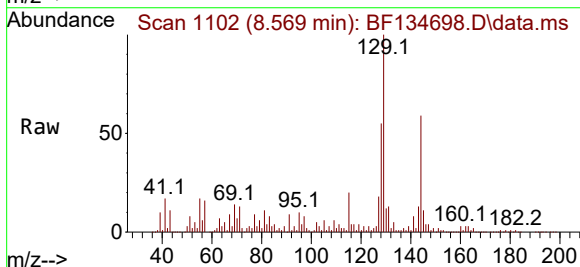
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

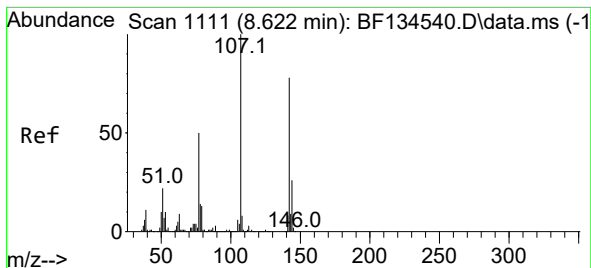
Tgt Ion:127 Resp: 6543047
Ion Ratio Lower Upper
127 100
129 77.3 25.6 38.4#
65 0.0 25.4 38.0#
92 0.9 16.2 24.4#



#35
Caprolactam
Concen: 60.384 ng
RT: 8.569 min Scan# 1102
Delta R.T. 0.035 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:113 Resp: 18418
Ion Ratio Lower Upper
113 100
55 934.0 161.5 201.5#
56 328.0 117.8 157.8#





#36

4-Chloro-3-methylphenol

Concen: 26.610 ng

RT: 8.639 min Scan# 1114

Delta R.T. 0.006 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z18-20

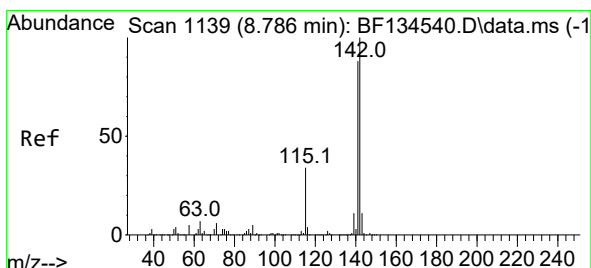
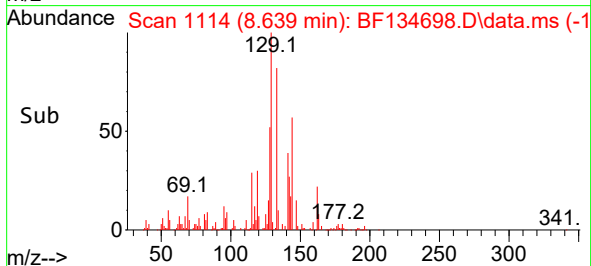
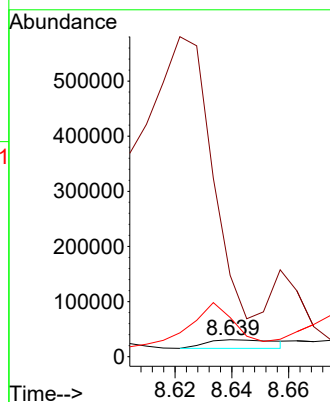
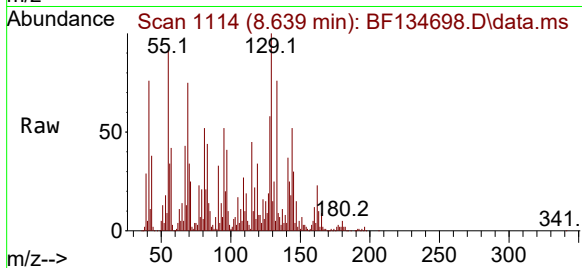
Tgt Ion:107 Resp: 26643

Ion Ratio Lower Upper

107 100

144 480.3 19.6 29.4#

142 230.6 57.7 86.5#



#37

2-Methylnaphthalene

Concen: 6975.332 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.100 min

Lab File: BF134698.D

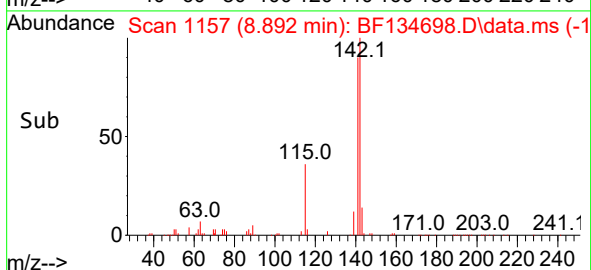
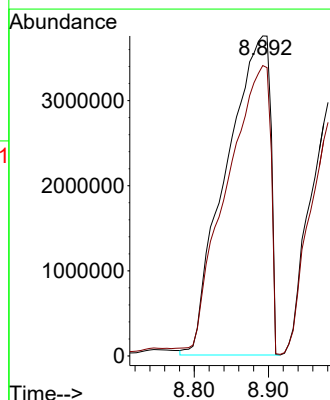
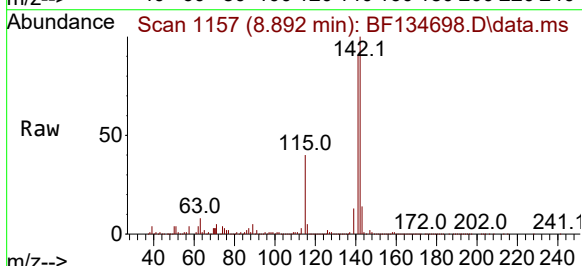
Acq: 09 Aug 2023 19:35

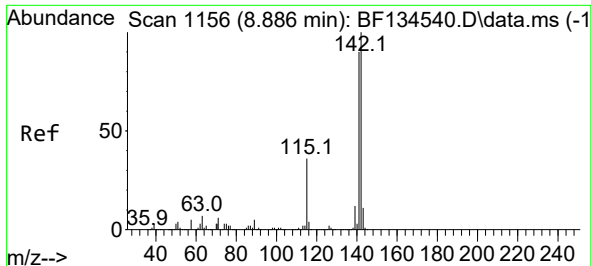
Tgt Ion:142 Resp:15542943

Ion Ratio Lower Upper

142 100

141 90.8 70.8 106.2

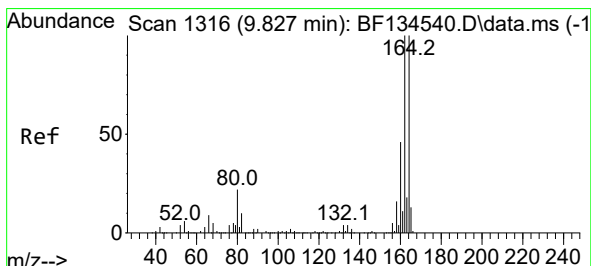
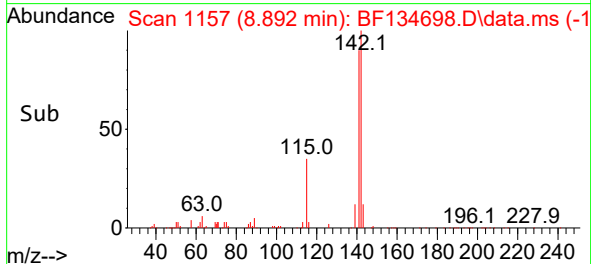
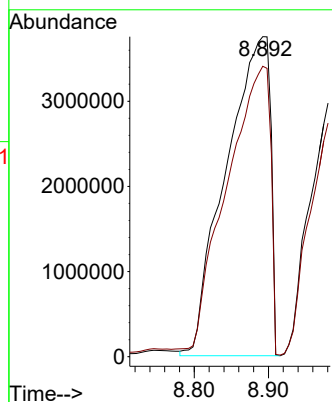
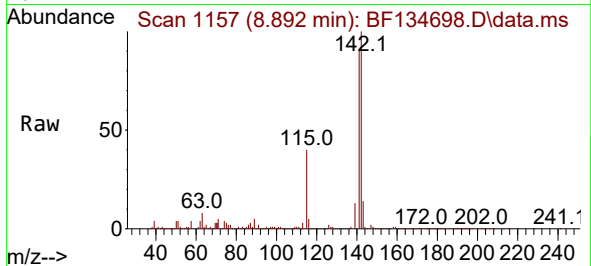




#38
1-Methylnaphthalene
Concen: 7501.225 ng
RT: 8.892 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

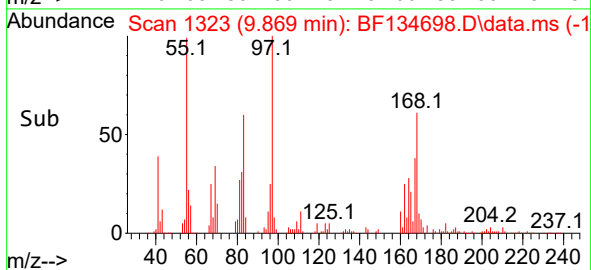
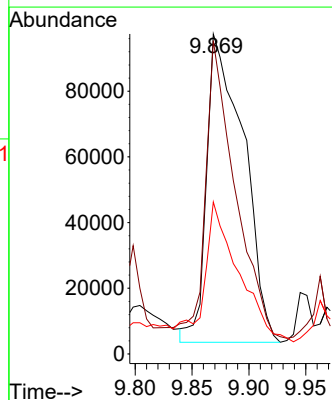
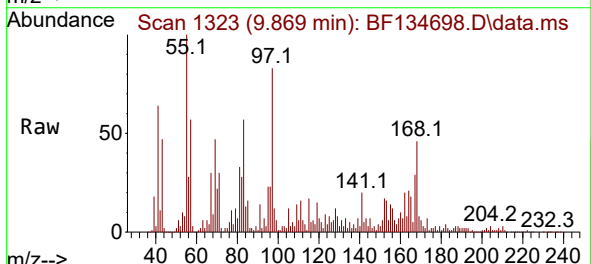
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

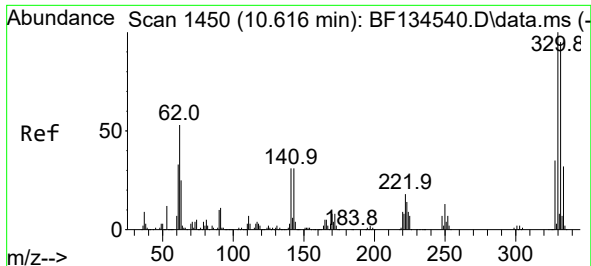
Tgt Ion:142 Resp:15542943
Ion Ratio Lower Upper
142 100
141 90.8 71.4 107.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.035 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:164 Resp: 211216
Ion Ratio Lower Upper
164 100
162 97.9 82.6 123.8
160 47.5 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 64.862 ng

RT: 10.669 min Scan# 1450

Delta R.T. 0.041 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z18-20

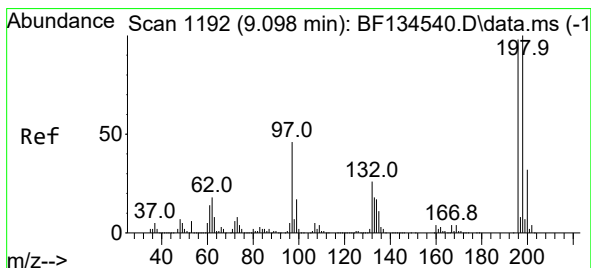
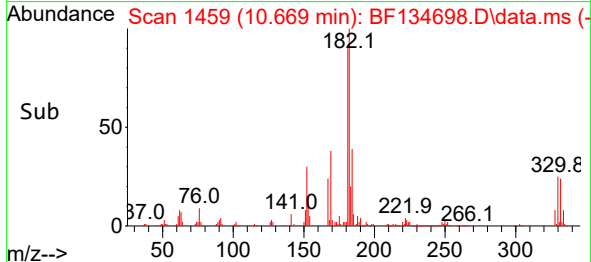
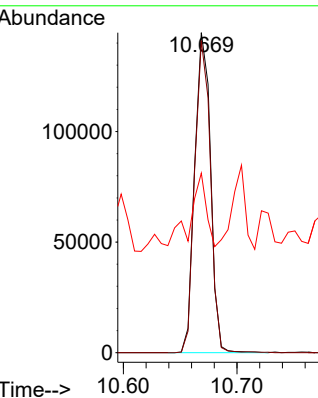
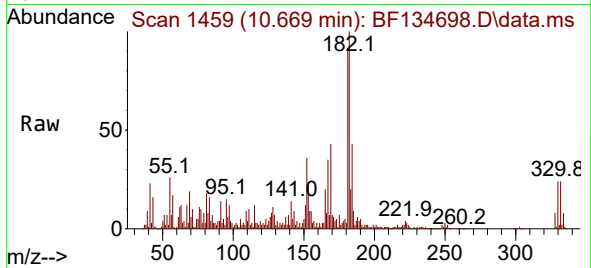
Tgt Ion:330 Resp: 139658

