

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134696.D
 Acq On : 09 Aug 2023 18:29
 Operator : CG\JU
 Sample : 03945-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB01-Z78-80

Quant Time: Aug 10 01:41:59 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	187639	20.000	ng	0.01
21) Naphthalene-d8	8.098	136	118996	20.000	ng	# 0.02
39) Acenaphthene-d10	9.851	164	331747	20.000	ng	0.02
64) Phenanthrene-d10	11.345	188	380703	20.000	ng	# 0.02
76) Chrysene-d12	14.027	240	213219	20.000	ng	# 0.05
86) Perylene-d12	15.492	264	311764	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	706702	57.251	ng	0.00
7) Phenol-d6	6.445	99	1212585	76.847	ng	0.00
23) Nitrobenzene-d5	7.381	82	636121	334.069	ng	0.01
42) 2,4,6-Tribromophenol	10.657	330	220531	65.210	ng	0.03
45) 2-Fluorobiphenyl	9.169	172	1215197	60.905	ng	0.00
79) Terphenyl-d14	12.945	244	1008489	83.380	ng	0.02
Target Compounds						
						Qvalue
3) Pyridine	3.316	79	34159	2.220	ng	# 27
9) Benzaldehyde	6.381	77	379232	63.322	ng	# 1
18) Hexachloroethane	7.345	117	583153	128.684	ng	# 1
22) Acetophenone	7.204	105	298506	108.662	ng	# 49
24) Nitrobenzene	7.381	77	55508	26.983	ng	# 6
25) Isophorone	7.710	82	74940	18.044	ng	# 65
26) 2-Nitrophenol	7.716	139	4445	9.363	ng	# 1
27) 2,4-Dimethylphenol	7.739	122	6188	3.339	ng	# 1
28) bis(2-Chloroethoxy)met...	7.845	93	29950	12.055	ng	# 84
29) 2,4-Dichlorophenol	7.963	162	4108	2.442	ng	# 1
31) Naphthalene	8.216	128	33738569	5641.414	ng	# 83
32) Benzoic acid	7.910	122	13061	16.901	ng	# 1
33) 4-Chloroaniline	8.216	127	5885689	2208.721	ng	# 36
35) Caprolactam	8.563	113	11185	20.613	ng	# 44
36) 4-Chloro-3-methylphenol	8.628	107	7466	4.192	ng	# 1
37) 2-Methylnaphthalene	8.863	142	10306670	2599.994	ng	99
38) 1-Methylnaphthalene	8.863	142	10306670	2796.016	ng	100
46) 1,1'-Biphenyl	9.280	154	3555622	137.828	ng	96
48) 2-Nitroaniline	9.386	65	59848	12.442	ng	# 33
49) Acenaphthylene	9.722	152	2351849	77.402	ng	# 90
50) Dimethylphthalate	9.580	163	168940	7.472	ng	# 93
51) 2,6-Dinitrotoluene	9.704	165	26355	7.889	ng	# 22
52) Acenaphthene	9.933	154	6556946	332.994	ng	98
54) 2,4-Dinitrophenol	9.945	184	8627	12.836	ng	# 1
55) Dibenzofuran	10.069	168	867393	30.944	ng	# 85
56) 4-Nitrophenol	9.969	139	143188	34.739	ng	# 13
57) 2,4-Dinitrotoluene	10.069	165	71355	14.845	ng	# 60
58) Fluorene	10.598	166	1594724	78.106	ng	91
62) 4-Nitroaniline	10.433	138	43695	8.846	ng	# 27
63) Azobenzene	10.563	77	60794	2.640	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.451	198	2171	9.854	ng	# 1
66) n-Nitrosodiphenylamine	10.451	169	211694	17.470	ng	94
71) Phenanthrene	11.427	178	14879509	735.830	ng	94
72) Anthracene	11.427	178	14879509	720.378	ng	# 92
73) Carbazole	11.586	167	404153	21.914	ng	# 86
75) Fluoranthene	12.610	202	7352398	344.211	ng	96

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

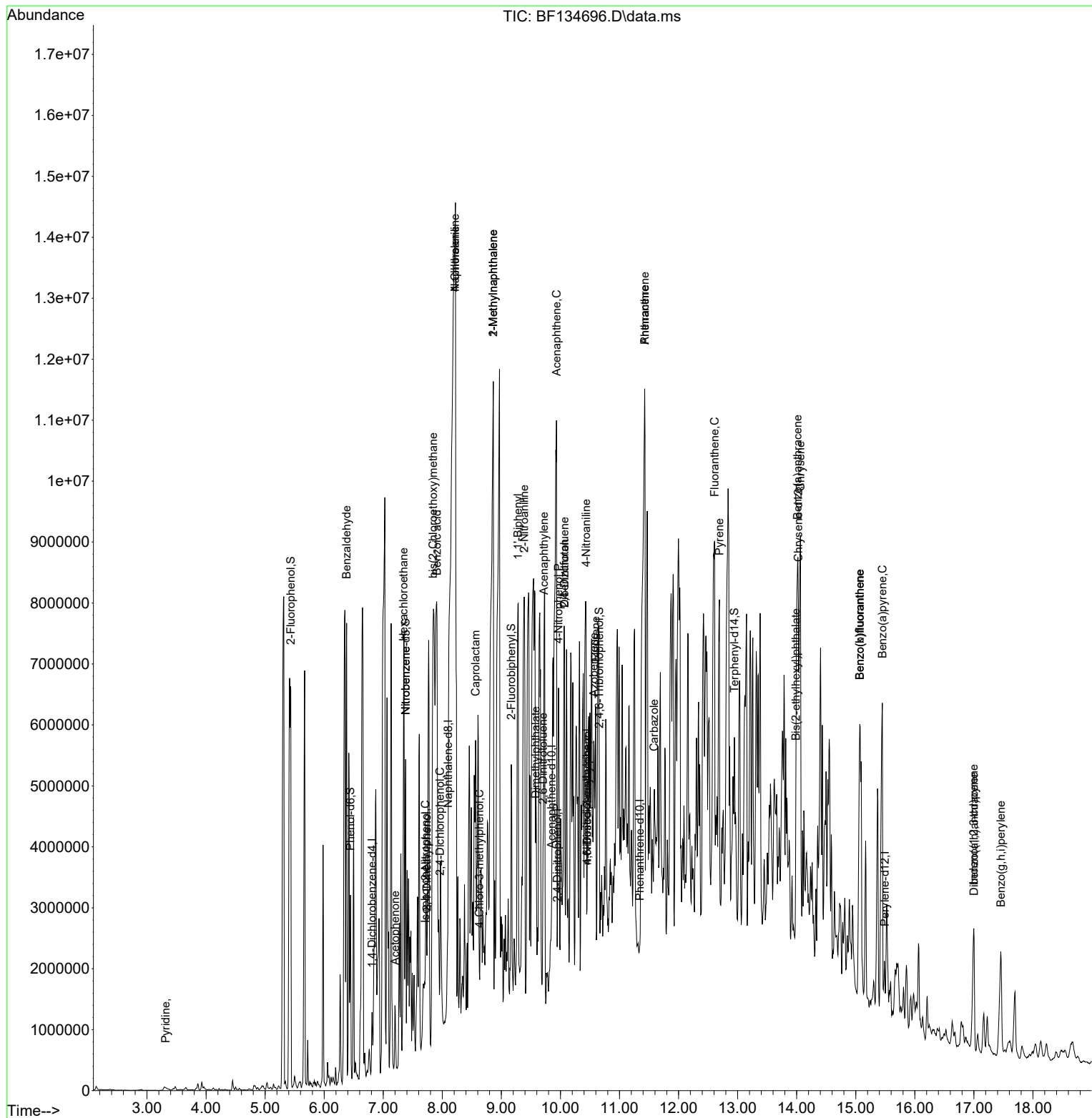
78) Pyrene	12.692	202	4124929	223.572	ng	94
81) Benzo(a)anthracene	14.015	228	6691546	438.900	ng #	83
83) Chrysene	14.062	228	4660464	313.756	ng #	87
84) Bis(2-ethylhexyl)phtha...	13.986	149	54550	7.430	ng #	90
87) Indeno(1,2,3-cd)pyrene	16.998	276	1491882	81.365	ng #	94
88) Benzo(b)fluoranthene	15.068	252	5487248	288.587	ng #	93
89) Benzo(k)fluoranthene	15.068	252	5487248	289.698	ng #	95
90) Benzo(a)pyrene	15.451	252	4369122	246.447	ng #	95
91) Dibenzo(a,h)anthracene	17.003	278	476280	32.142	ng #	92
92) Benzo(g,h,i)perylene	17.456	276	1642240	108.647	ng #	92

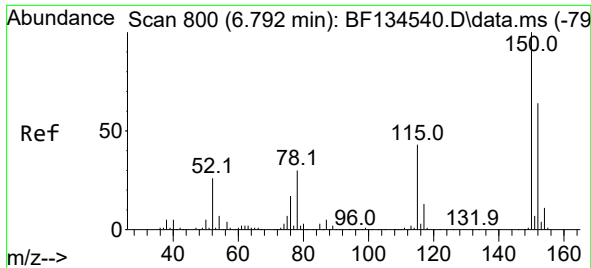
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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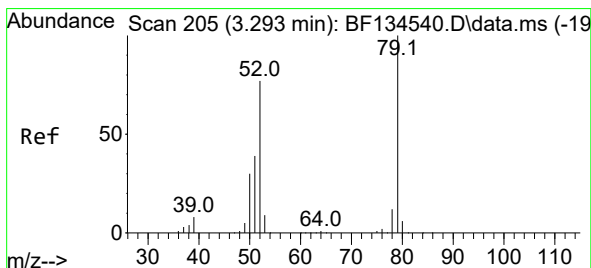
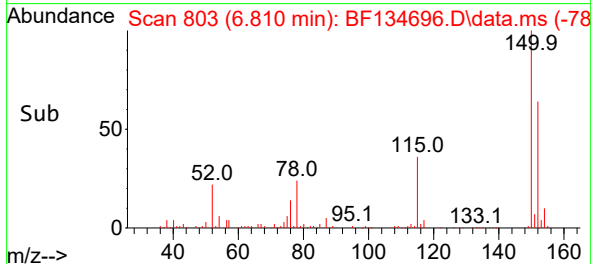
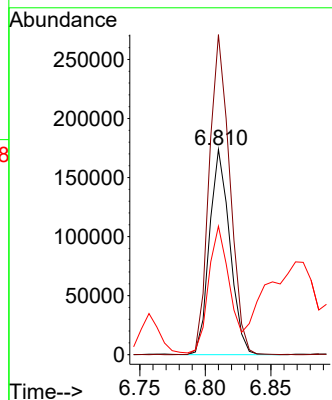
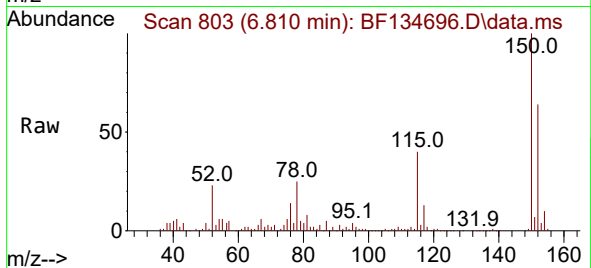




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. 0.012 min
 Lab File: BF134696.D
 Acq: 09 Aug 2023 18:29

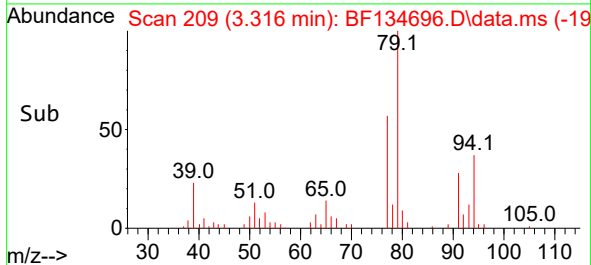
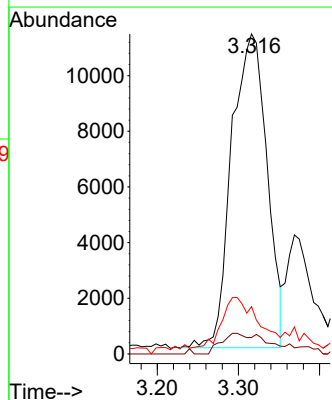
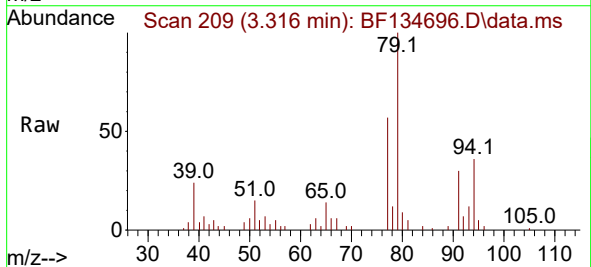
Instrument :
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 ClientSampleId :
 NEVINS-SB01-Z78-80

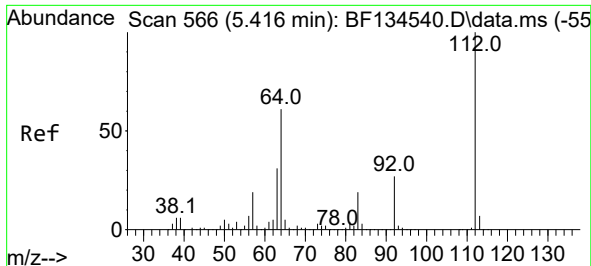
Tgt Ion:152 Resp: 187639
 Ion Ratio Lower Upper
 152 100
 150 155.9 128.3 192.5
 115 62.6 52.4 78.6



#3
 Pyridine
 Concen: 2.220 ng
 RT: 3.316 min Scan# 209
 Delta R.T. 0.012 min
 Lab File: BF134696.D
 Acq: 09 Aug 2023 18:29

Tgt Ion: 79 Resp: 34159
 Ion Ratio Lower Upper
 79 100
 52 5.2 66.6 100.0#
 51 14.8 36.5 54.7#

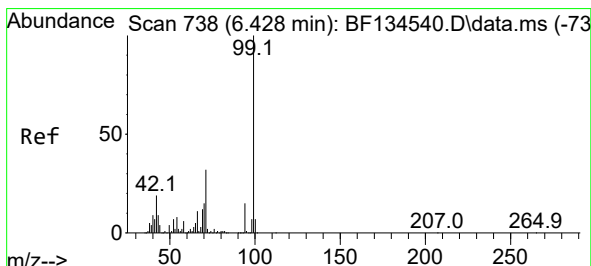
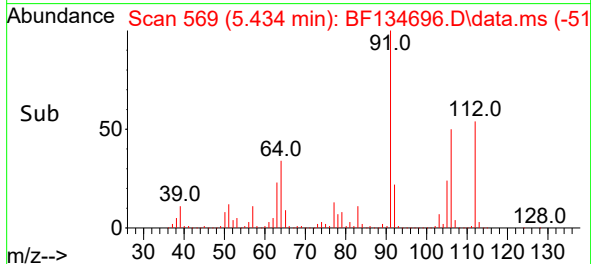
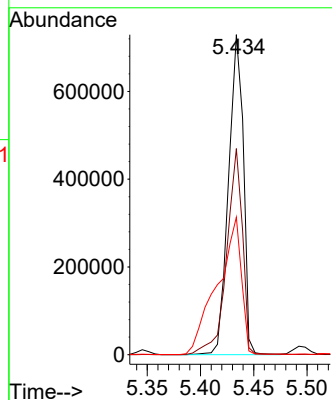
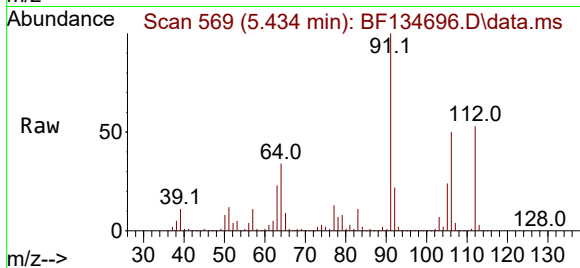




#5
2-Fluorophenol
Concen: 57.251 ng
RT: 5.434 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