Ion Ratio Lower Upper

330 100

332 96.8 78.8 118.2

141 29.8 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 2.181 ng

RT: 9.133 min Scan# 1198

Delta R.T. 0.024 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

Tgt Ion:196 Resp: 10019

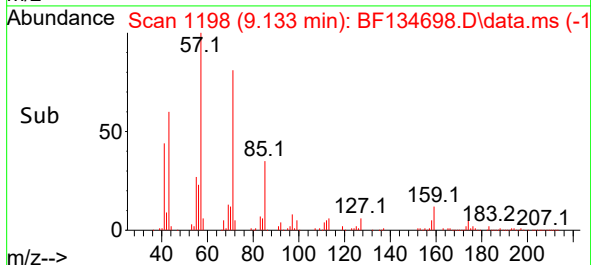
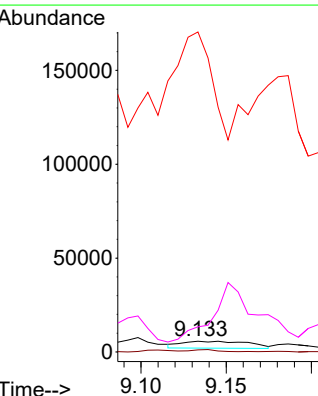
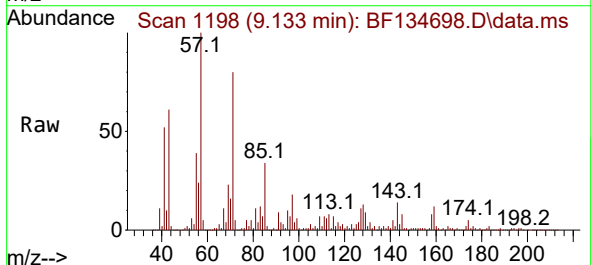
Ion Ratio Lower Upper

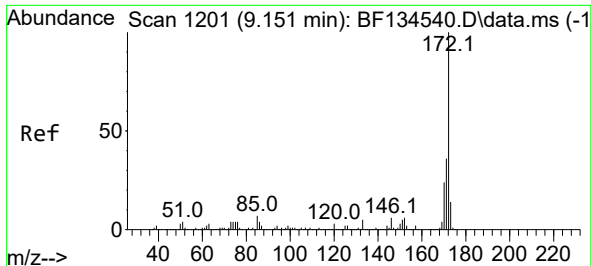
196 100

198 19.1 73.0 109.4#

97 2962.6 40.8 61.2#

132 232.3 23.3 34.9#

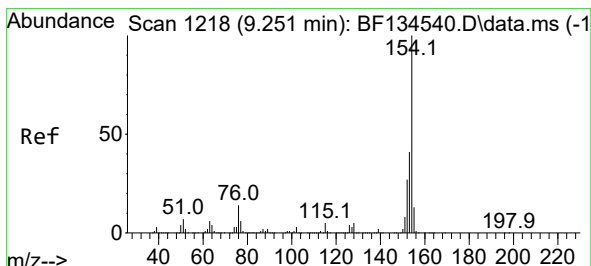
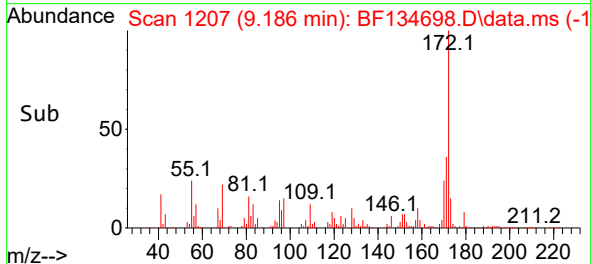
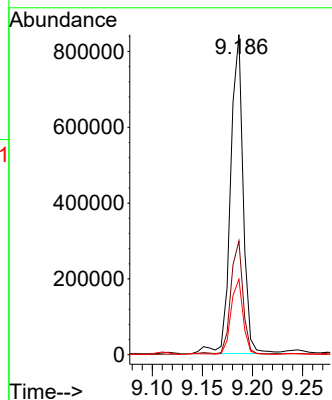
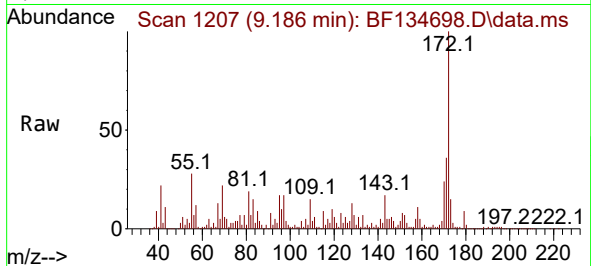




#45
2-Fluorobiphenyl
Concen: 57.860 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

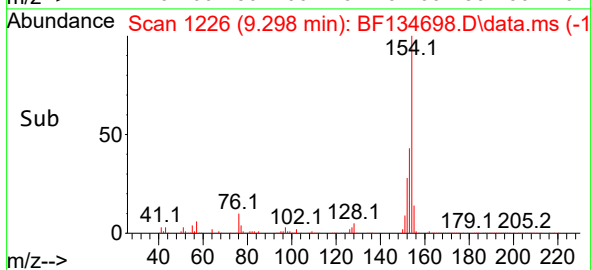
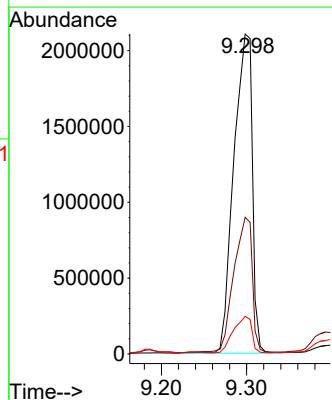
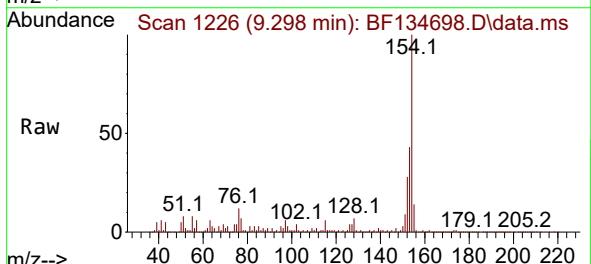
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

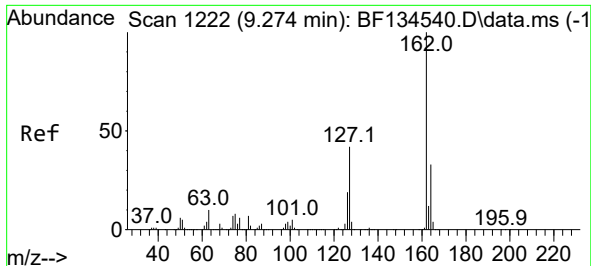
Tgt Ion:172 Resp: 735011
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.5 18.7 28.1



#46
1,1'-Biphenyl
Concen: 193.173 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.035 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:154 Resp: 3172824
Ion Ratio Lower Upper
154 100
153 42.7 20.8 60.8
76 11.7 0.0 30.2





#47

2-Chloronaphthalene

Concen: 3.074 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.006 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z18-20

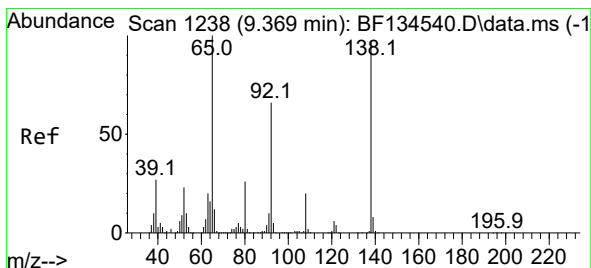
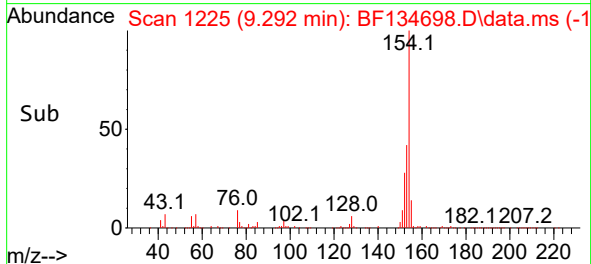
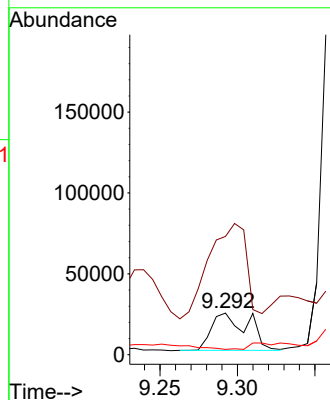
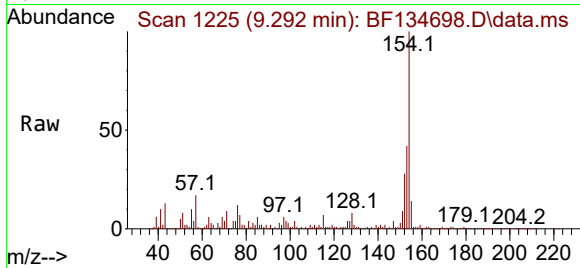
Tgt Ion:162 Resp: 37837

Ion Ratio Lower Upper

162 100

127 284.4 34.0 51.0#

164 12.7 25.7 38.5#



#48

2-Nitroaniline

Concen: 8.609 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.035 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

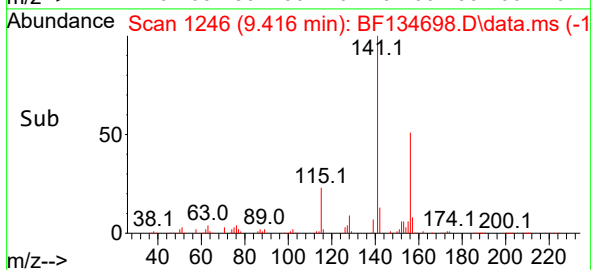
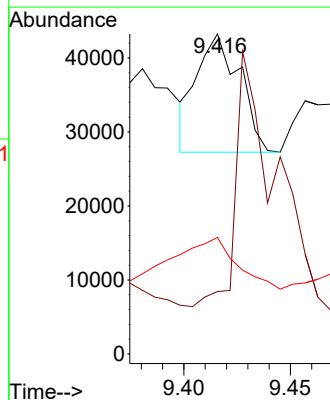
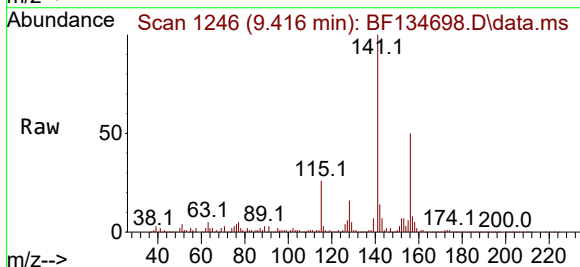
Tgt Ion: 65 Resp: 22358

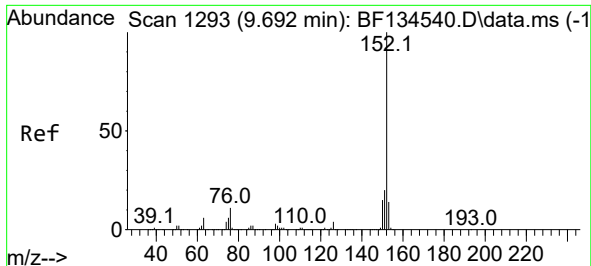
Ion Ratio Lower Upper

65 100

92 19.5 50.7 76.1#

138 36.4 78.2 117.4#





#49

Acenaphthylene

Concen: 84.730 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.047 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z18-20

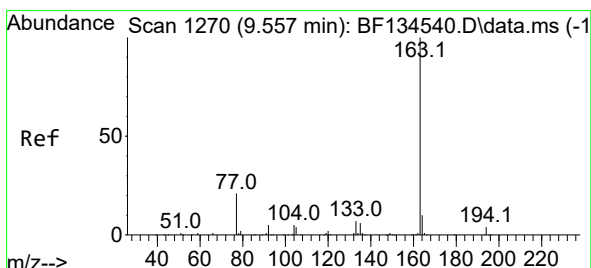
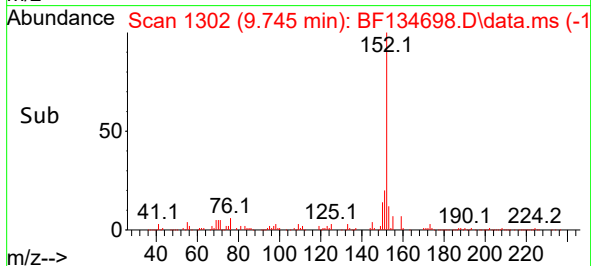
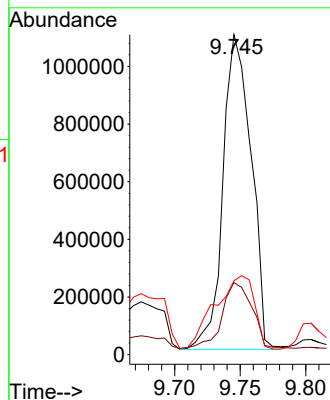
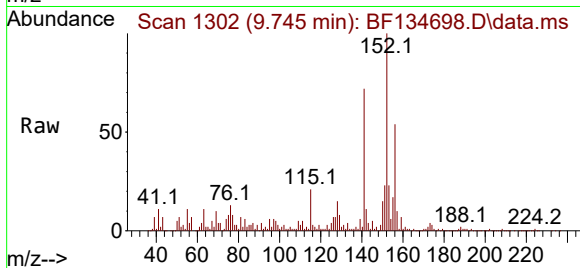
Tgt Ion:152 Resp: 1639133

Ion Ratio Lower Upper

152 100

151 22.5 16.4 24.6

153 23.1 10.9 16.3#



#50

Dimethylphthalate

Concen: 2.736 ng

RT: 9.604 min Scan# 1278

Delta R.T. 0.035 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

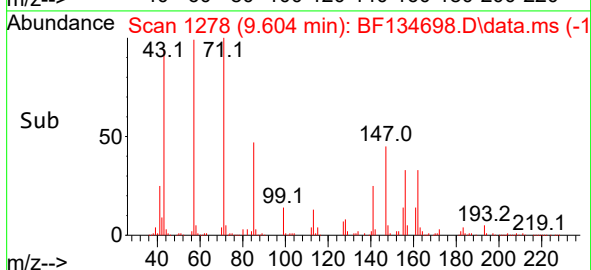
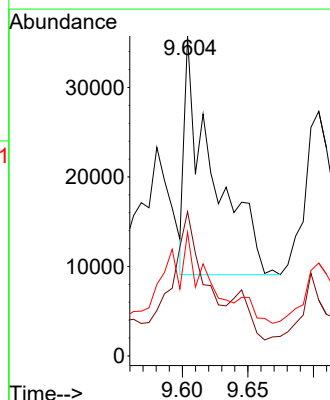
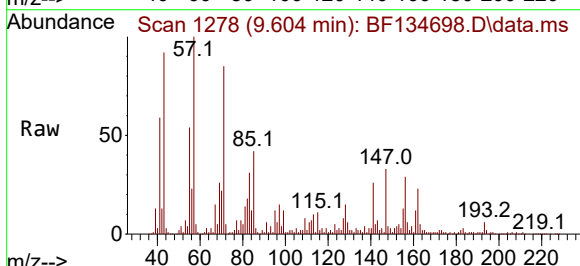
Tgt Ion:163 Resp: 39391

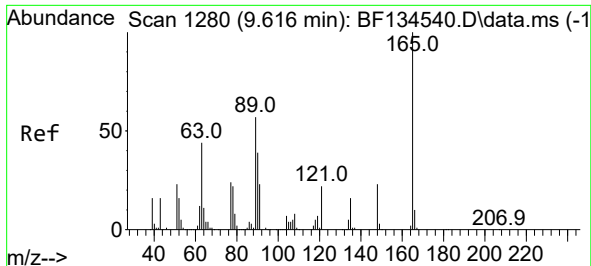
Ion Ratio Lower Upper

163 100

194 45.1 3.3 4.9#

164 38.6 7.5 11.3#

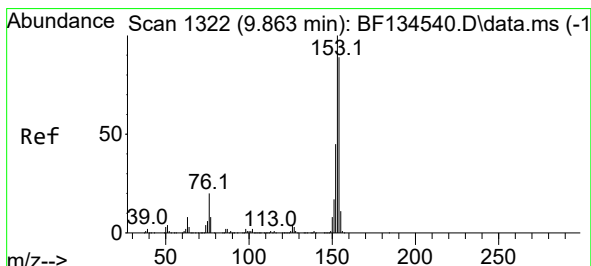
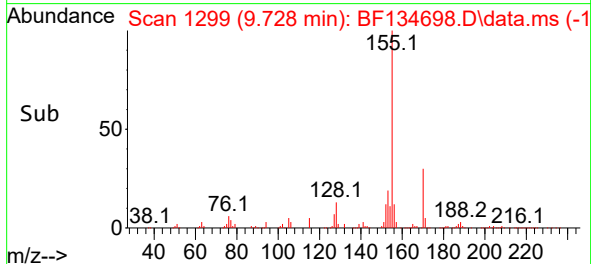
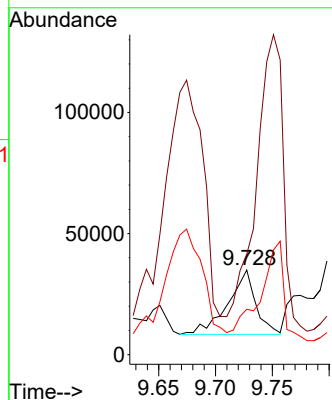
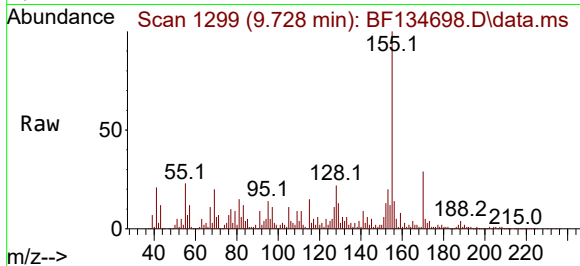




#51
2,6-Dinitrotoluene
Concen: 17.033 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.100 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

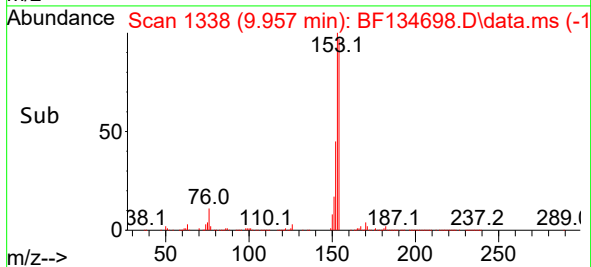
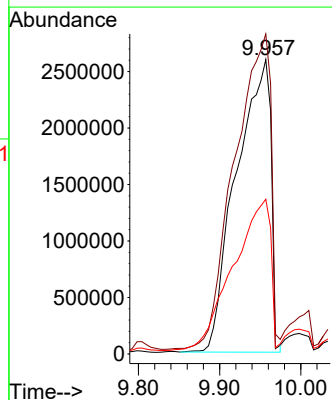
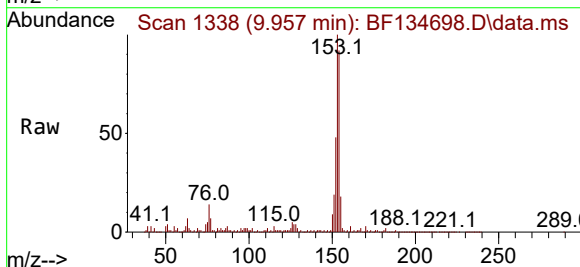
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

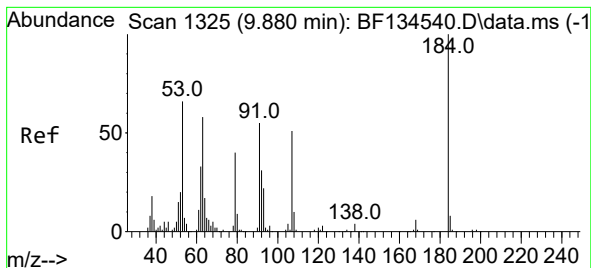
Tgt Ion:165 Resp: 45231
Ion Ratio Lower Upper
165 100
63 118.5 57.8 86.6#
89 53.6 51.8 77.8



#52
Acenaphthene
Concen: 606.352 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.082 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:154 Resp: 7601686
Ion Ratio Lower Upper
154 100
153 108.7 90.0 135.0
152 52.6 42.4 63.6





#54

2,4-Dinitrophenol

Concen: 14.922 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.071 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z18-20

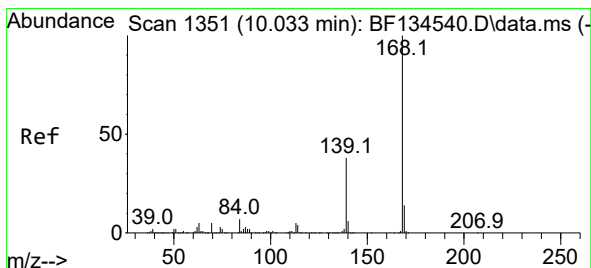
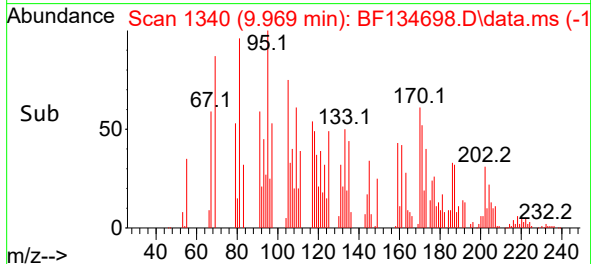
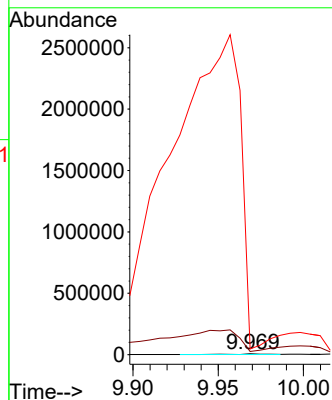
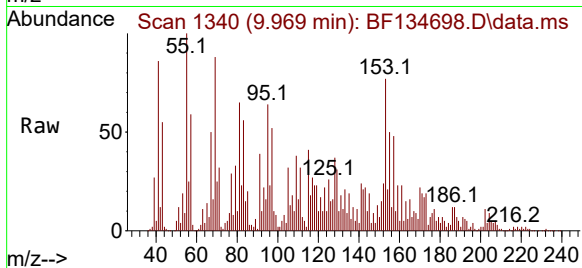
Tgt Ion:184 Resp: 7478