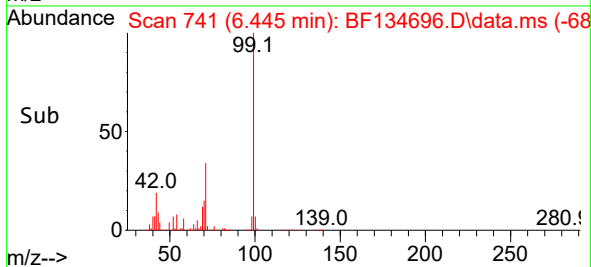
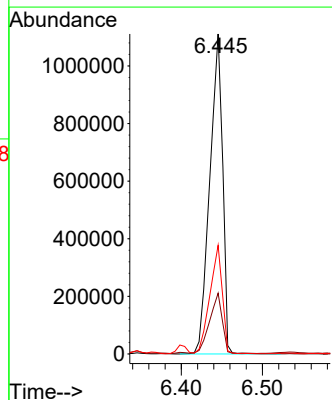
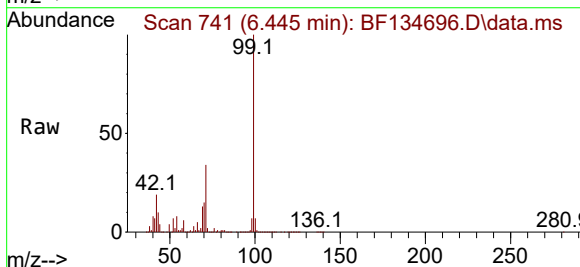
Instrument :
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NEVINS-SB01-Z78-80

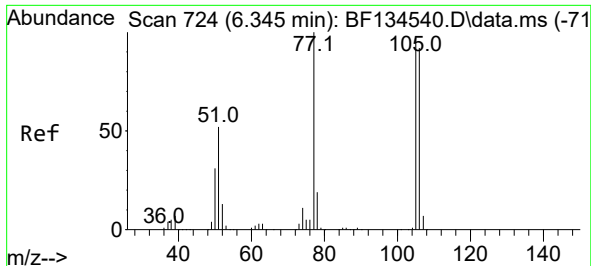
Tgt Ion:112 Resp: 706702
Ion Ratio Lower Upper
112 100
64 64.4 44.9 67.3
63 42.9 25.4 38.0#



#7
Phenol-d6
Concen: 76.847 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion: 99 Resp: 1212585
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 34.0 36.4 54.6#

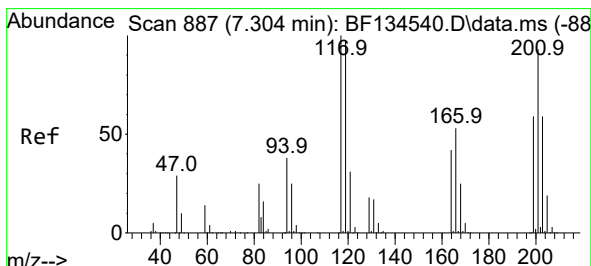
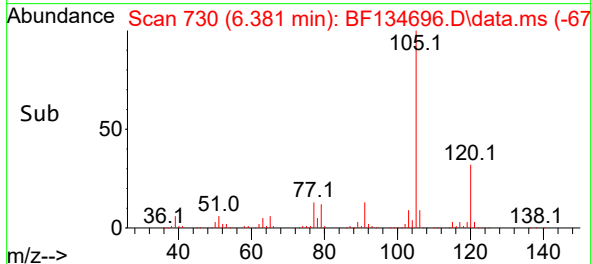
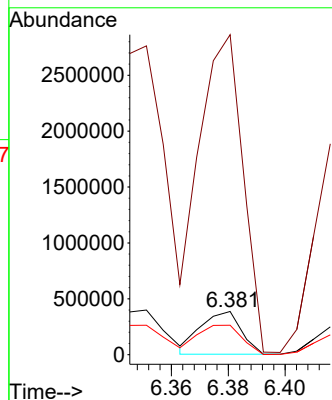
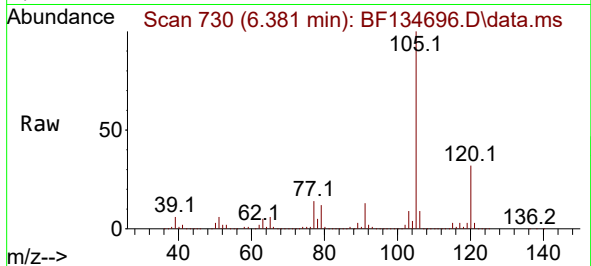




#9
Benzaldehyde
Concen: 63.322 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.023 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

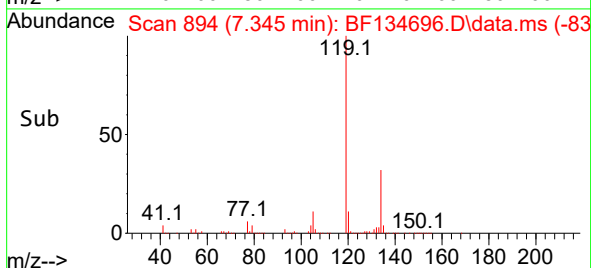
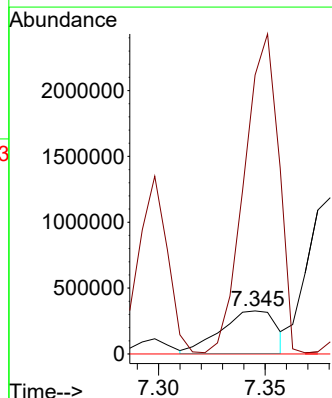
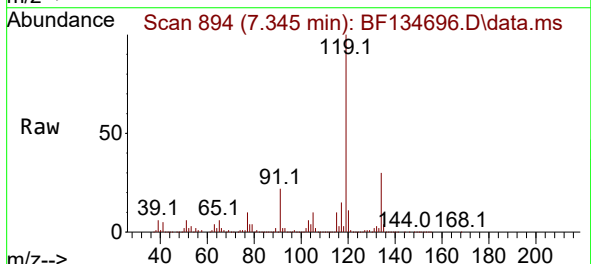
Instrument :
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ClientSampleId :
NEVINS-SB01-Z78-80

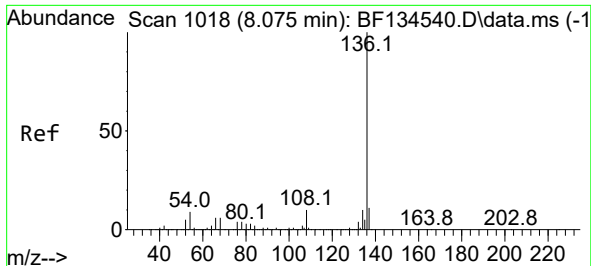
Tgt Ion: 77 Resp: 379232
Ion Ratio Lower Upper
77 100
105 740.4 77.1 117.1#
106 68.0 71.4 111.4#



#18
Hexachloroethane
Concen: 128.684 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.035 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion: 117 Resp: 583153
Ion Ratio Lower Upper
117 100
119 646.5 75.8 113.8#
201 0.0 73.6 110.4#

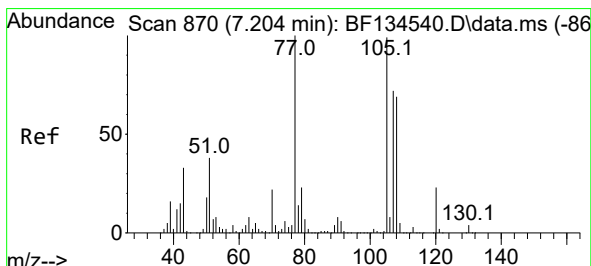
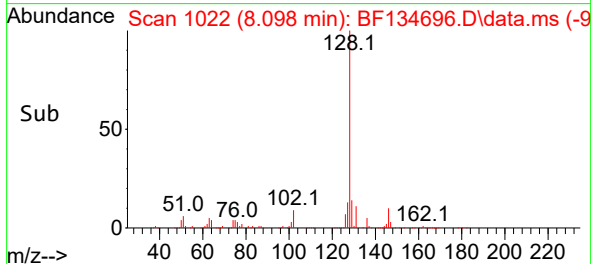
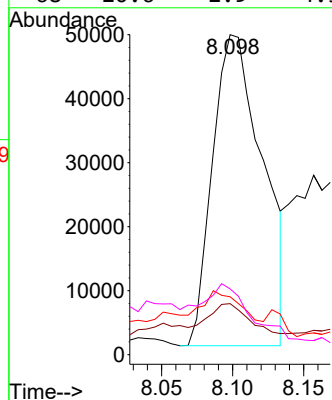
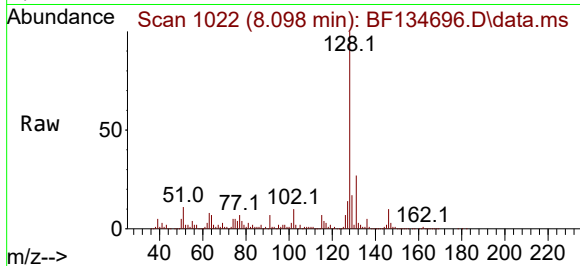




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

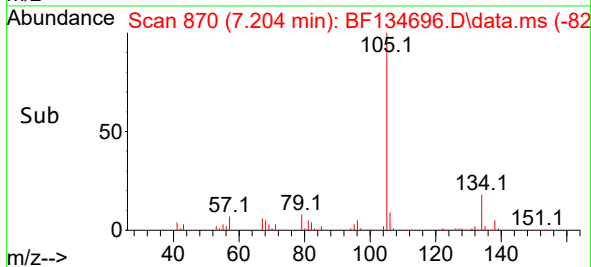
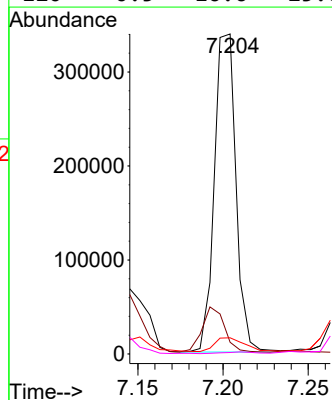
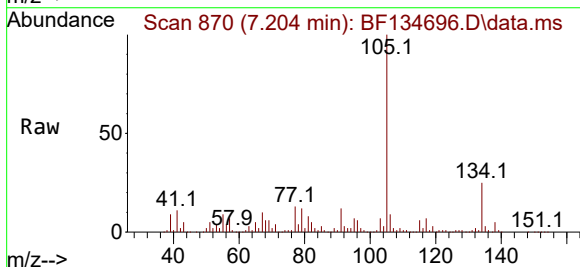
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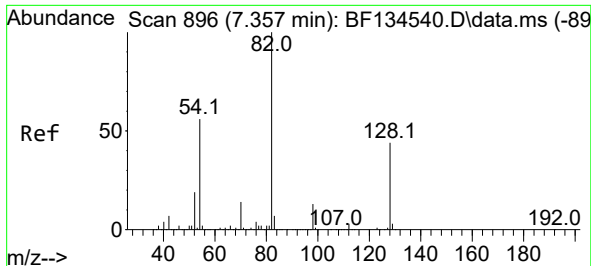
Tgt Ion:136 Resp: 118996
Ion Ratio Lower Upper
136 100
137 16.0 8.4 12.6#
54 18.1 5.2 7.8#
68 20.6 2.9 4.3#



#22
Acetophenone
Concen: 108.662 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion:105 Resp: 298506
Ion Ratio Lower Upper
105 100
71 3.7 7.4 11.0#
51 5.1 36.4 54.6#
120 0.5 16.6 25.0#





#23

Nitrobenzene-d5

Concen: 334.069 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.012 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB01-Z78-80

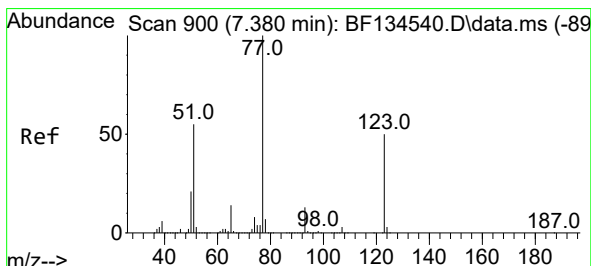
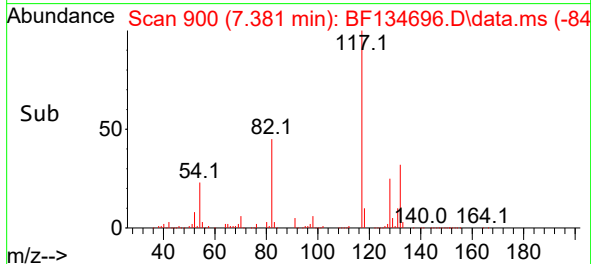
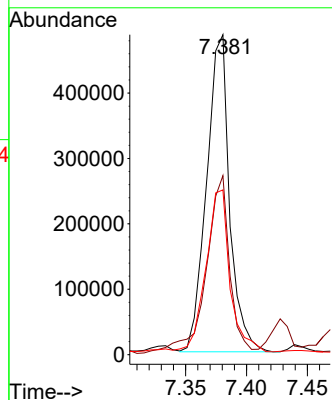
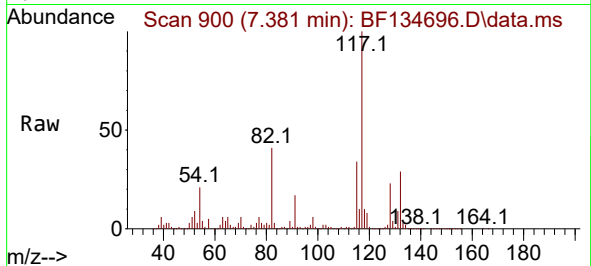
Tgt Ion: 82 Resp: 636121

Ion Ratio Lower Upper

82 100

128 56.0 34.3 51.5#

54 51.5 43.8 65.6



#24

Nitrobenzene

Concen: 26.983 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF134696.D

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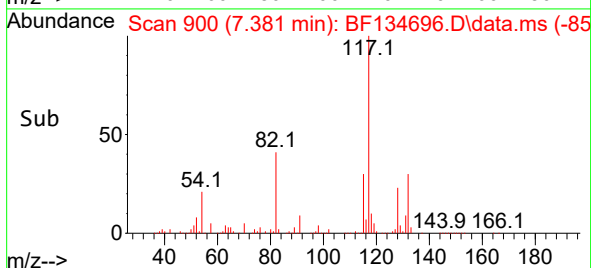
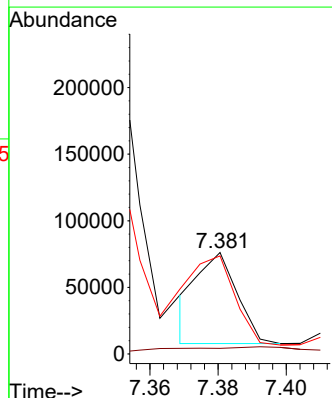
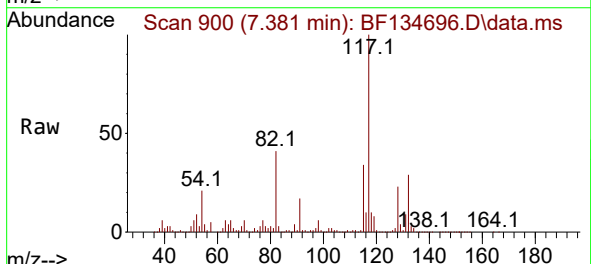
Tgt Ion: 77 Resp: 55508

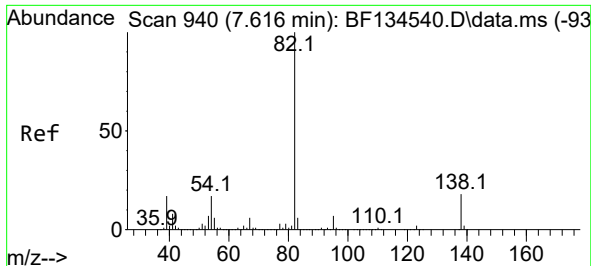
Ion Ratio Lower Upper

77 100

123 5.6 35.5 53.3#

65 96.8 11.9 17.9#

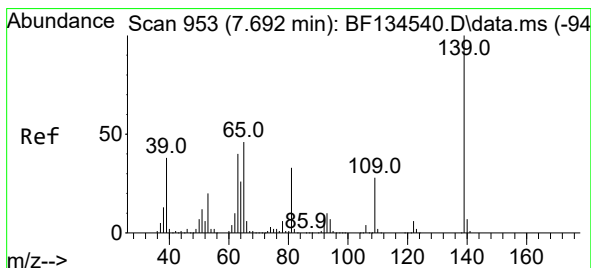
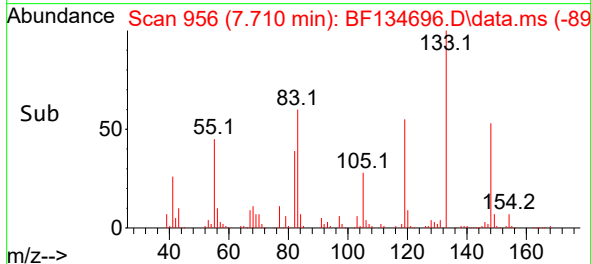
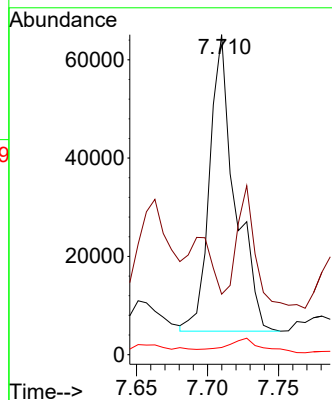
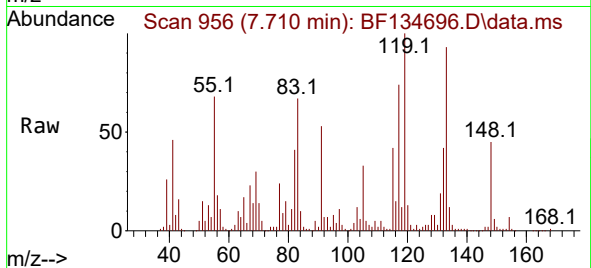