Ion Ratio Lower Upper

184 100

63 318.5 57.1 85.7#

154 582.6 59.1 88.7#



#55

Dibenzofuran

Concen: 45.131 ng

RT: 10.092 min Scan# 1361

Delta R.T. 0.047 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

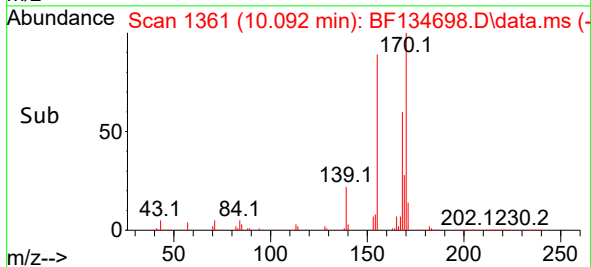
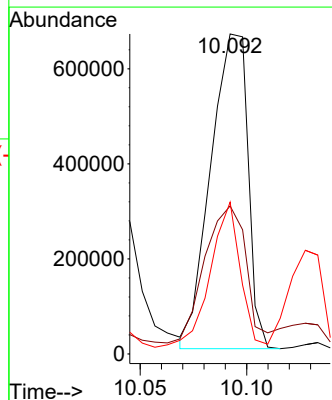
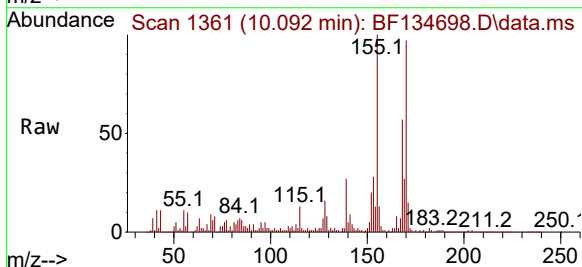
Tgt Ion:168 Resp: 805435

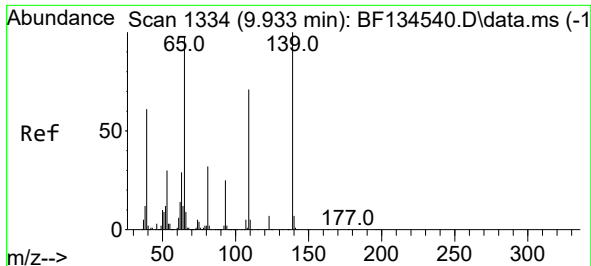
Ion Ratio Lower Upper

168 100

139 46.2 33.4 50.2

169 47.4 10.6 15.8#

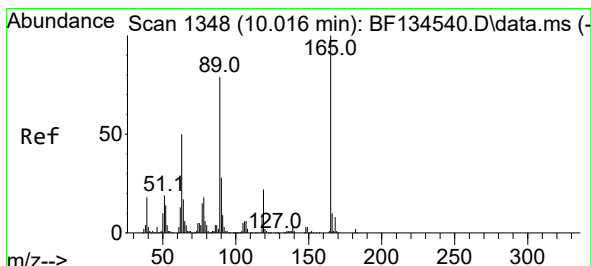
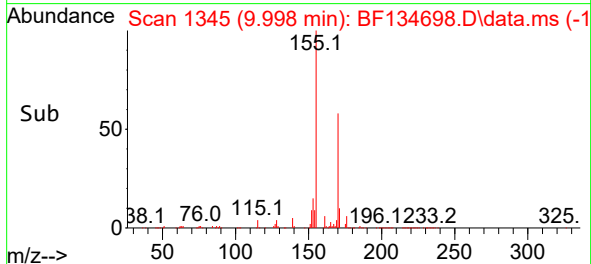
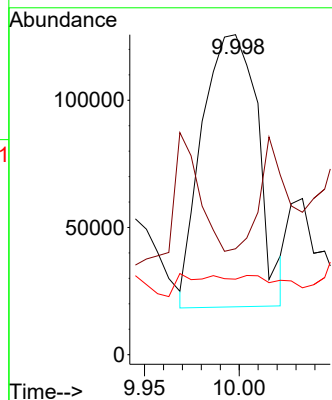
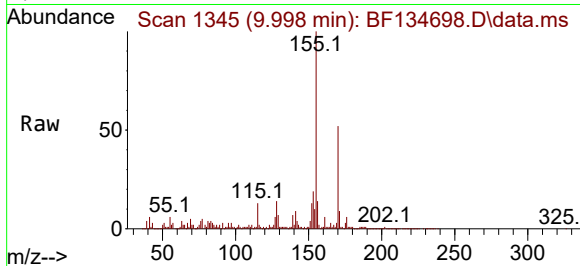




#56
4-Nitrophenol
Concen: 83.503 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

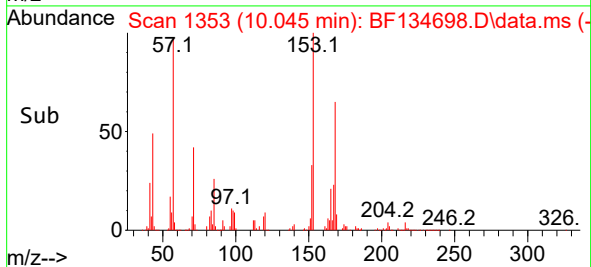
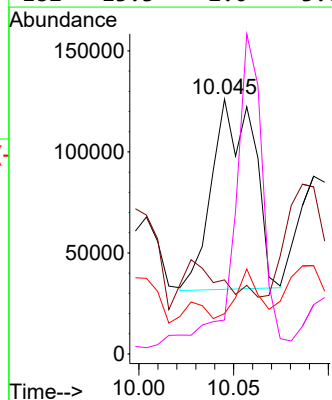
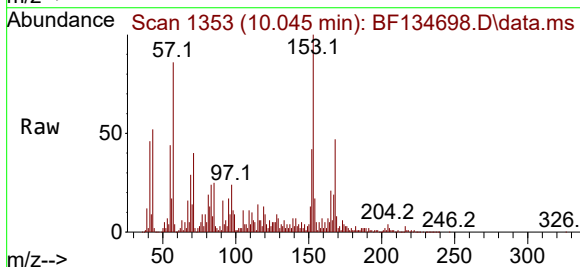
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

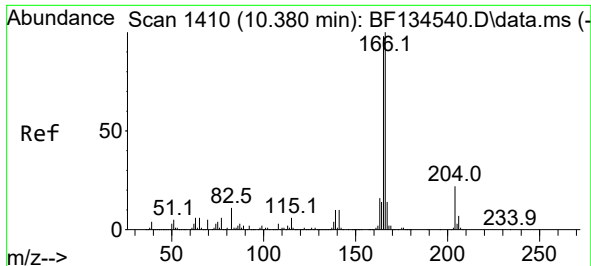
Tgt Ion:139 Resp: 219137
Ion Ratio Lower Upper
139 100
109 33.1 76.9 116.9#
65 23.6 98.5 138.5#



#57
2,4-Dinitrotoluene
Concen: 41.173 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:165 Resp: 145147
Ion Ratio Lower Upper
165 100
63 29.1 48.9 73.3#
89 15.8 61.7 92.5#
182 13.3 2.0 3.0#

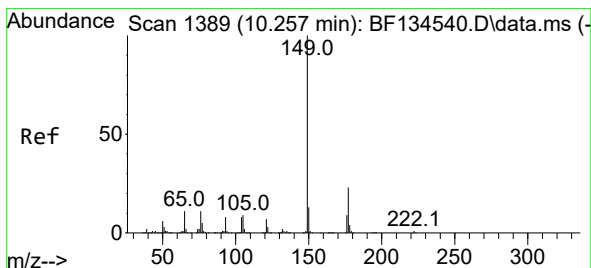
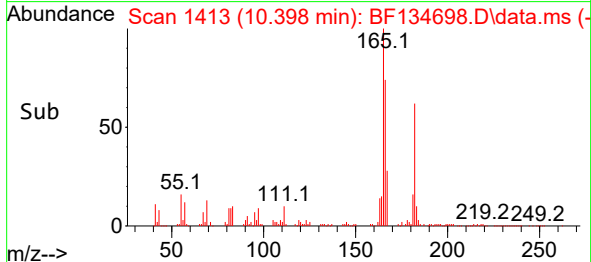
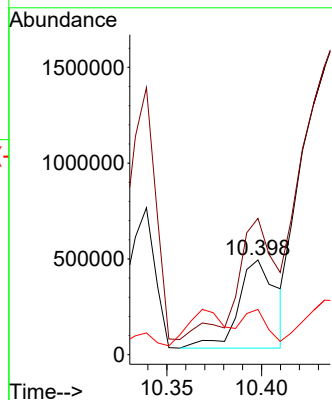
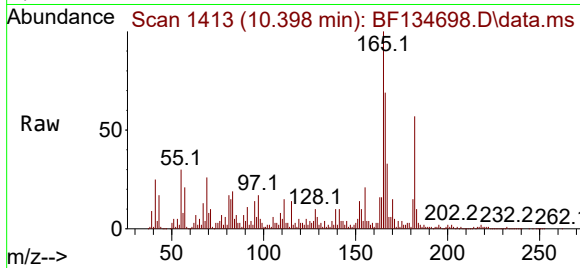




#58
Fluorene
Concen: 49.077 ng
RT: 10.398 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

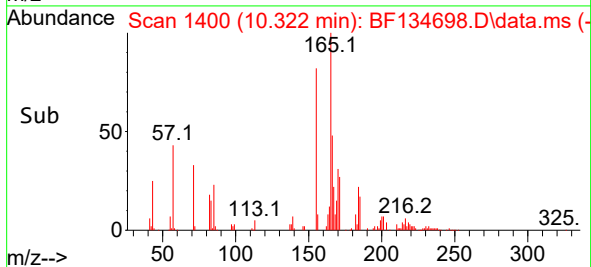
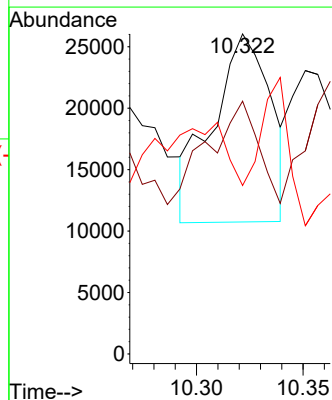
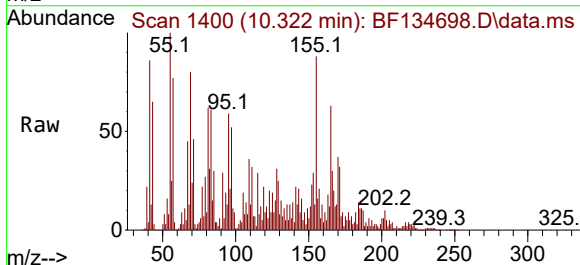
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

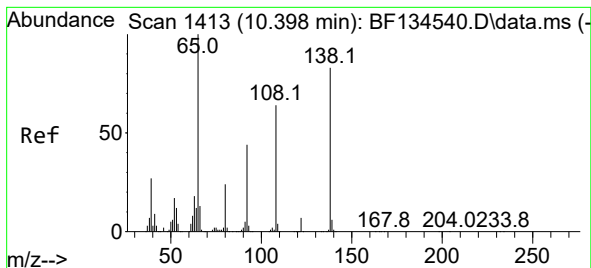
Tgt Ion:166 Resp: 637969
Ion Ratio Lower Upper
166 100
165 144.0 74.5 111.7#
167 47.8 10.6 16.0#



#60
Diethylphthalate
Concen: 2.125 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.053 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:149 Resp: 28991
Ion Ratio Lower Upper
149 100
177 79.0 17.0 25.4#
150 52.7 9.9 14.9#