#25
Isophorone
Concen: 18.044 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.082 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

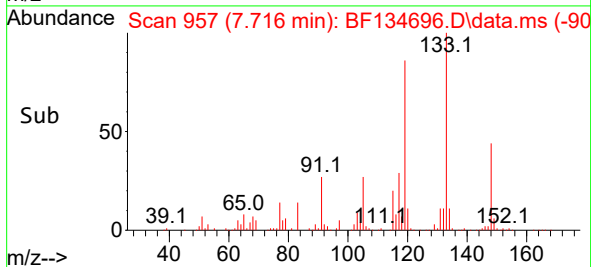
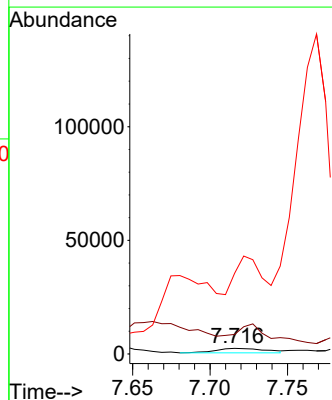
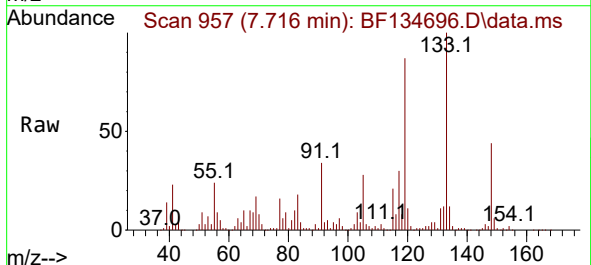
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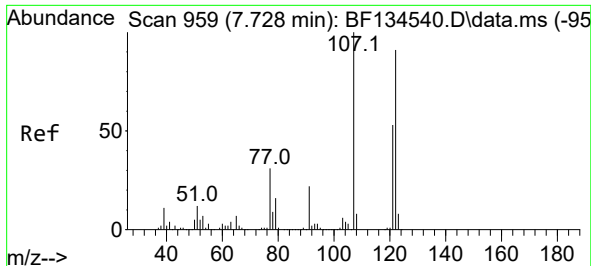
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Ion Ratio Lower Upper
82 100
95 18.9 6.0 9.0#
138 2.2 14.6 22.0#



#26
2-Nitrophenol
Concen: 9.363 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.018 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion:139 Resp: 4445
Ion Ratio Lower Upper
139 100
109 346.7 29.8 44.6#
65 1433.1 45.4 68.2#

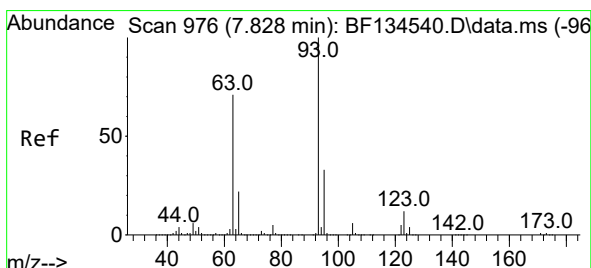
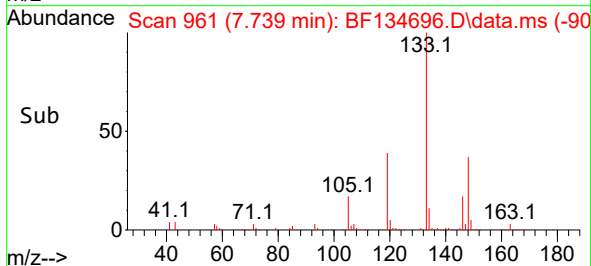
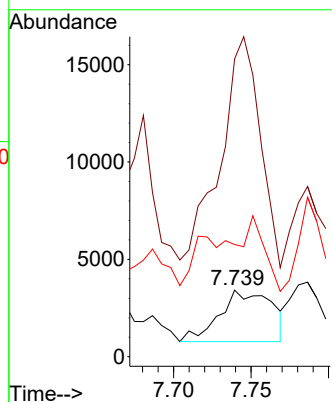
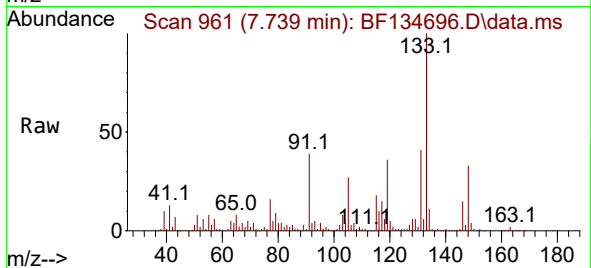




#27
2,4-Dimethylphenol
Concen: 3.339 ng
RT: 7.739 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

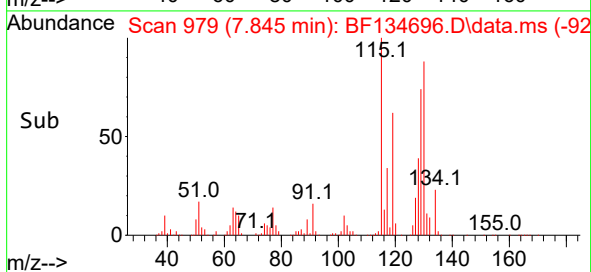
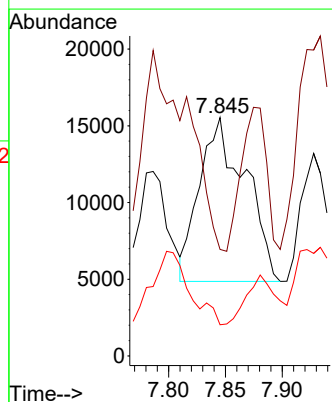
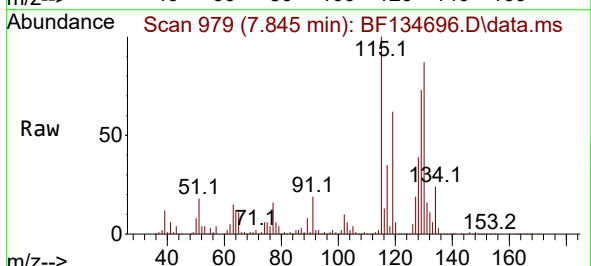
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

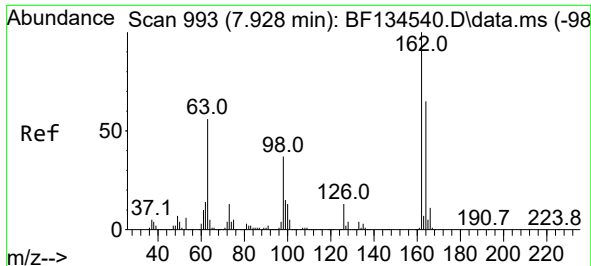
Tgt Ion:122 Resp: 6188
Ion Ratio Lower Upper
122 100
107 446.7 106.7 160.1#
121 168.3 49.0 73.6#



#28
bis(2-Chloroethoxy)methane
Concen: 12.055 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion: 93 Resp: 29950
Ion Ratio Lower Upper
93 100
95 44.7 26.5 39.7#
123 13.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 2.442 ng

RT: 7.963 min Scan# 993

Delta R.T. 0.023 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB01-Z78-80

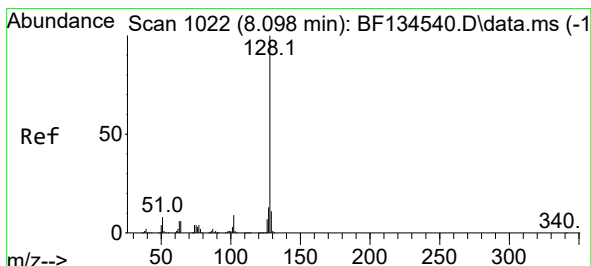
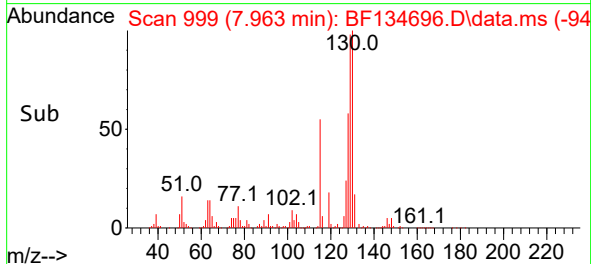
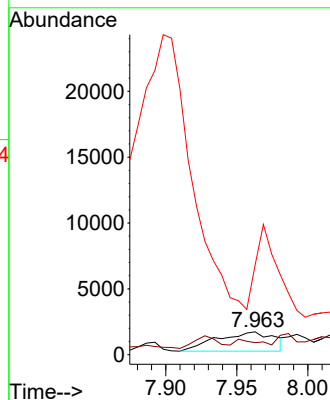
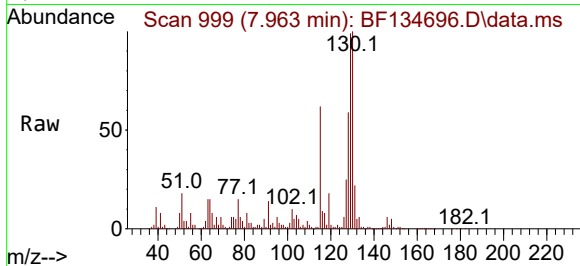
Tgt Ion:162 Resp: 4108

Ion Ratio Lower Upper

162 100

164 52.4 42.2 82.2

98 389.6 15.5 55.5#



#31

Naphthalene

Concen: 5641.414 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.112 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

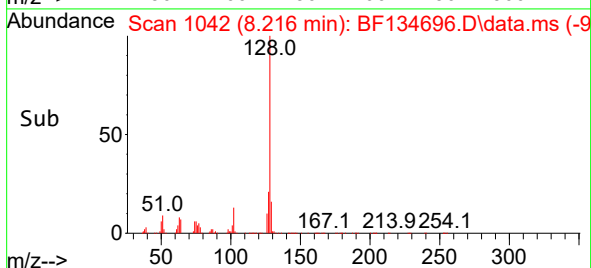
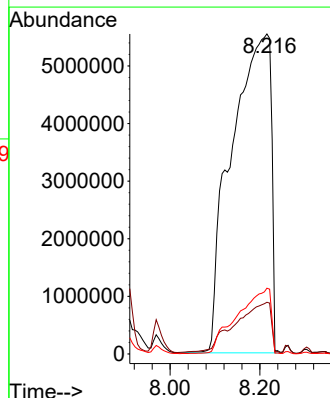
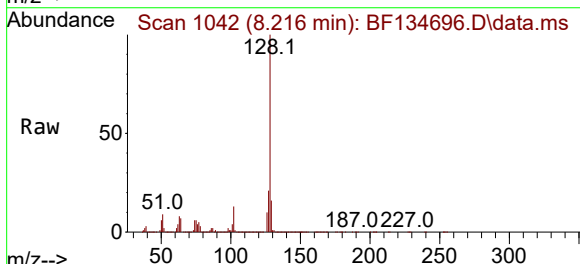
Tgt Ion:128 Resp:33738569

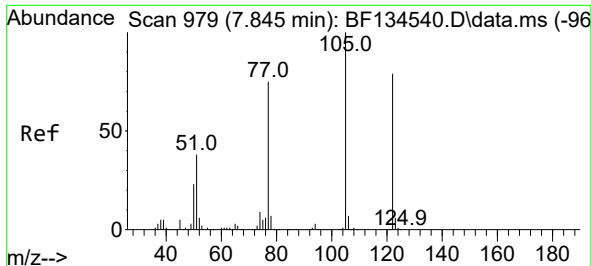
Ion Ratio Lower Upper

128 100

129 16.2 8.4 12.6#

127 20.6 10.7 16.1#

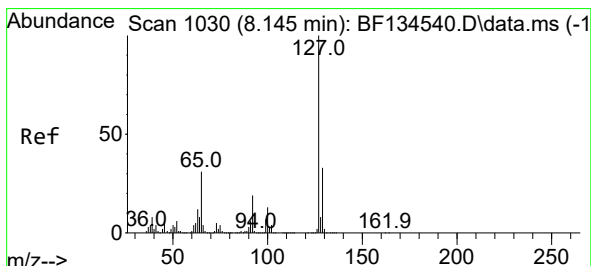
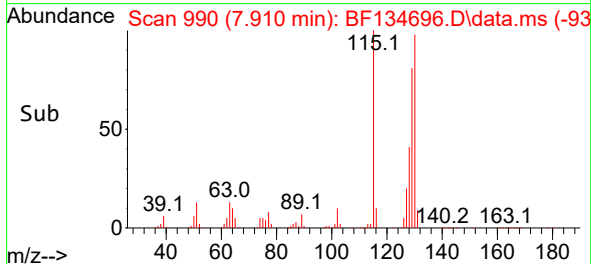
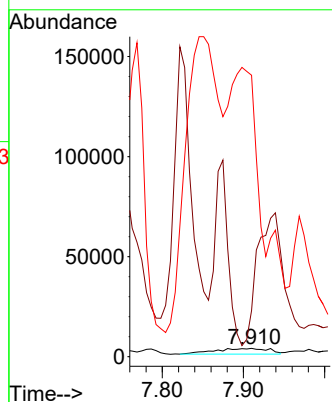
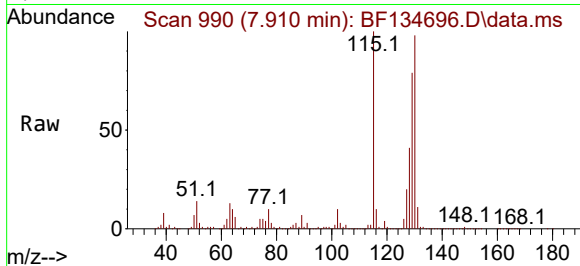




#32
Benzoic acid
Concen: 16.901 ng
RT: 7.910 min Scan# 91
Delta R.T. 0.047 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

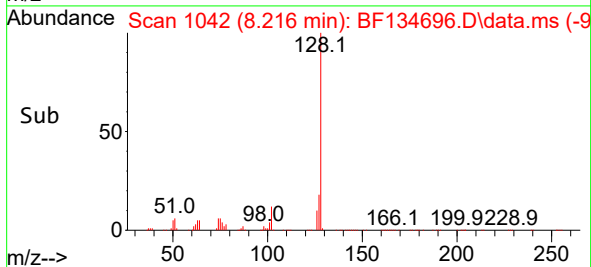
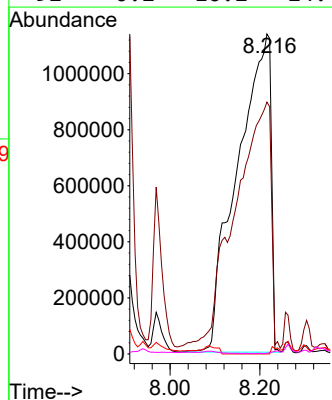
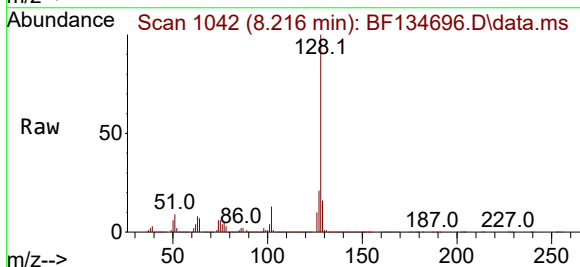
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

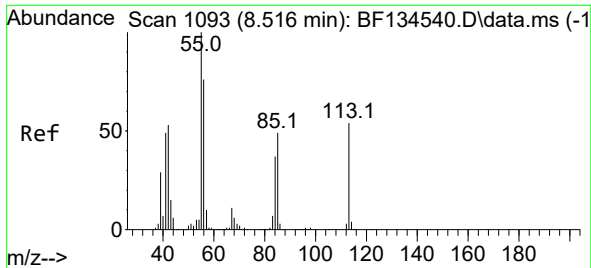
Tgt Ion:122 Resp: 13061
Ion Ratio Lower Upper
122 100
105 554.9 87.5 127.5#
77 3391.3 71.4 111.4#