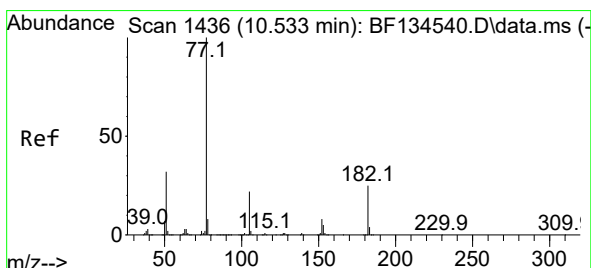
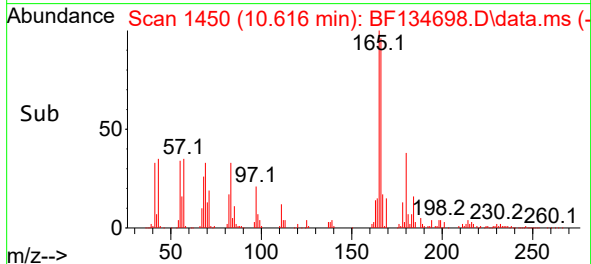
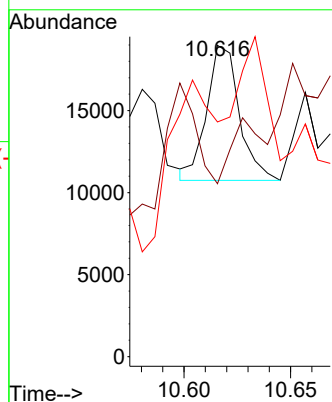
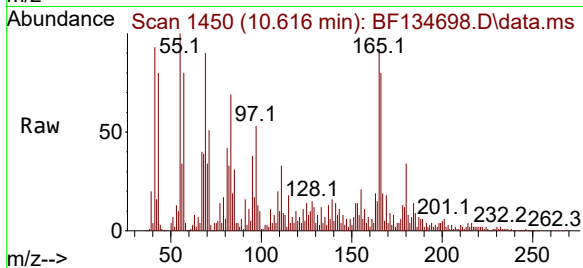




#62
4-Nitroaniline
Concen: 2.787 ng
RT: 10.616 min Scan# 1413
Delta R.T. 0.206 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

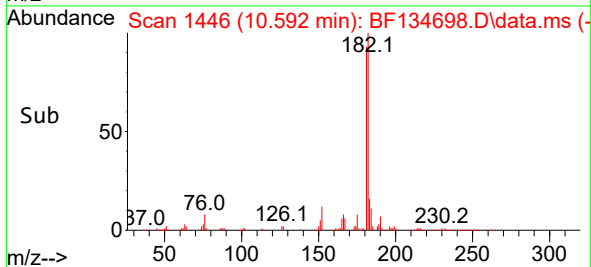
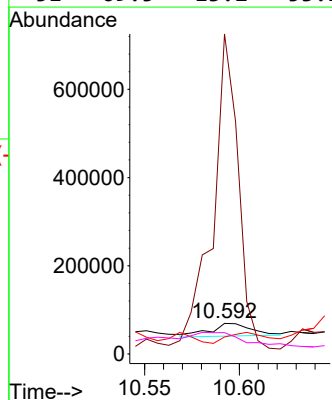
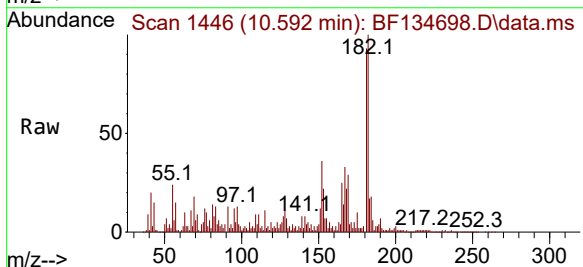
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

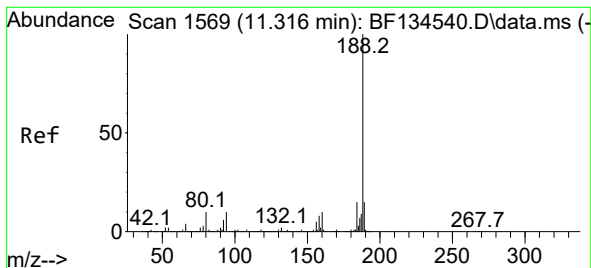
Tgt Ion:138 Resp: 8765
Ion Ratio Lower Upper
138 100
92 55.6 27.0 67.0
108 75.4 70.4 110.4



#63
Azobenzene
Concen: 3.011 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.053 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion: 77 Resp: 44137
Ion Ratio Lower Upper
77 100
182 1045.3 7.5 47.5#
105 55.5 1.9 41.9#
51 69.5 13.2 53.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. 0.047 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z18-20

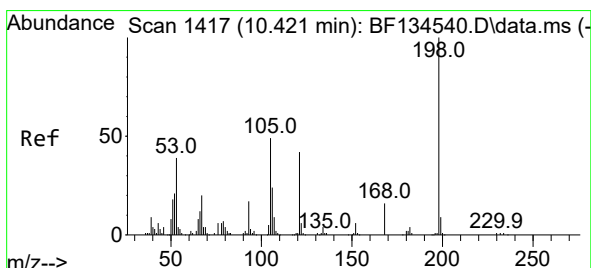
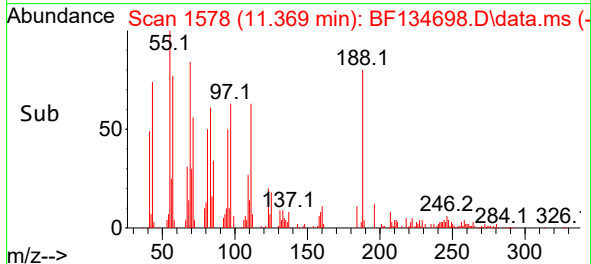
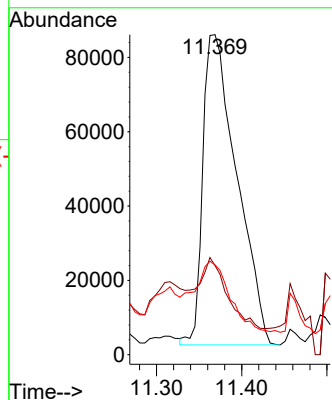
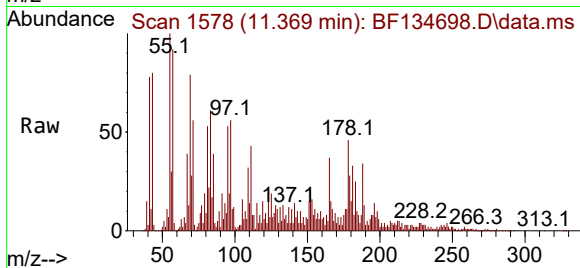
Tgt Ion:188 Resp: 231337

Ion Ratio Lower Upper

188 100

94 27.8 5.1 7.7#

80 28.1 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 12.327 ng

RT: 10.463 min Scan# 1424

Delta R.T. 0.024 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

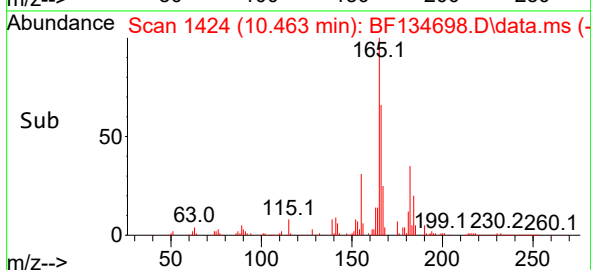
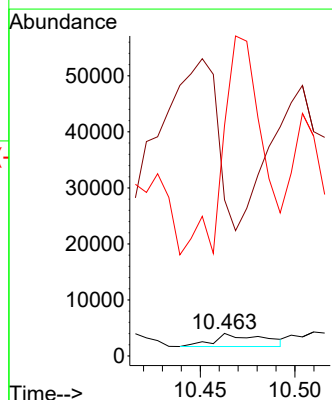
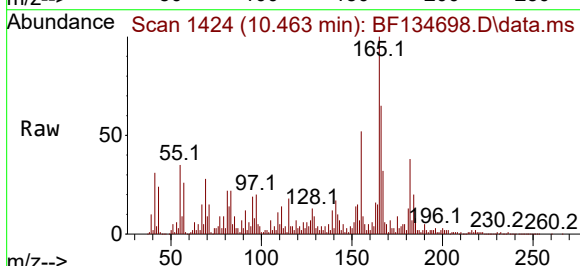
Tgt Ion:198 Resp: 4143

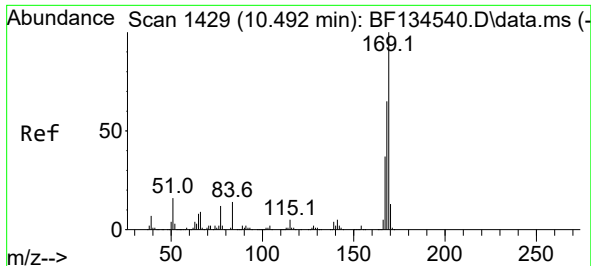
Ion Ratio Lower Upper

198 100

51 694.1 38.6 78.6#

105 1024.0 27.9 67.9#

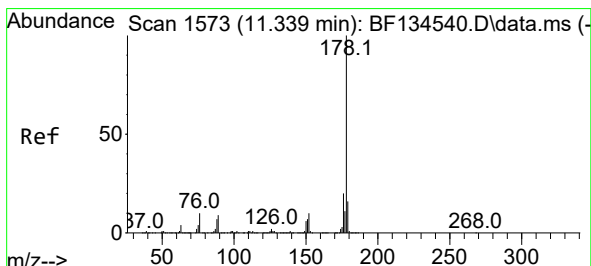
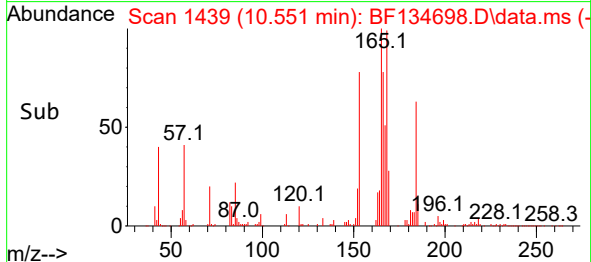
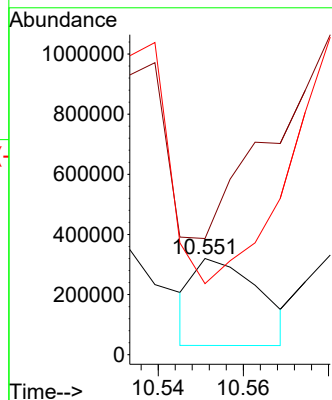
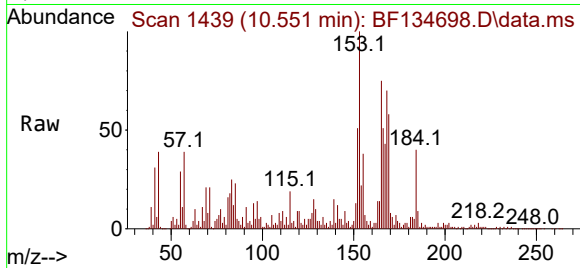




#66
n-Nitrosodiphenylamine
Concen: 41.690 ng
RT: 10.551 min Scan# 1429
Delta R.T. 0.047 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

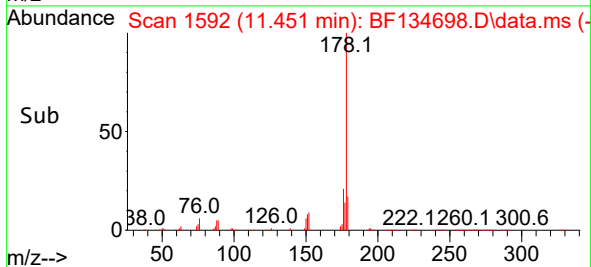
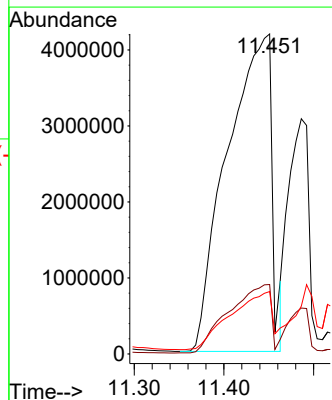
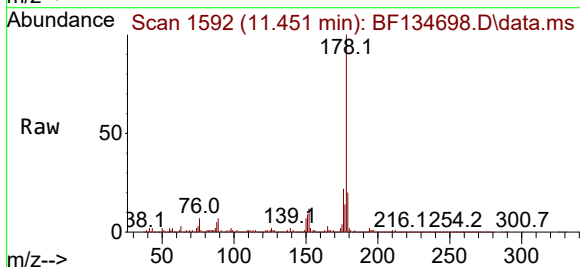
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