#33
4-Chloroaniline
Concen: 2208.721 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.065 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion:127 Resp: 5885689
Ion Ratio Lower Upper
127 100
129 78.7 25.6 38.4#
65 0.0 25.4 38.0#
92 0.2 16.2 24.4#





#35

Caprolactam

Concen: 20.613 ng

RT: 8.563 min Scan# 1110

Delta R.T. 0.029 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB01-Z78-80

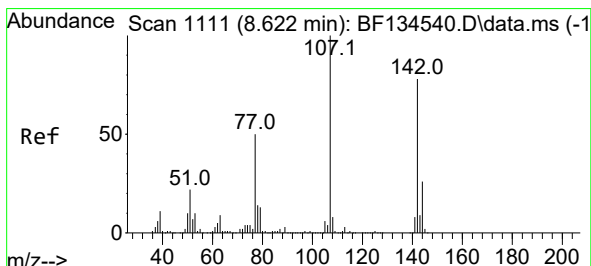
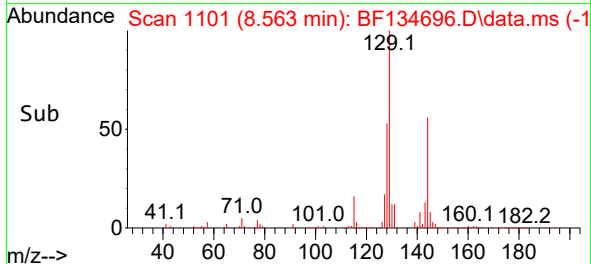
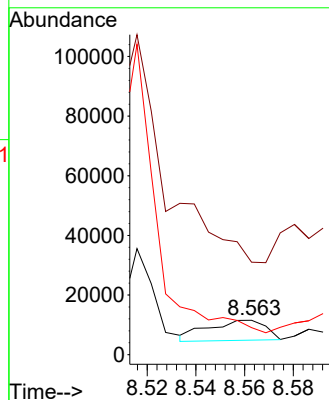
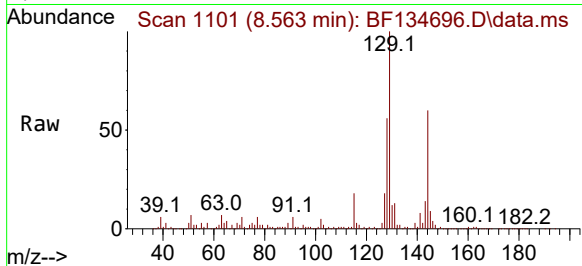
Tgt Ion:113 Resp: 11185

Ion Ratio Lower Upper

113 100

55 268.5 161.5 201.5#

56 78.6 117.8 157.8#



#36

4-Chloro-3-methylphenol

Concen: 4.192 ng

RT: 8.628 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

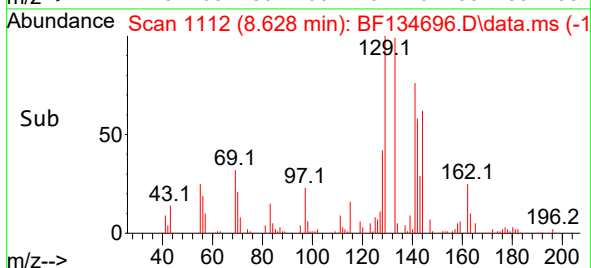
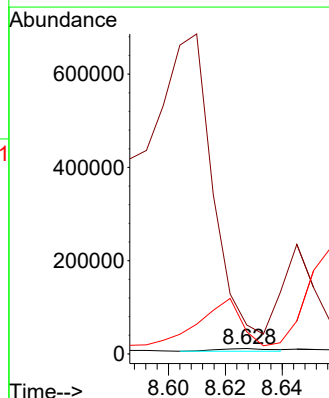
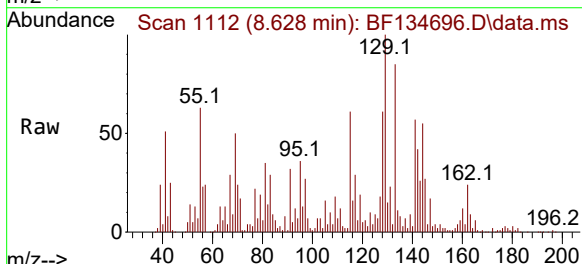
Tgt Ion:107 Resp: 7466

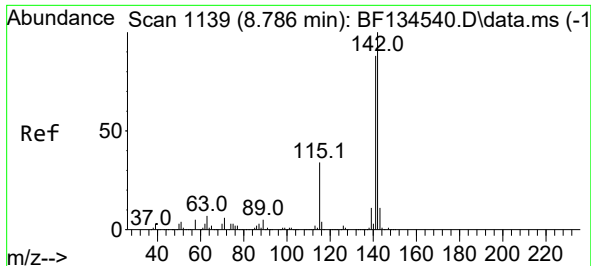
Ion Ratio Lower Upper

107 100

144 539.0 19.6 29.4#

142 413.2 57.7 86.5#

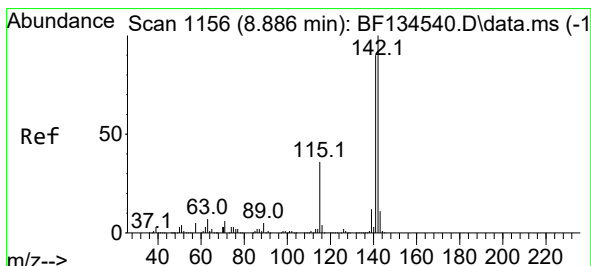
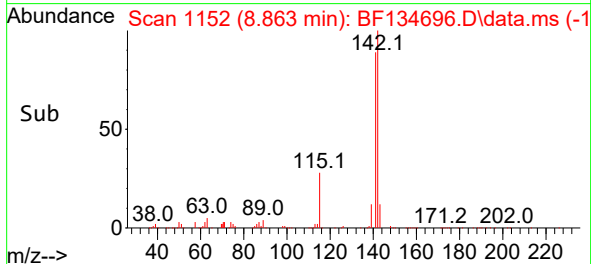
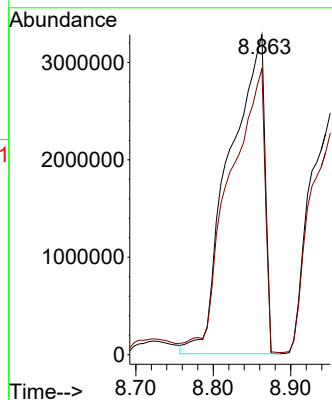
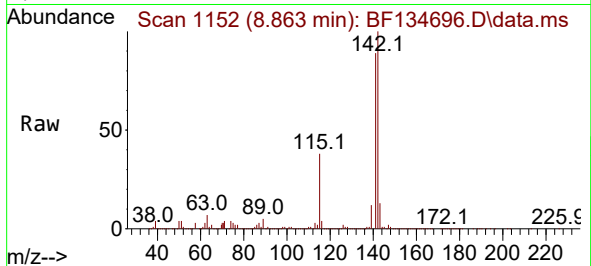




#37
2-Methylnaphthalene
Concen: 2599.994 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.071 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

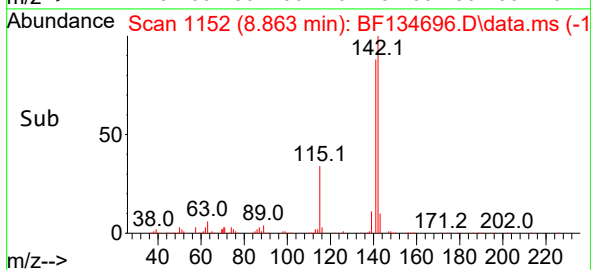
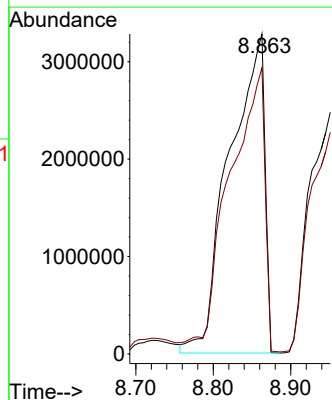
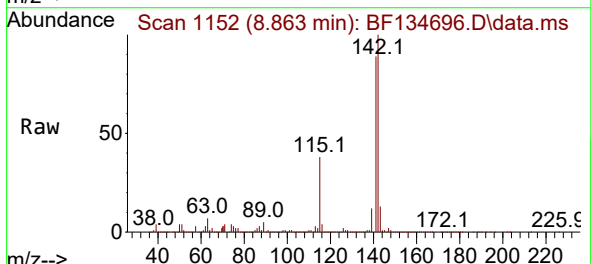
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

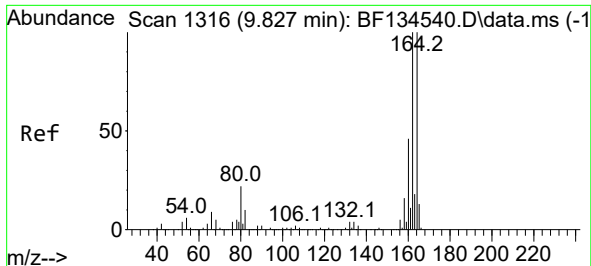
Tgt Ion:142 Resp:10306670
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2



#38
1-Methylnaphthalene
Concen: 2796.016 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.029 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion:142 Resp:10306670
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2

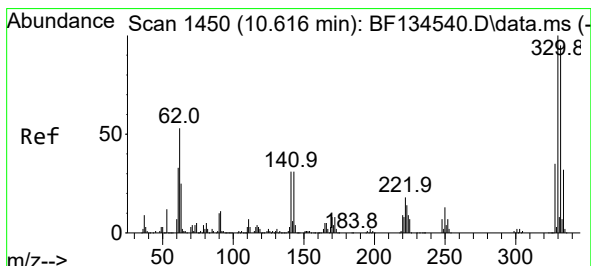
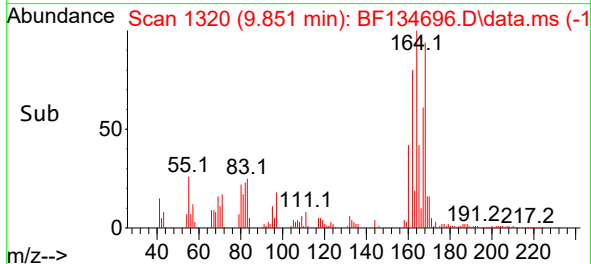
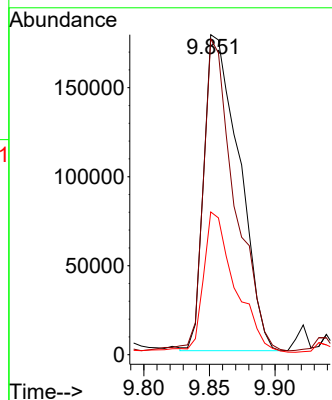
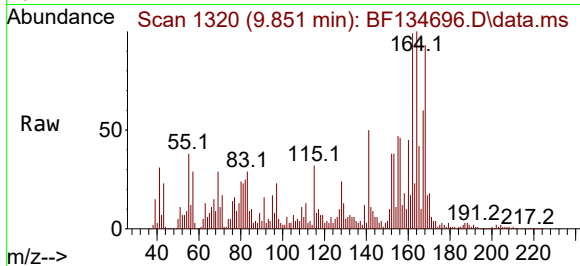




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

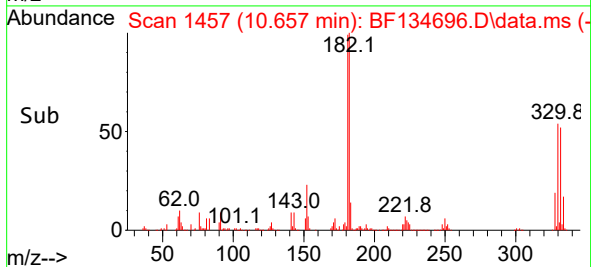
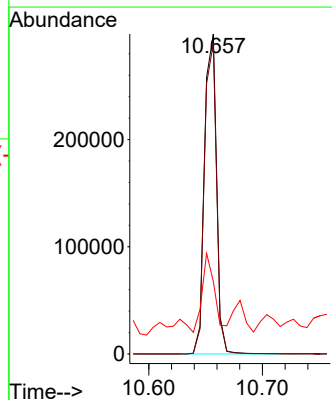
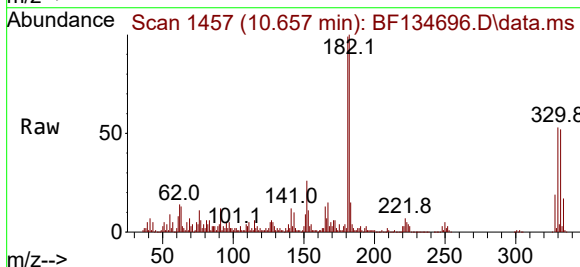
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

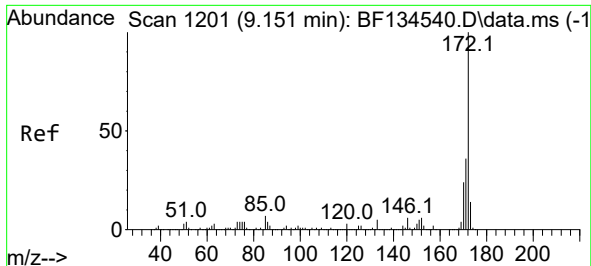
Tgt Ion:164 Resp: 331747
Ion Ratio Lower Upper
164 100
162 98.6 82.6 123.8
160 44.6 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 65.210 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.029 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion:330 Resp: 220531
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 25.0 25.4 38.2#

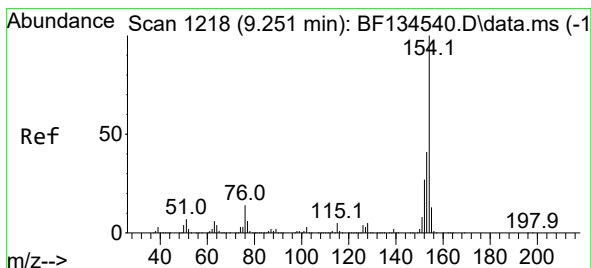
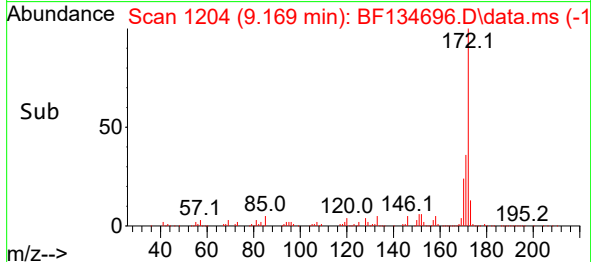
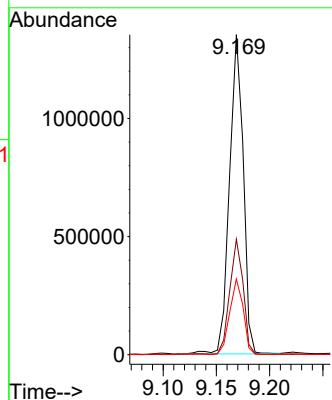
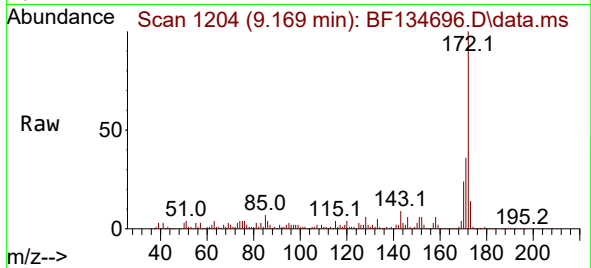




#45
2-Fluorobiphenyl
Concen: 60.905 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

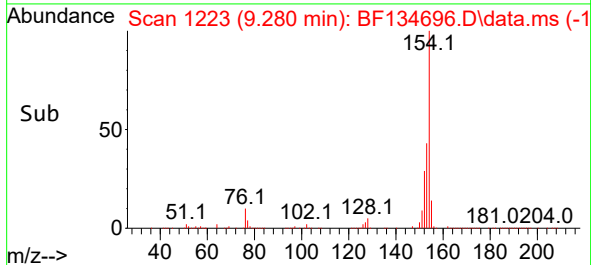
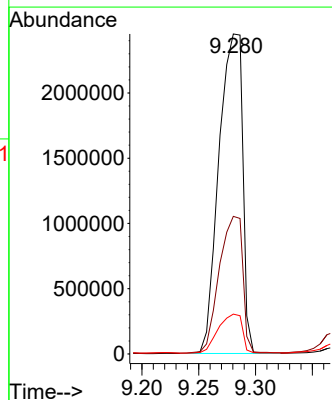
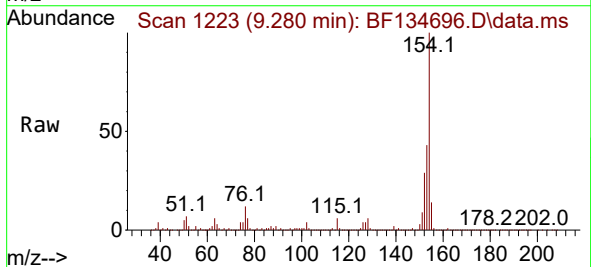
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

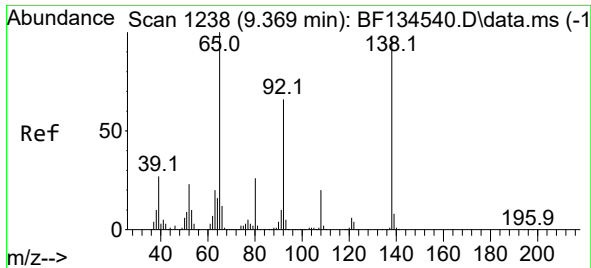
Tgt Ion:172 Resp: 1215197
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.7 18.7 28.1



#46
1,1'-Biphenyl
Concen: 137.828 ng
RT: 9.280 min Scan# 1223
Delta R.T. 0.018 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion:154 Resp: 3555622
Ion Ratio Lower Upper
154 100
153 43.0 20.8 60.8
76 12.5 0.0 30.2

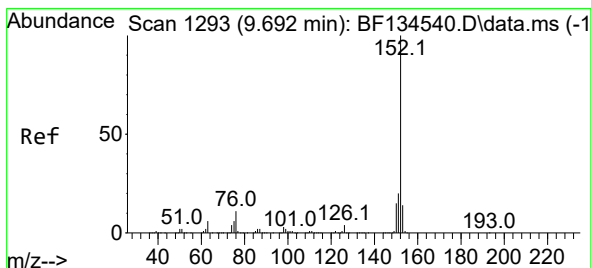
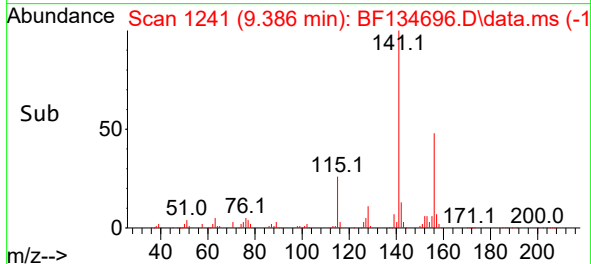
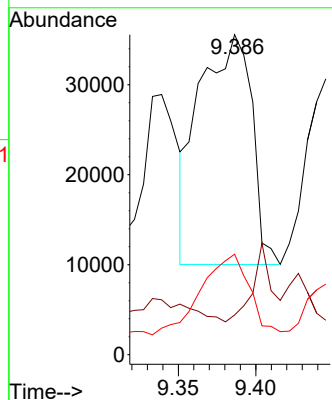
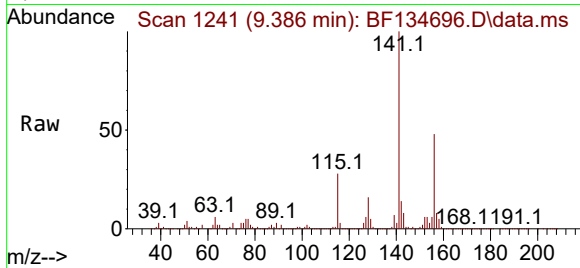




#48
2-Nitroaniline
Concen: 12.442 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

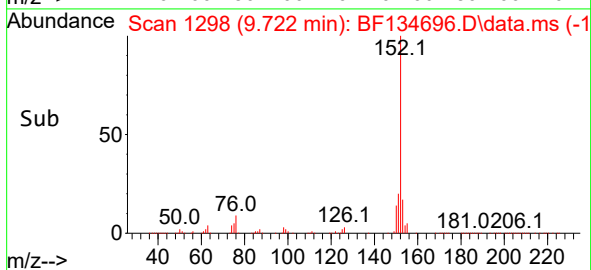
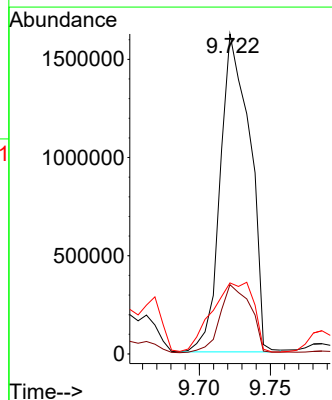
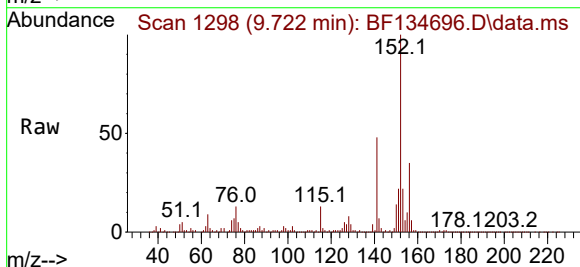
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

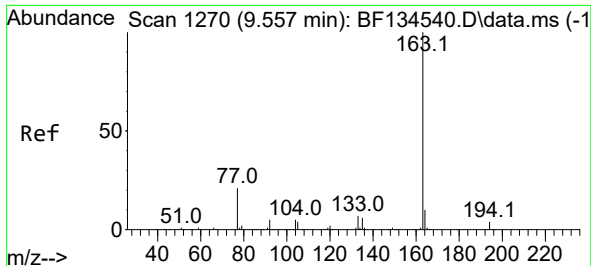
Tgt Ion: 65 Resp: 59848
Ion Ratio Lower Upper
65 100
92 12.4 50.7 76.1#
138 31.4 78.2 117.4#



#49
Acenaphthylene
Concen: 77.402 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.023 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion: 152 Resp: 2351849
Ion Ratio Lower Upper
152 100
151 21.7 16.4 24.6
153 22.2 10.9 16.3#

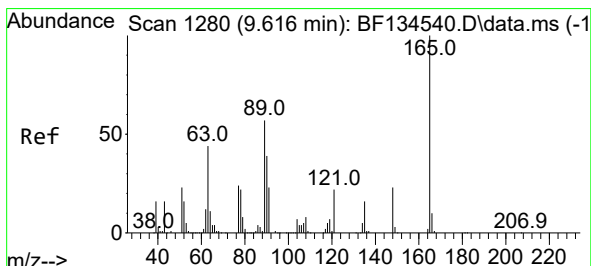
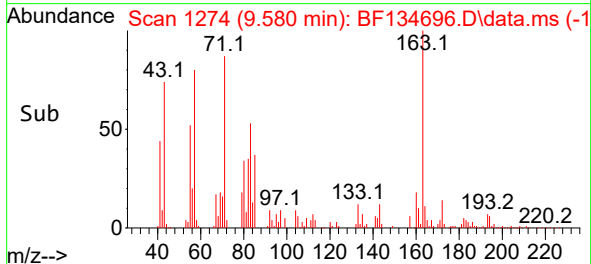
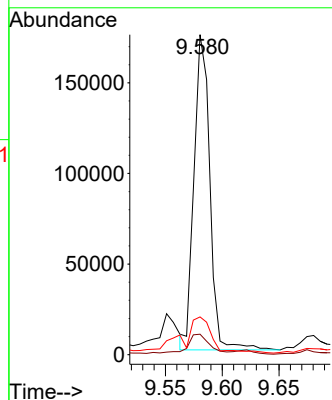
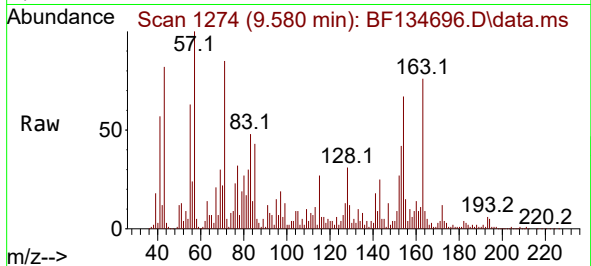




#50
Dimethylphthalate
Concen: 7.472 ng
RT: 9.580 min Scan# 1274
Delta R.T. 0.012 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

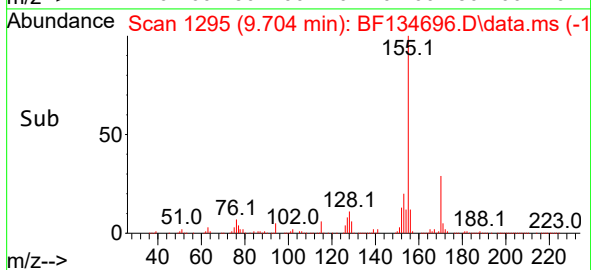
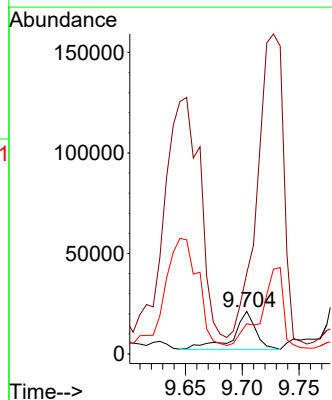
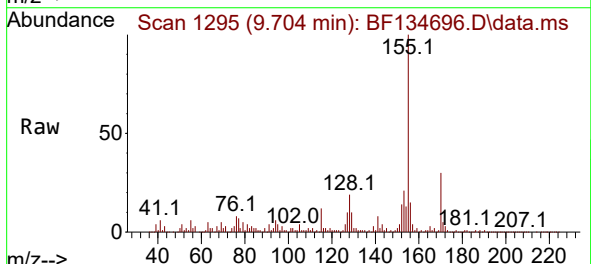
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

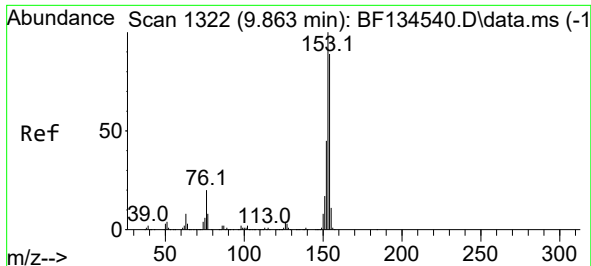
Tgt Ion:163 Resp: 168940
Ion Ratio Lower Upper
163 100
194 6.4 3.3 4.9#
164 11.8 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 7.889 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.076 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion:165 Resp: 26355
Ion Ratio Lower Upper
165 100
63 189.9 57.8 86.6#
89 71.3 51.8 77.8

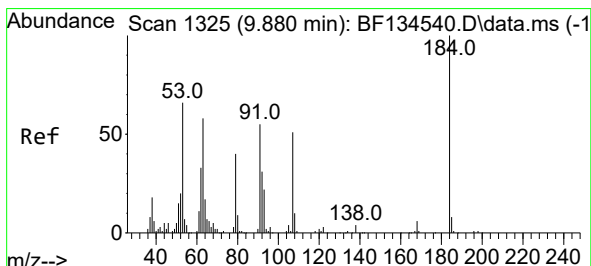
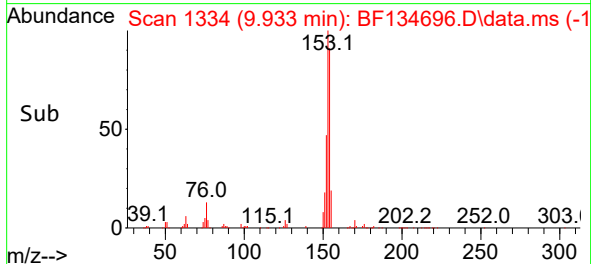
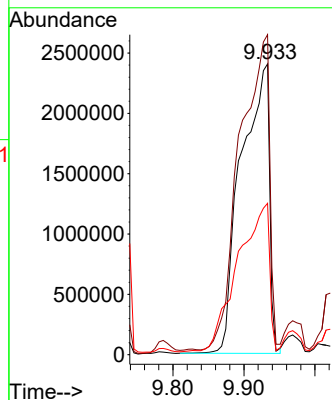
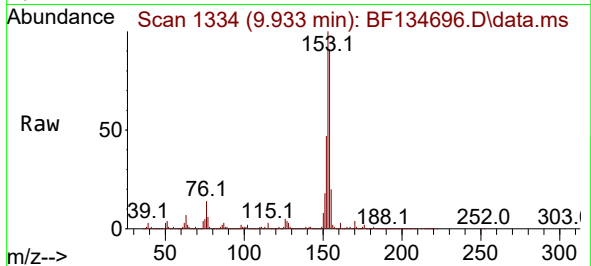




#52
Acenaphthene
Concen: 332.994 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.059 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

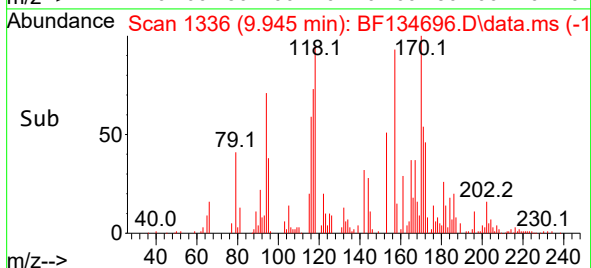
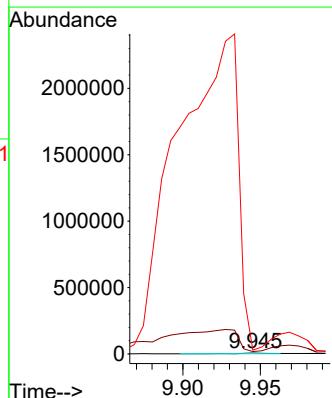
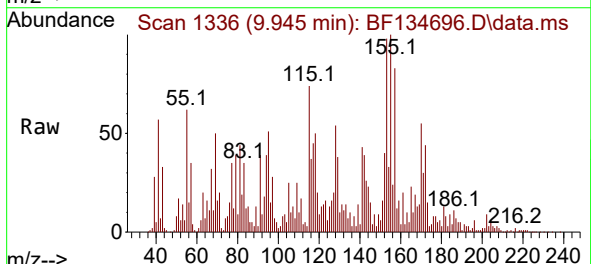
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

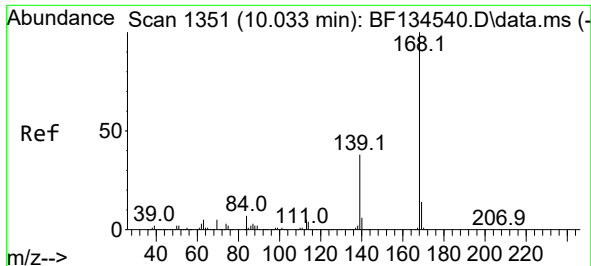
Tgt Ion:154 Resp: 6556946
Ion Ratio Lower Upper
154 100
153 110.1 90.0 135.0
152 52.1 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 12.836 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.047 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion:184 Resp: 8627
Ion Ratio Lower Upper
184 100
63 223.7 57.1 85.7#
154 359.7 59.1 88.7#

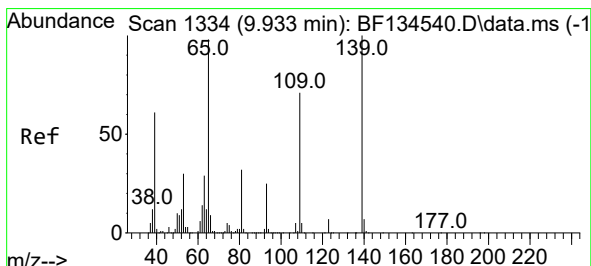
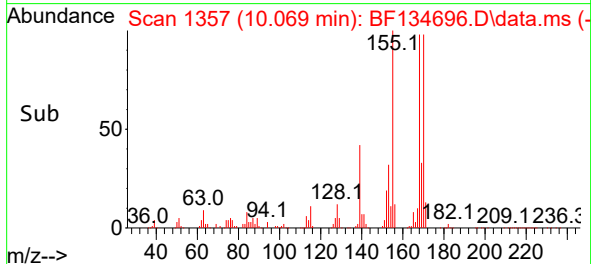
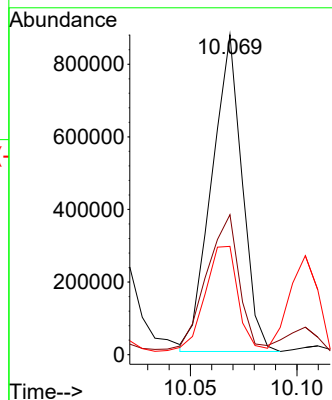
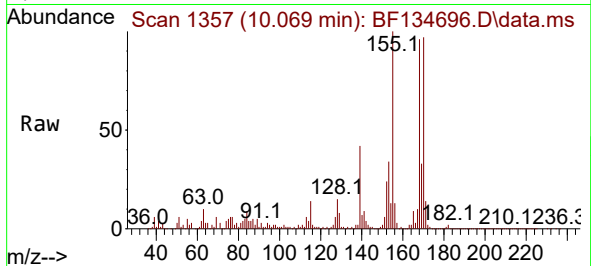