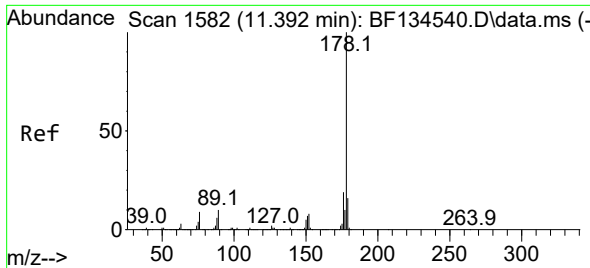
Tgt Ion:169 Resp: 306975
Ion Ratio Lower Upper
169 100
168 120.9 52.6 78.8#
167 74.0 29.8 44.8#



#71
Phenanthrene
Concen: 1170.126 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.100 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:178 Resp:14378141
Ion Ratio Lower Upper
178 100
176 21.7 15.8 23.6
179 19.5 12.7 19.1#

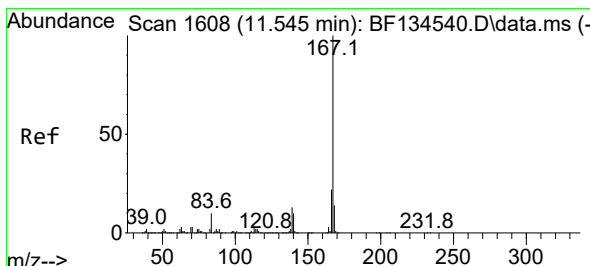
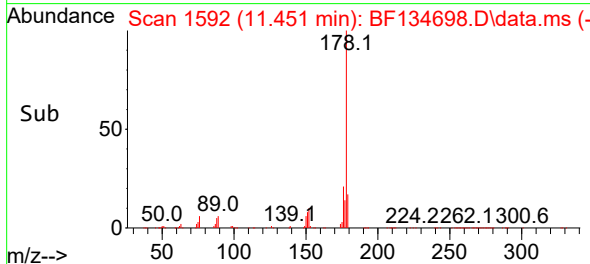
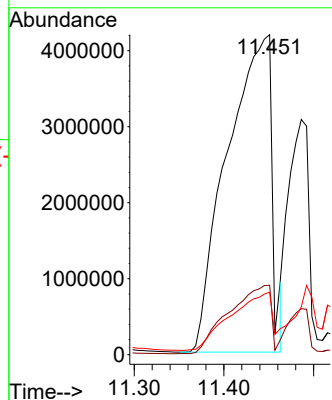
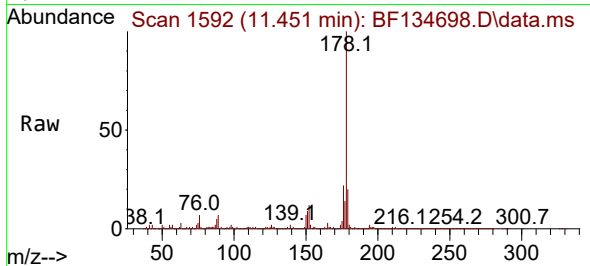




#72
 Anthracene
 Concen: 1145.555 ng
 RT: 11.451 min Scan# 11451
 Delta R.T. 0.047 min
 Lab File: BF134698.D
 Acq: 09 Aug 2023 19:35

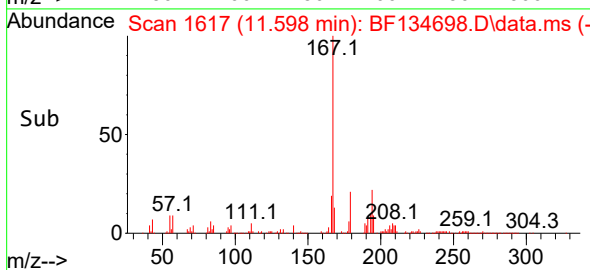
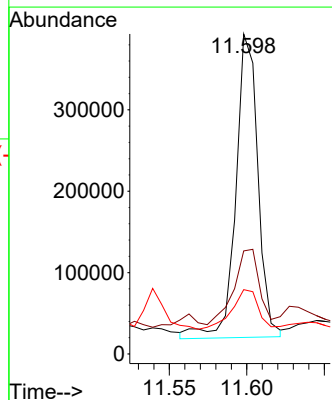
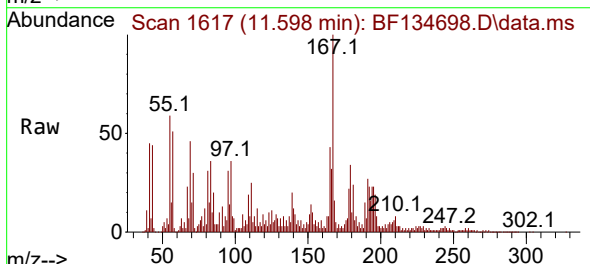
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB-01-Z18-20

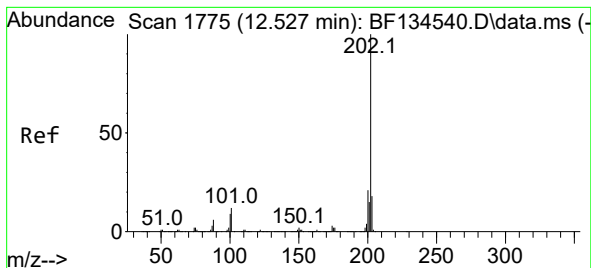
Tgt Ion:178 Resp:14378141
 Ion Ratio Lower Upper
 178 100
 176 21.7 14.6 21.8
 179 19.5 12.3 18.5#



#73
 Carbazole
 Concen: 33.161 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.041 min
 Lab File: BF134698.D
 Acq: 09 Aug 2023 19:35

Tgt Ion:167 Resp: 371625
 Ion Ratio Lower Upper
 167 100
 166 32.2 17.5 26.3#
 139 20.1 11.0 16.4#





#75

Fluoranthene

Concen: 476.792 ng

RT: 12.621 min Scan# 1

Delta R.T. 0.082 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z18-20

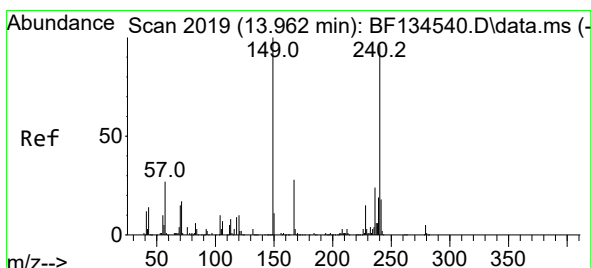
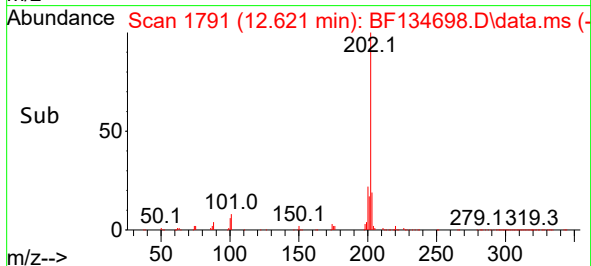
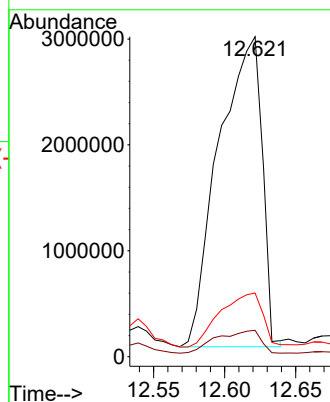
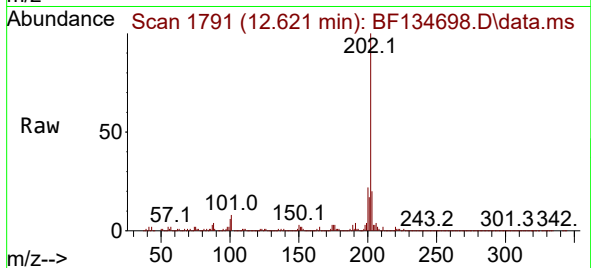
Tgt Ion:202 Resp: 6188589

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.5

203 19.9 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.065 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

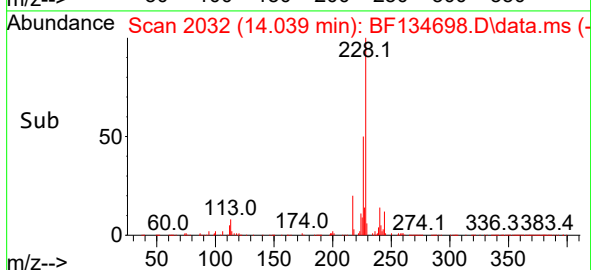
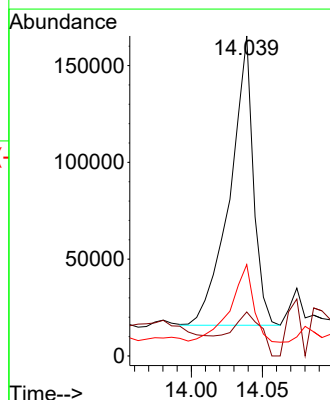
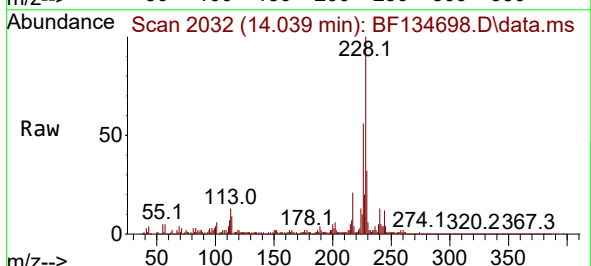
Tgt Ion:240 Resp: 170710

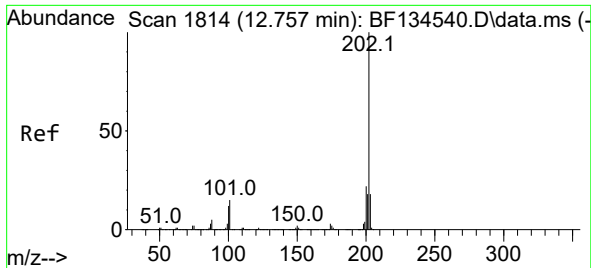
Ion Ratio Lower Upper

240 100

120 13.7 6.6 10.0#

236 28.6 20.2 30.2

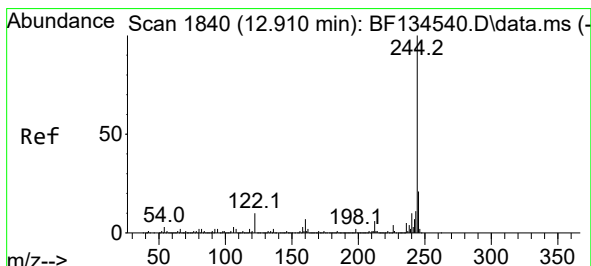
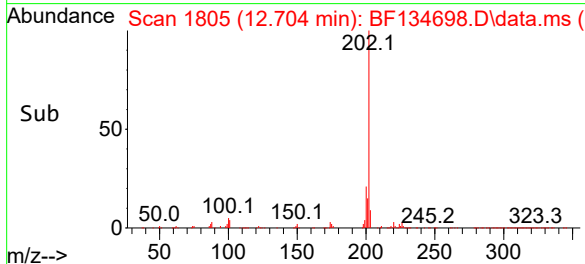
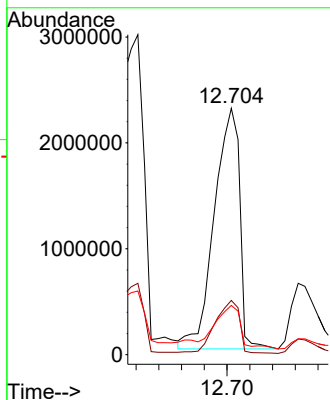
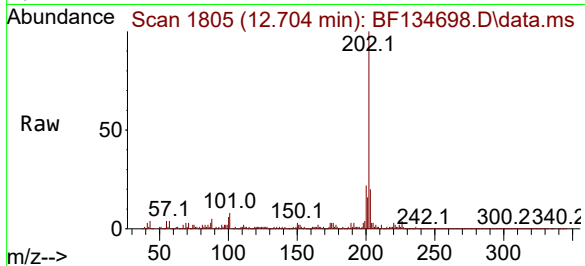