#55
Dibenzofuran
Concen: 30.944 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

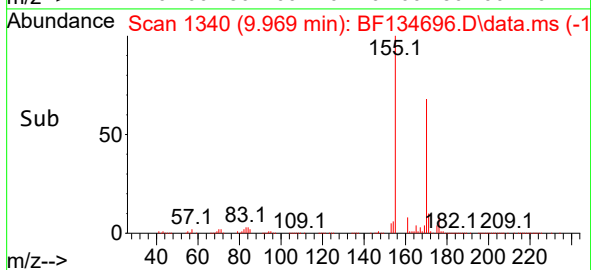
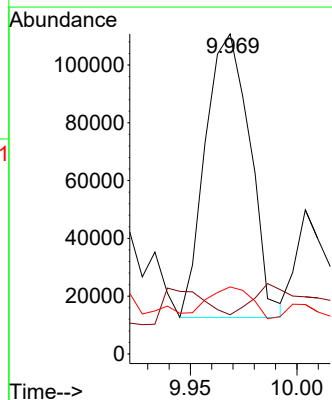
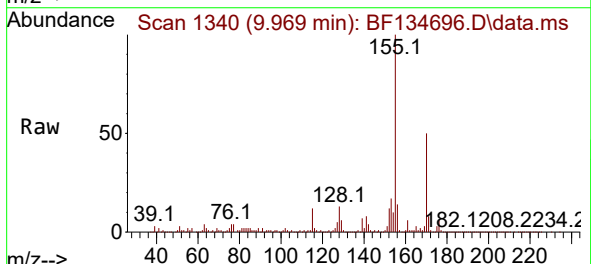
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

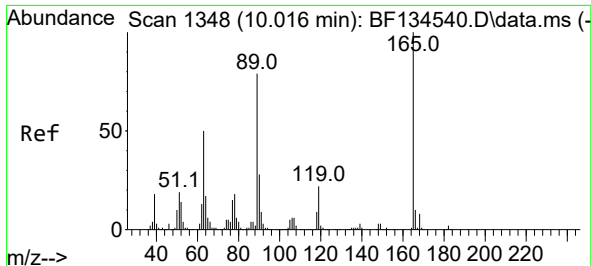
Tgt Ion:168 Resp: 867393
Ion Ratio Lower Upper
168 100
139 43.8 33.4 50.2
169 33.8 10.6 15.8#



#56
4-Nitrophenol
Concen: 34.739 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion:139 Resp: 143188
Ion Ratio Lower Upper
139 100
109 12.2 76.9 116.9#
65 21.0 98.5 138.5#





#57

2,4-Dinitrotoluene

Concen: 14.845 ng

RT: 10.069 min Scan# 1

Delta R.T. 0.041 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB01-Z78-80

Tgt Ion:165 Resp: 71355

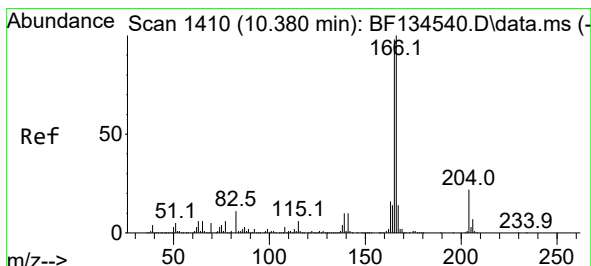
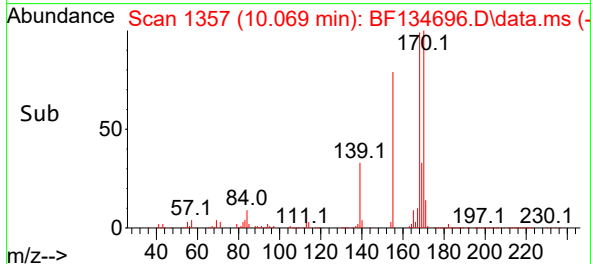
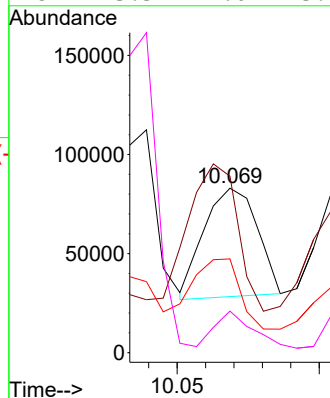
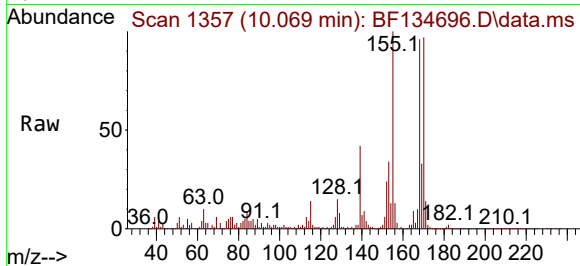
Ion Ratio Lower Upper

165 100

63 107.4 48.9 73.3#

89 57.1 61.7 92.5#

182 25.3 2.0 3.0#



#58

Fluorene

Concen: 78.106 ng

RT: 10.598 min Scan# 1447

Delta R.T. 0.212 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

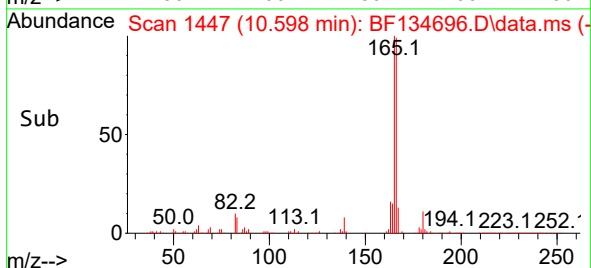
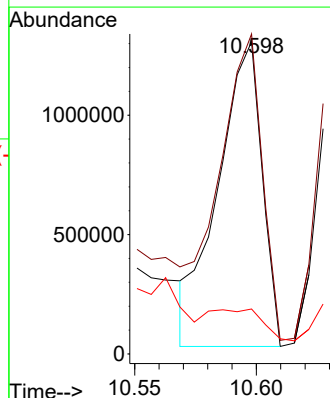
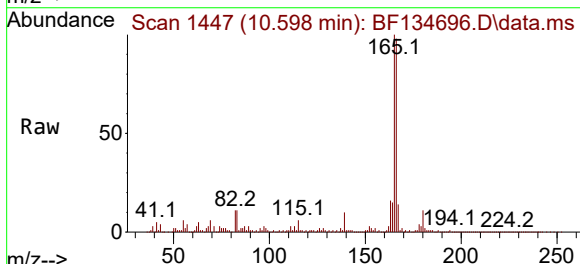
Tgt Ion:166 Resp: 1594724

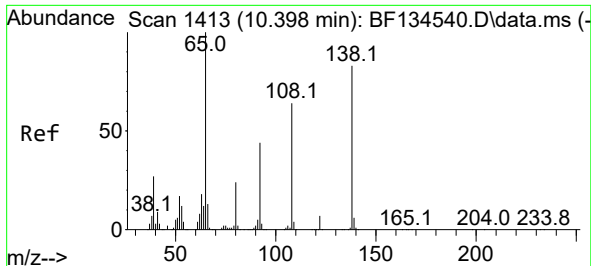
Ion Ratio Lower Upper

166 100

165 102.5 74.5 111.7

167 14.4 10.6 16.0

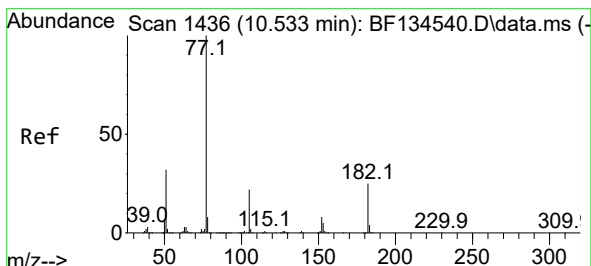
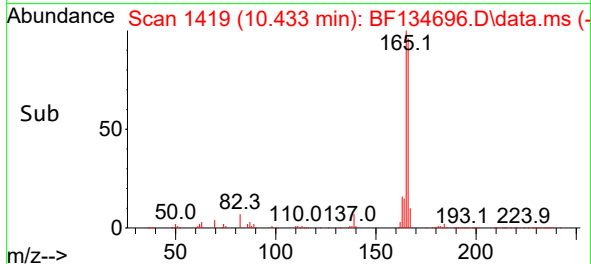
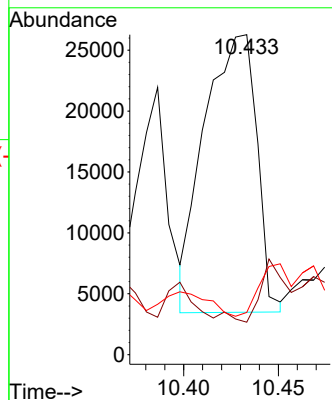
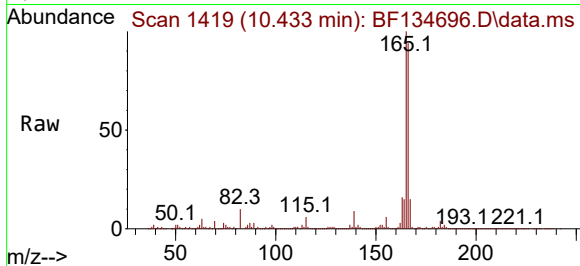




#62
4-Nitroaniline
Concen: 8.846 ng
RT: 10.433 min Scan# 1413
Delta R.T. 0.023 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

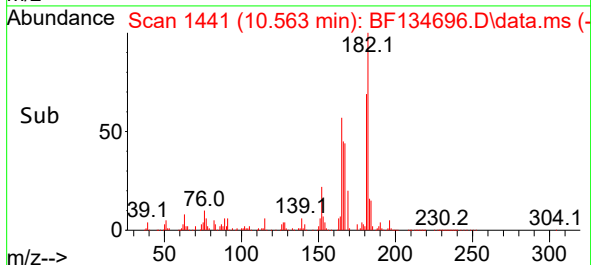
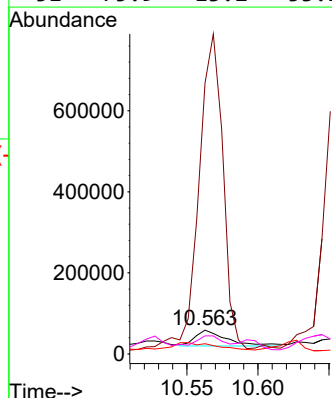
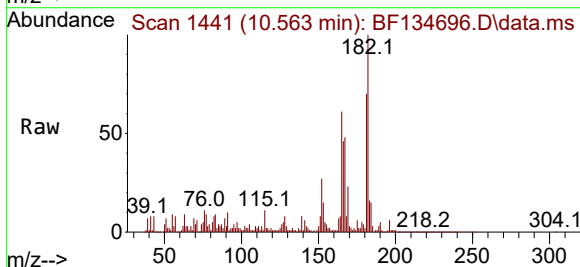
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

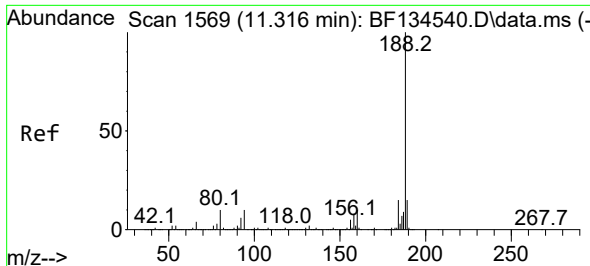
Tgt Ion:138 Resp: 43695
Ion Ratio Lower Upper
138 100
92 10.1 27.0 67.0#
108 13.2 70.4 110.4#



#63
Azobenzene
Concen: 2.640 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.023 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion: 77 Resp: 60794
Ion Ratio Lower Upper
77 100
182 1132.0 7.5 47.5#
105 43.1 1.9 41.9#
51 75.9 13.2 53.2#

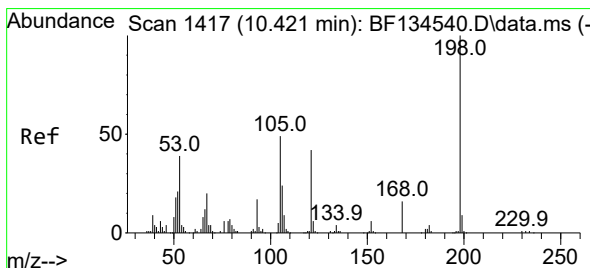
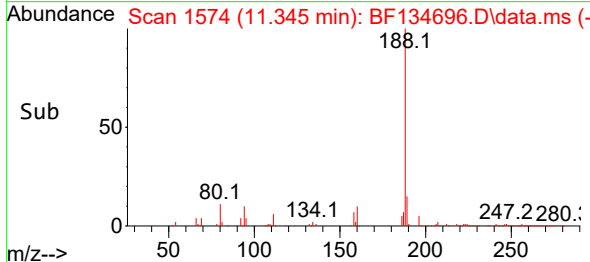
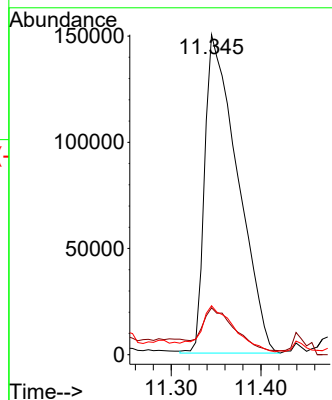
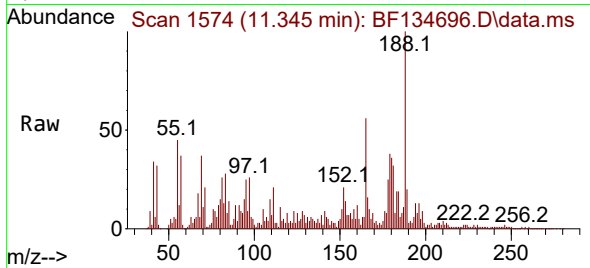




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

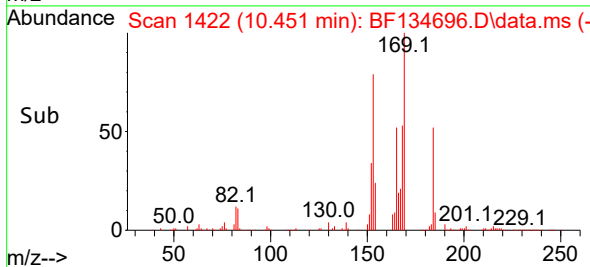
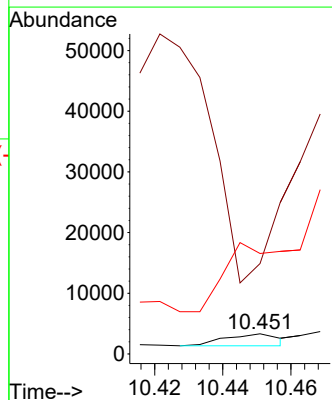
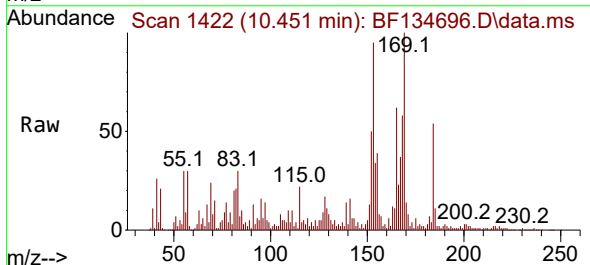
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

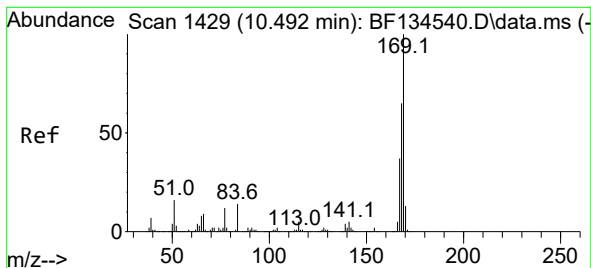
Tgt Ion:188 Resp: 380703
Ion Ratio Lower Upper
188 100
94 14.7 5.1 7.7#
80 15.3 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 9.854 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion:198 Resp: 2171
Ion Ratio Lower Upper
198 100
51 449.3 38.6 78.6#
105 499.9 27.9 67.9#

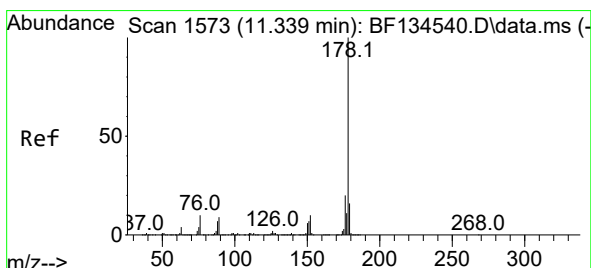
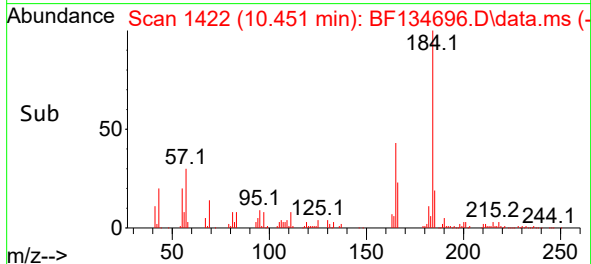
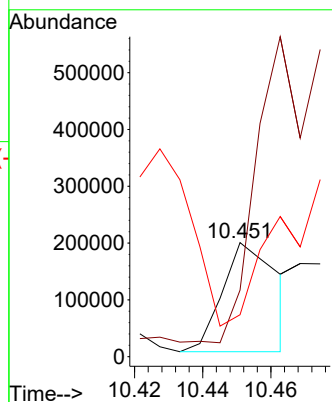
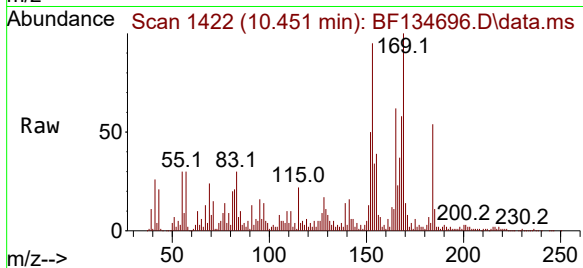




#66
n-Nitrosodiphenylamine
Concen: 17.470 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.053 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

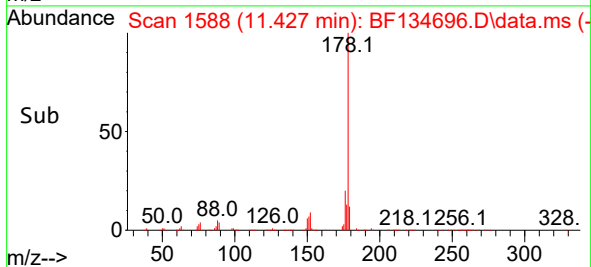
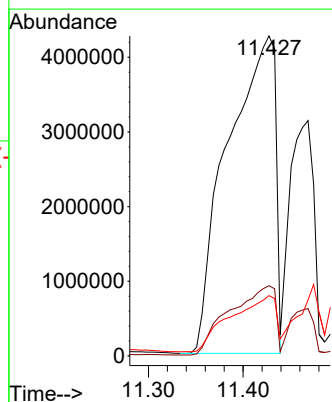
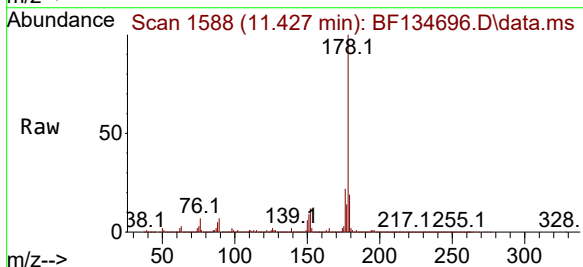
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

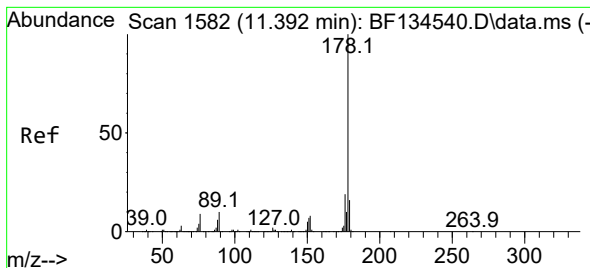
Tgt Ion:169 Resp: 211694
Ion Ratio Lower Upper
169 100
168 58.4 52.6 78.8
167 36.8 29.8 44.8



#71
Phenanthrene
Concen: 735.830 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.076 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion:178 Resp:14879509
Ion Ratio Lower Upper
178 100
176 22.0 15.8 23.6
179 18.9 12.7 19.1





#72

Anthracene

Concen: 720.378 ng

RT: 11.427 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB01-Z78-80

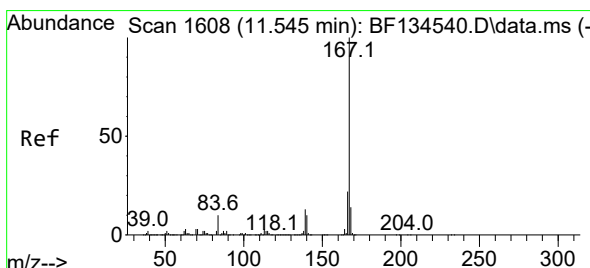
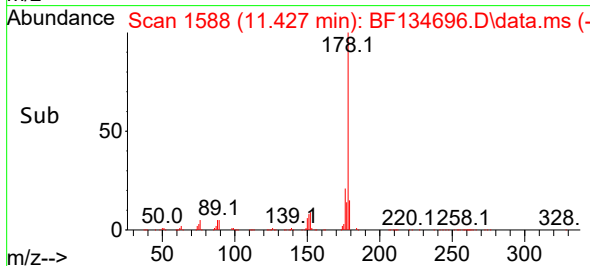
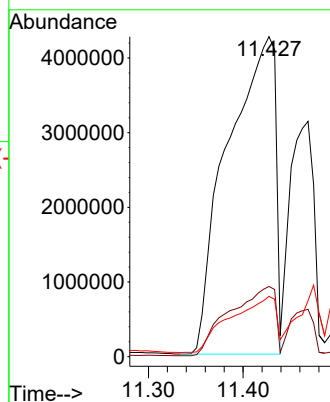
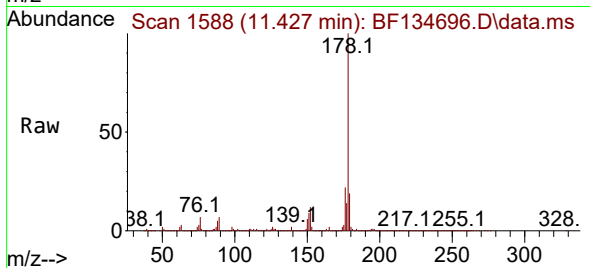
Tgt Ion:178 Resp:14879509

Ion Ratio Lower Upper

178 100

176 22.0 14.6 21.8#

179 18.9 12.3 18.5#



#73

Carbazole

Concen: 21.914 ng

RT: 11.586 min Scan# 1615

Delta R.T. 0.029 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

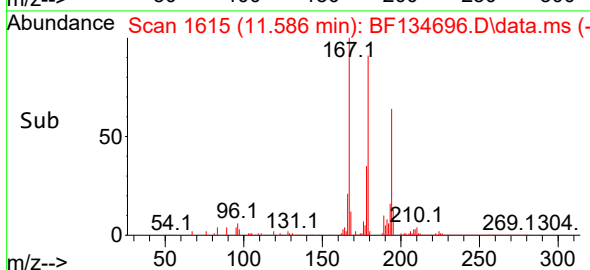
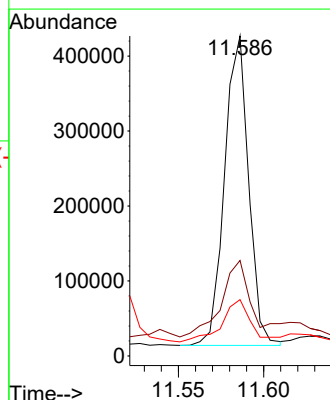
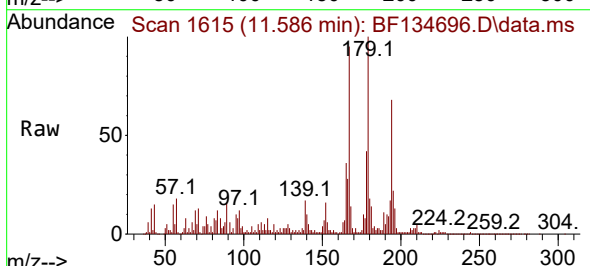
Tgt Ion:167 Resp: 404153

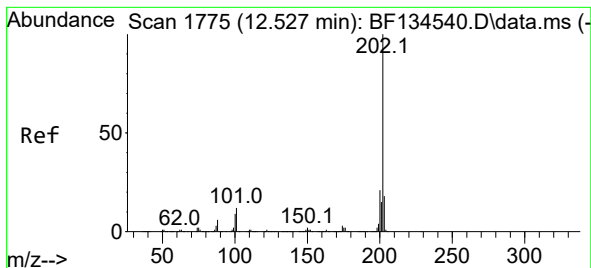
Ion Ratio Lower Upper

167 100

166 29.9 17.5 26.3#

139 17.6 11.0 16.4#





#75

Fluoranthene

Concen: 344.211 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.071 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB01-Z78-80

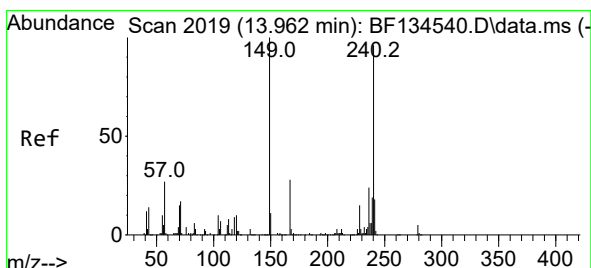
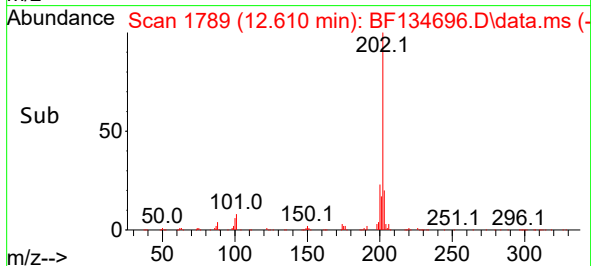
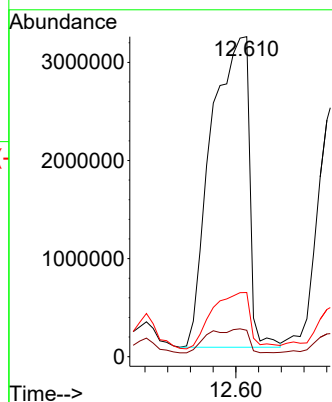
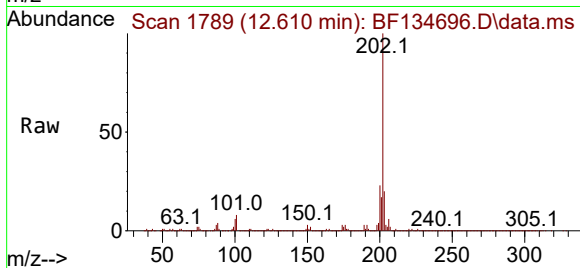
Tgt Ion:202 Resp: 7352398

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.5

203 20.1 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.053 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

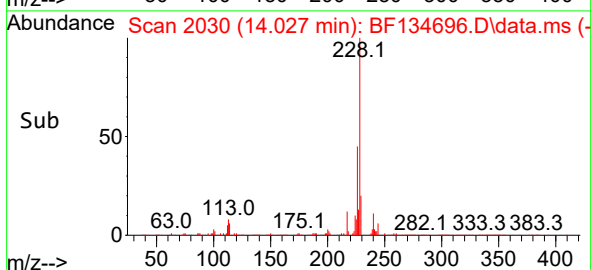
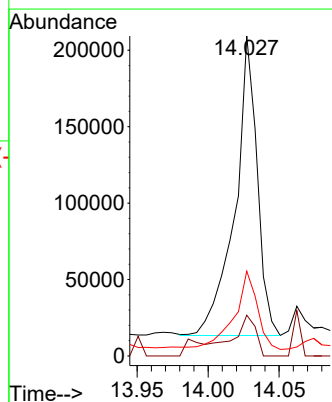
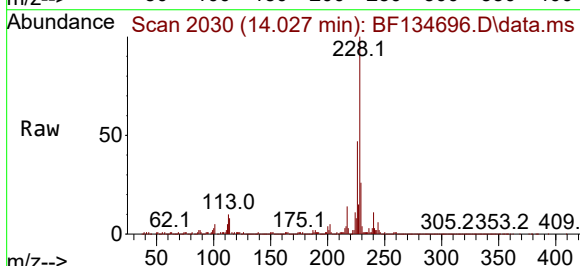
Tgt Ion:240 Resp: 213219

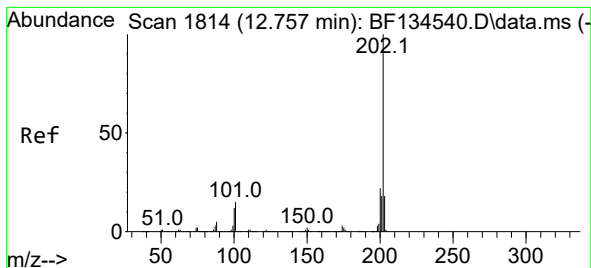
Ion Ratio Lower Upper

240 100

120 12.8 6.6 10.0#

236 26.5 20.2 30.2





#78

Pyrene

Concen: 223.572 ng

RT: 12.692 min Scan# 1803

Delta R.T. -0.077 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB01-Z78-80

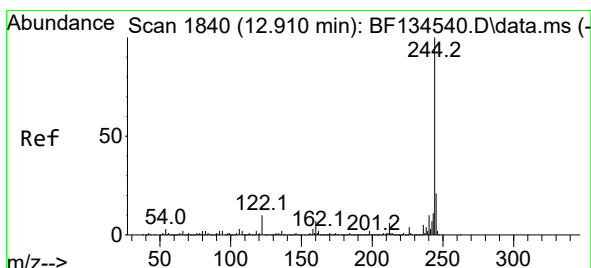
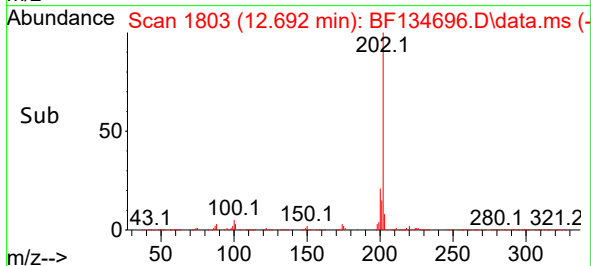
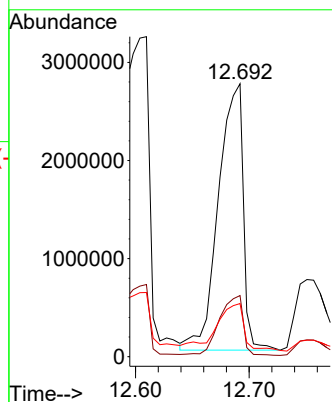
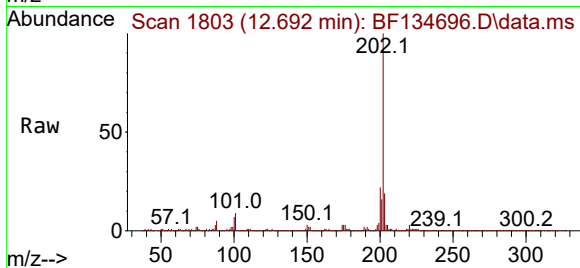
Tgt Ion:202 Resp: 4124929