#78
Pyrene
Concen: 239.376 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.065 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

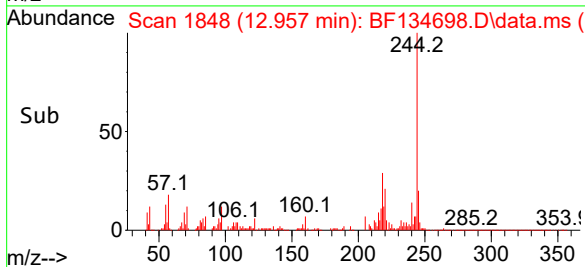
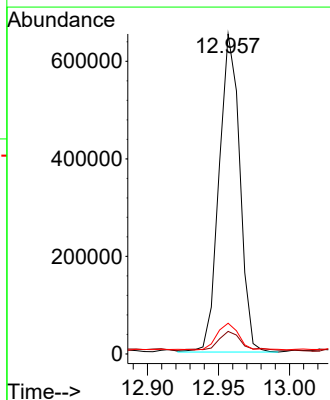
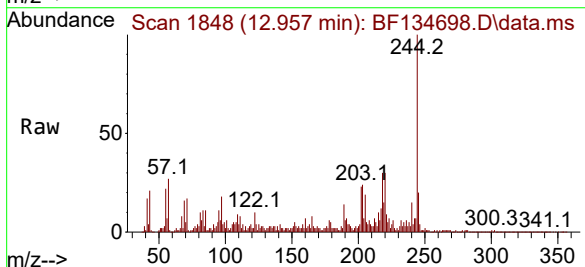
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

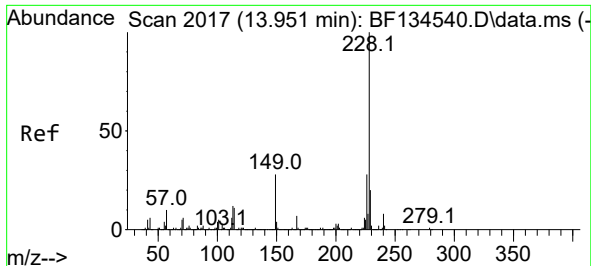
Tgt Ion:202 Resp: 3536016
Ion Ratio Lower Upper
202 100
200 22.0 15.8 23.8
203 20.0 13.5 20.3



#79
Terphenyl-d14
Concen: 68.285 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.035 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:244 Resp: 661253
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 9.6 8.0 12.0

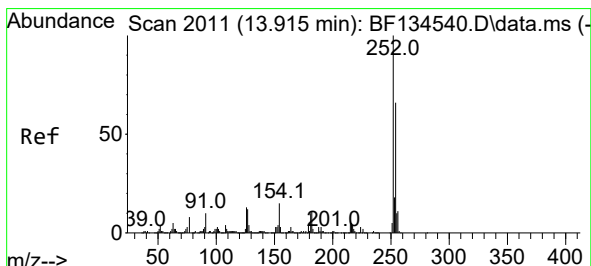
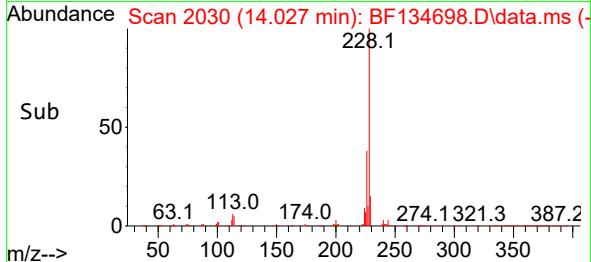
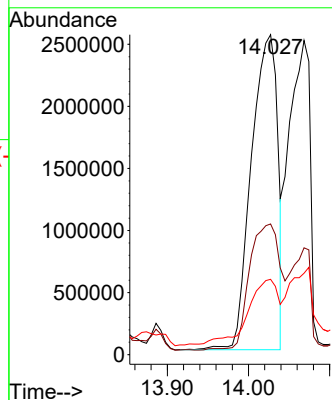
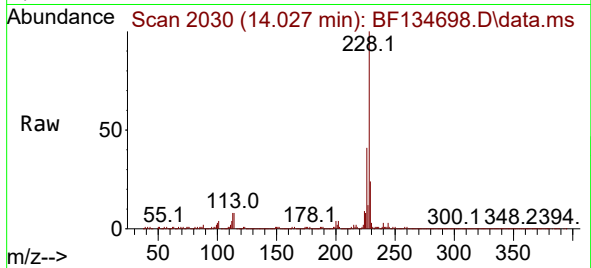




#81
Benzo(a)anthracene
Concen: 468.569 ng
RT: 14.027 min Scan# 2017
Delta R.T. 0.065 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

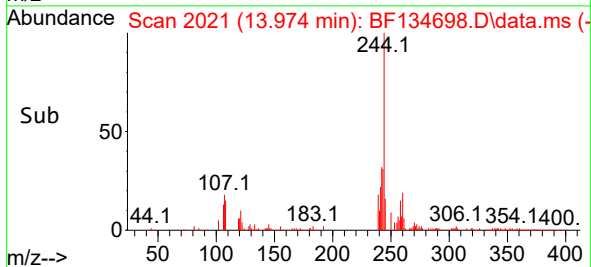
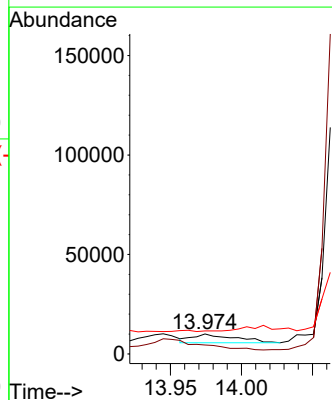
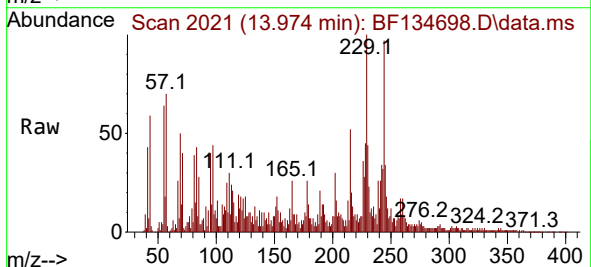
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

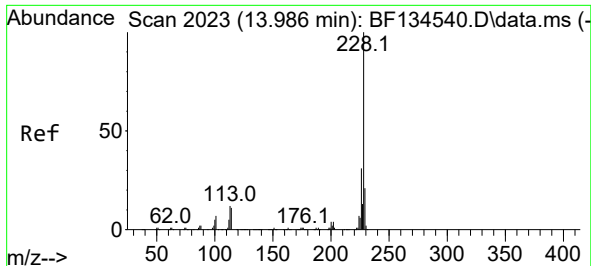
Tgt Ion:228 Resp: 5719626
Ion Ratio Lower Upper
228 100
226 40.9 22.3 33.5#
229 23.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 2.576 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.047 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:252 Resp: 9116
Ion Ratio Lower Upper
252 100
254 45.0 52.7 79.1#
126 115.0 7.2 10.8#

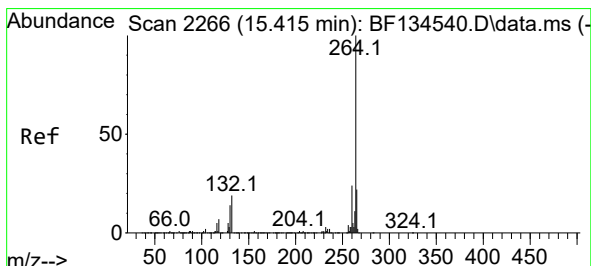
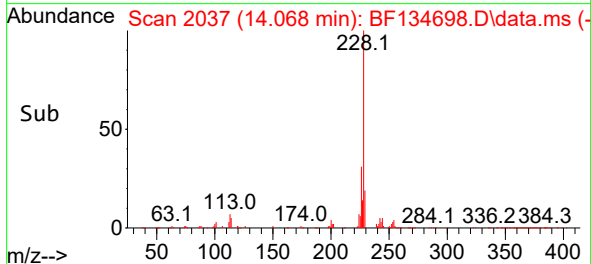
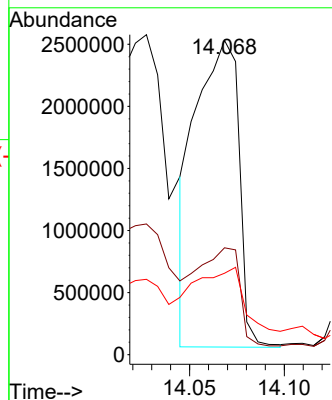
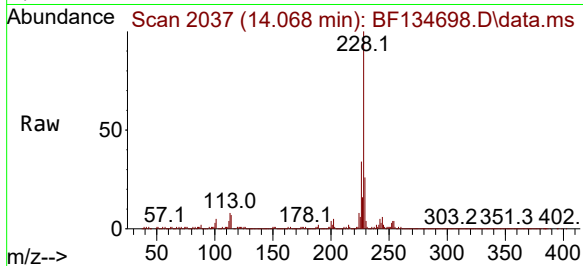




#83
Chrysene
Concen: 331.469 ng
RT: 14.068 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

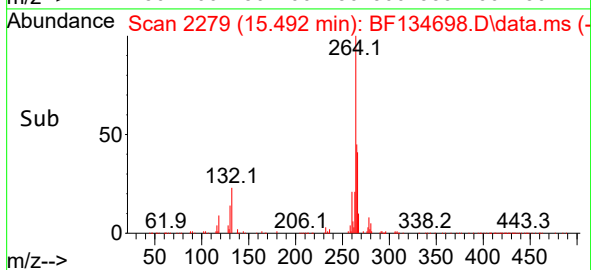
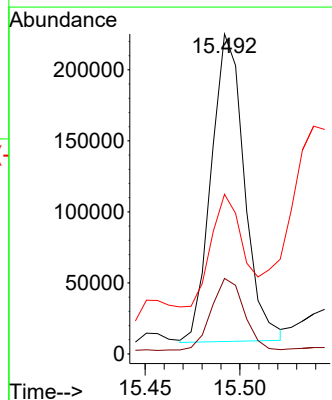
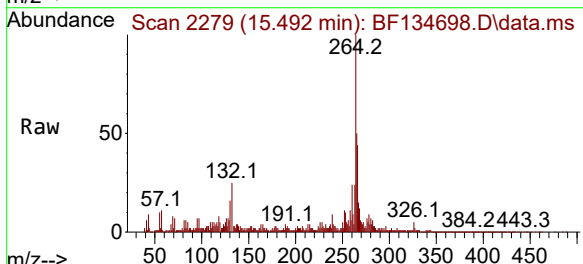
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

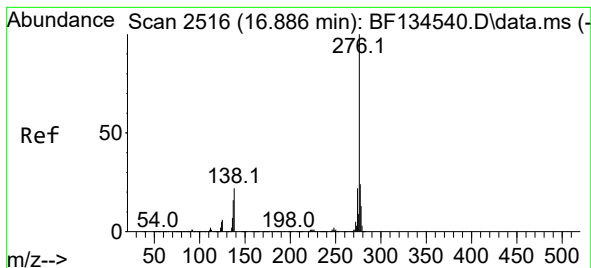
Tgt Ion:228 Resp: 3941969
Ion Ratio Lower Upper
228 100
226 34.0 24.5 36.7
229 25.9 15.8 23.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.053 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:264 Resp: 263422
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 49.9 15.8 23.8#





#87

Indeno(1,2,3-cd)pyrene

Concen: 84.832 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z18-20

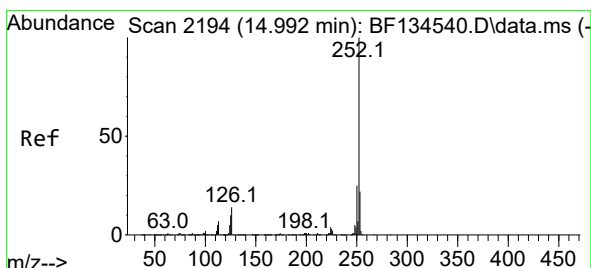
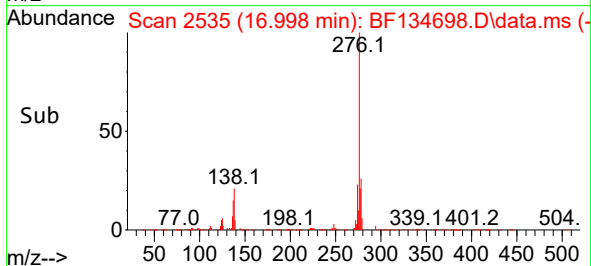
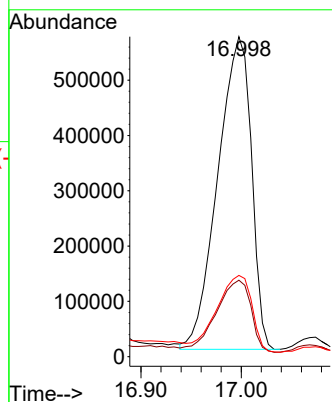
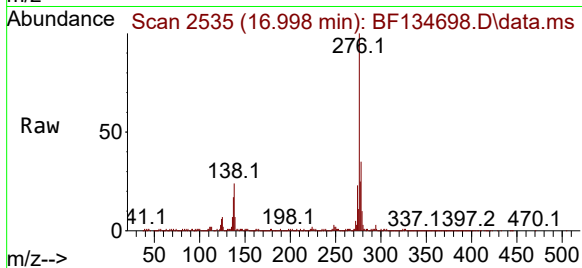
Tgt Ion:276 Resp: 1314255

Ion Ratio Lower Upper

276 100

138 24.0 14.2 21.4#

277 26.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 295.680 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.065 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

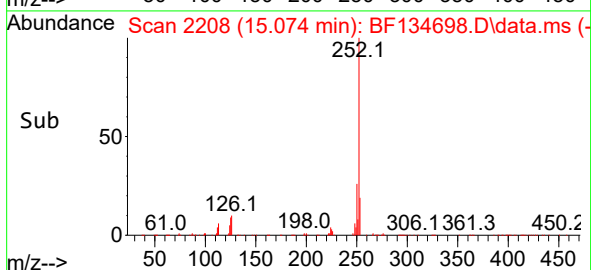
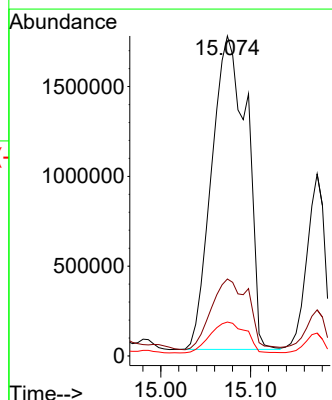
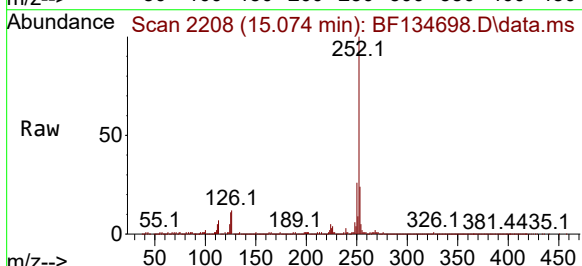
Tgt Ion:252 Resp: 4750341

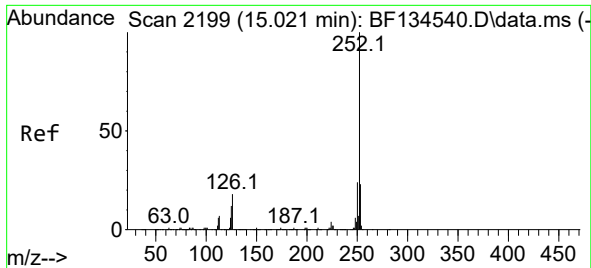
Ion Ratio Lower Upper

252 100

253 24.1 17.3 25.9

125 10.6 6.0 9.0#

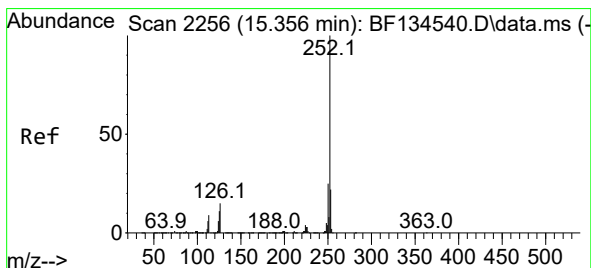
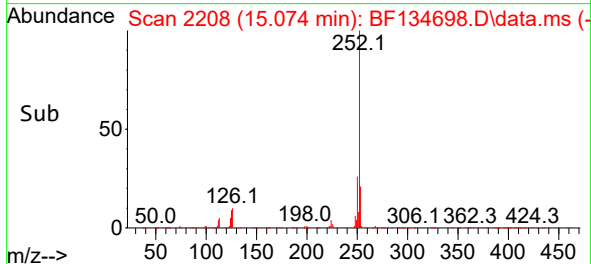
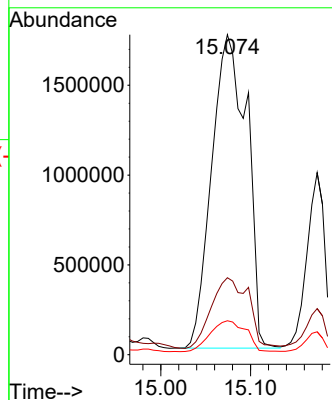
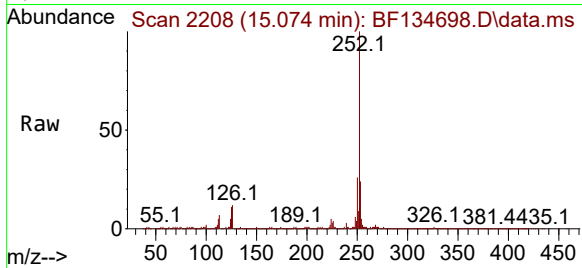




#89
Benzo(k)fluoranthene
Concen: 296.817 ng
RT: 15.074 min Scan# 2199
Delta R.T. 0.035 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

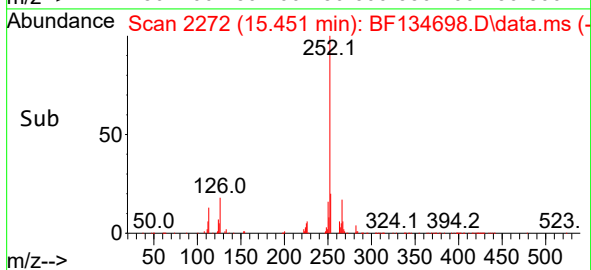
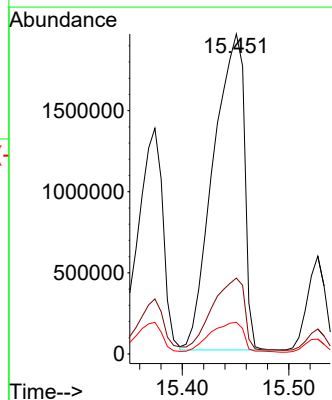
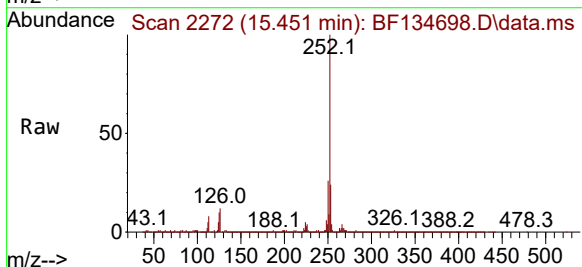
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

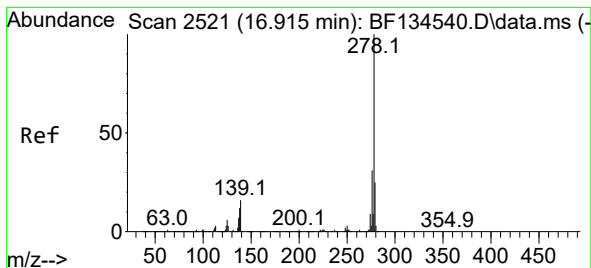
Tgt Ion:252 Resp: 4750341
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 10.6 6.3 9.5#



#90
Benzo(a)pyrene
Concen: 262.848 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.071 min
Lab File: BF134698.D
Acq: 09 Aug 2023 19:35

Tgt Ion:252 Resp: 3937337
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.4
125 9.9 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 33.819 ng

RT: 17.004 min Scan# 2

Delta R.T. 0.053 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z18-20

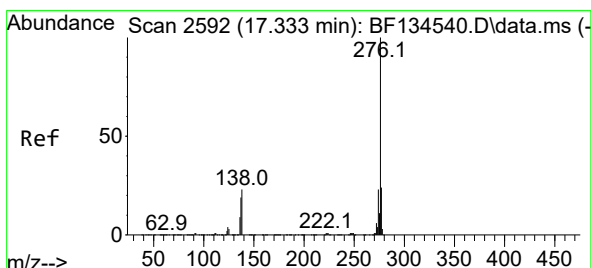
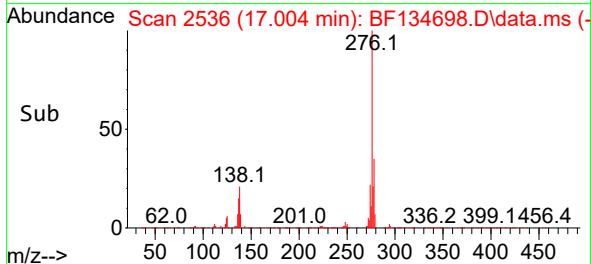
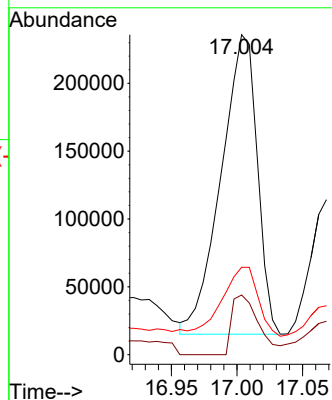
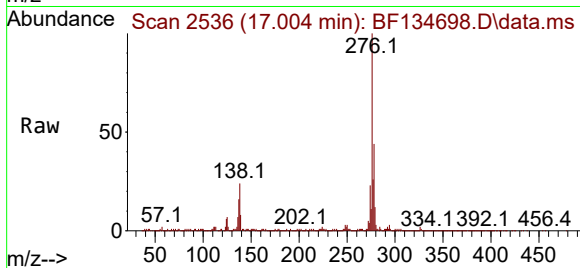
Tgt Ion:278 Resp: 423423

Ion Ratio Lower Upper

278 100

139 18.6 10.0 15.0#

279 27.3 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 110.647 ng

RT: 17.456 min Scan# 2613

Delta R.T. 0.082 min

Lab File: BF134698.D

Acq: 09 Aug 2023 19:35

Tgt Ion:276 Resp: 1413134

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.6

138 23.2 12.2 18.2#