Ion Ratio Lower Upper

202 100

200 22.4 15.8 23.8

203 19.5 13.5 20.3



#79

Terphenyl-d14

Concen: 83.380 ng

RT: 12.945 min Scan# 1846

Delta R.T. 0.023 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

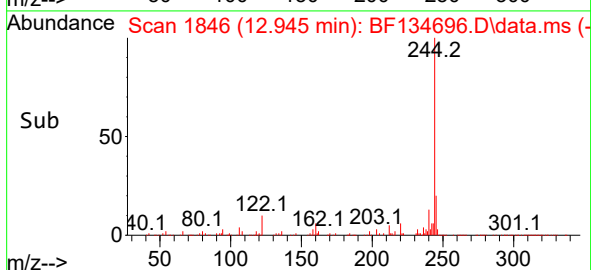
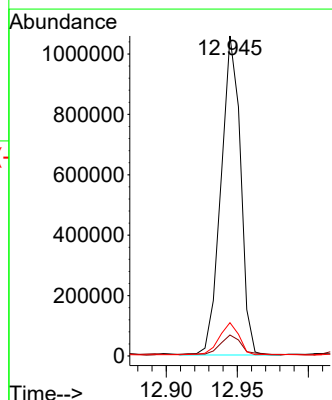
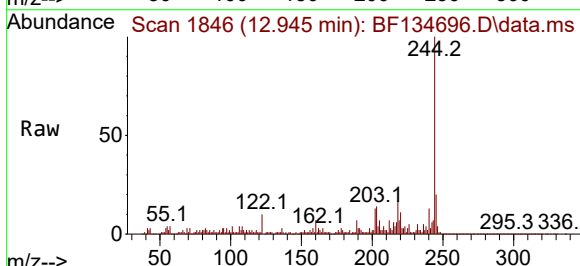
Tgt Ion:244 Resp: 1008489

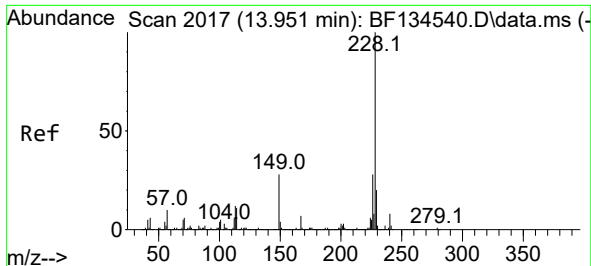
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.4 8.0 12.0

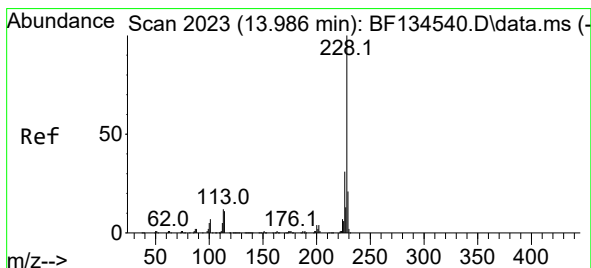
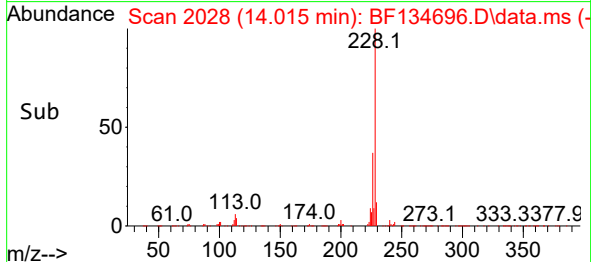
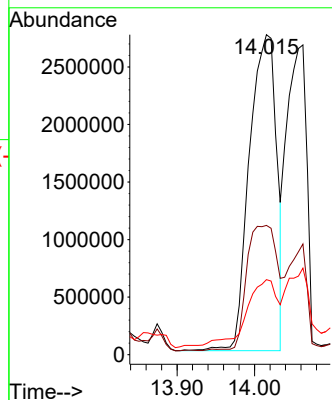
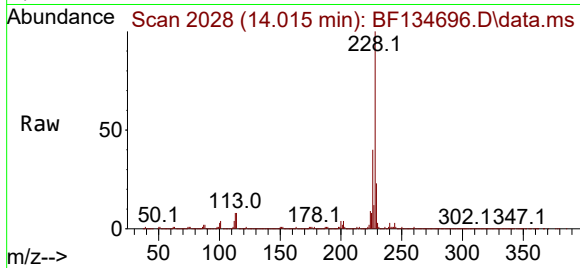




#81
Benzo(a)anthracene
Concen: 438.900 ng
RT: 14.015 min Scan# 2017
Delta R.T. 0.053 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

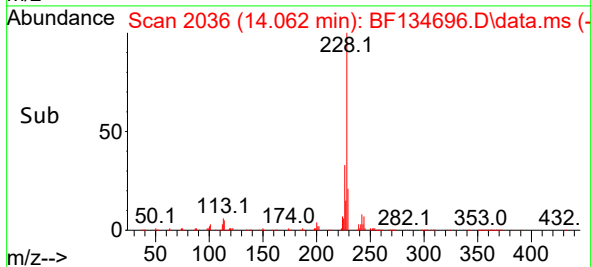
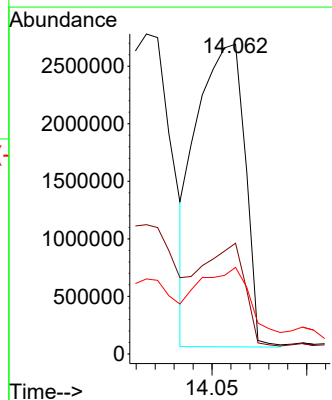
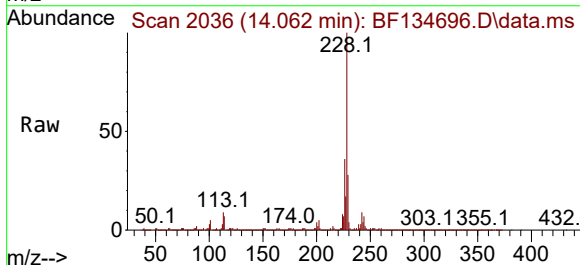
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

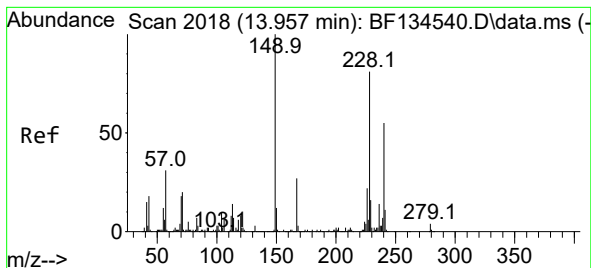
Tgt Ion:228 Resp: 6691546
Ion Ratio Lower Upper
228 100
226 40.4 22.3 33.5#
229 23.5 15.8 23.6



#83
Chrysene
Concen: 313.756 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.065 min
Lab File: BF134696.D
Acq: 09 Aug 2023 18:29

Tgt Ion:228 Resp: 4660464
Ion Ratio Lower Upper
228 100
226 35.7 24.5 36.7
229 27.9 15.8 23.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.430 ng

RT: 13.986 min Scan# 2018

Delta R.T. 0.023 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB01-Z78-80

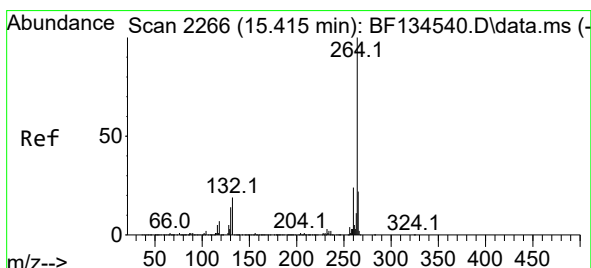
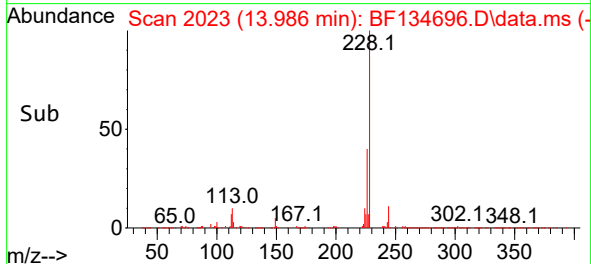
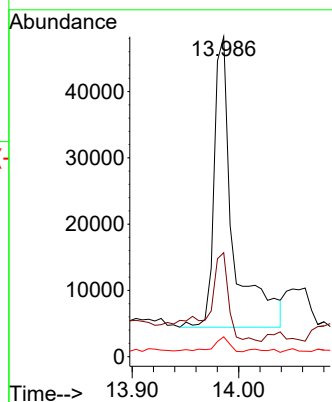
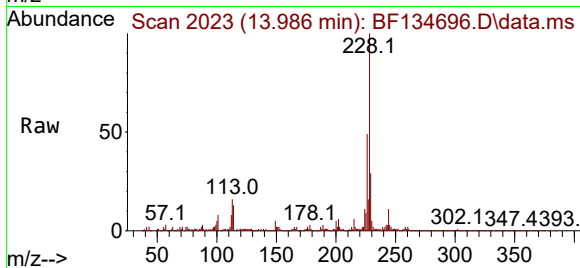
Tgt Ion:149 Resp: 54550

Ion Ratio Lower Upper

149 100

167 32.5 21.6 32.4#

279 6.2 3.5 5.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.053 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

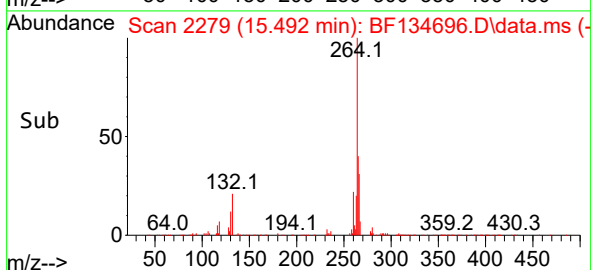
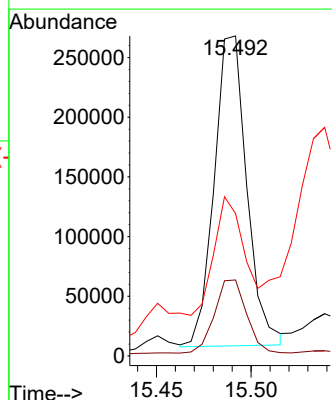
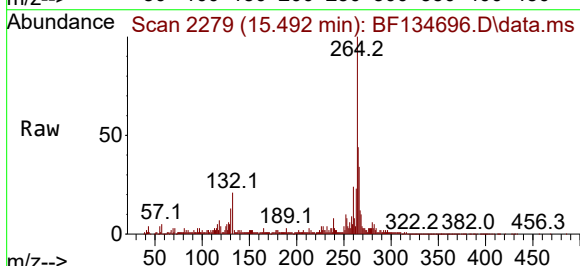
Tgt Ion:264 Resp: 311764

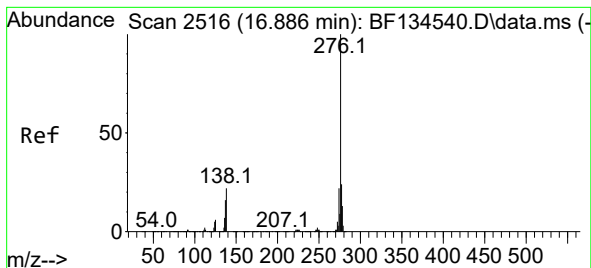
Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 44.5 15.8 23.8#





#87

Indeno(1,2,3-cd)pyrene

Concen: 81.365 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB01-Z78-80

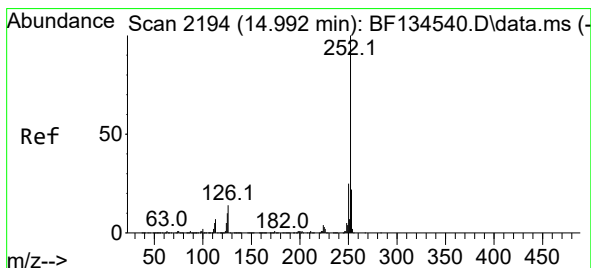
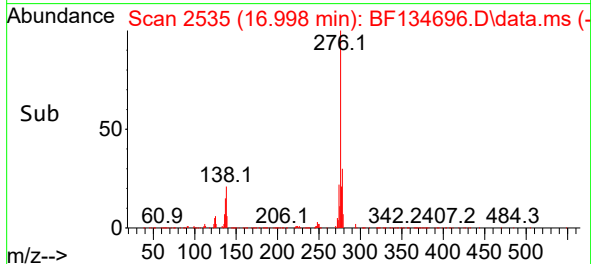
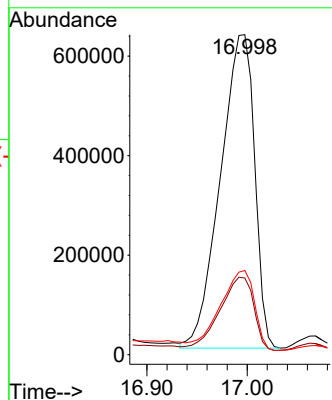
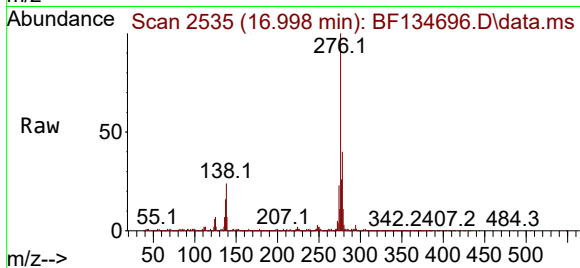
Tgt Ion:276 Resp: 1491882

Ion Ratio Lower Upper

276 100

138 23.4 14.2 21.4#

277 25.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 288.587 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.059 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

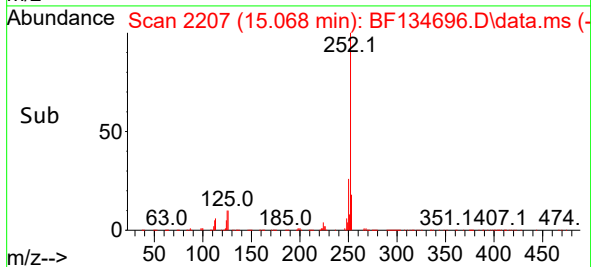
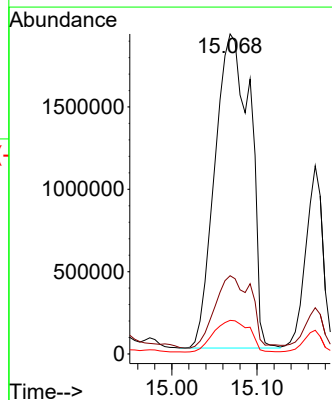
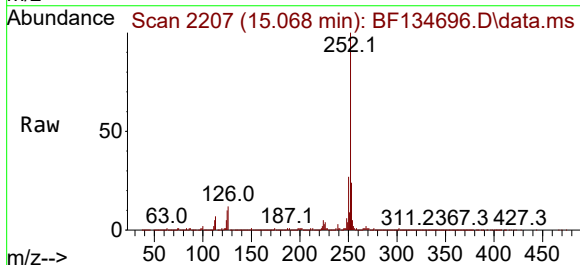
Tgt Ion:252 Resp: 5487248

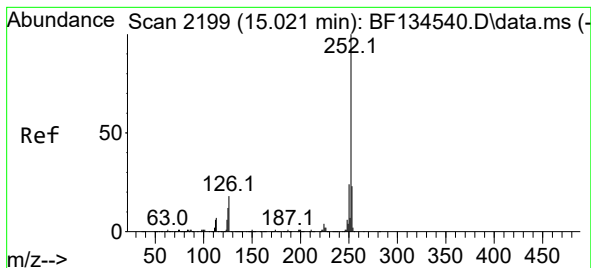
Ion Ratio Lower Upper

252 100

253 24.4 17.3 25.9

125 10.5 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 289.698 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB01-Z78-80

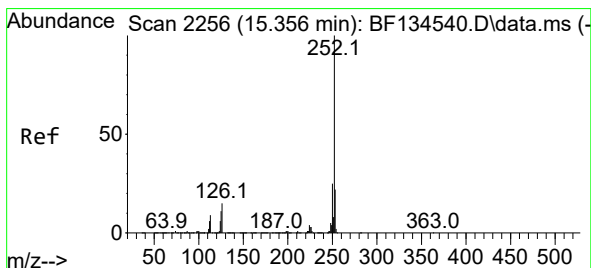
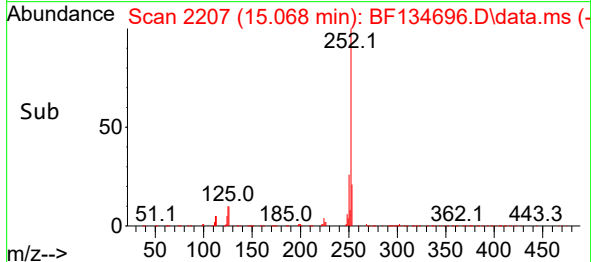
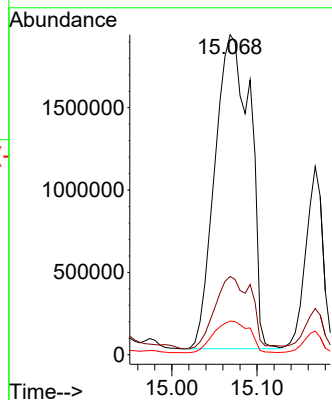
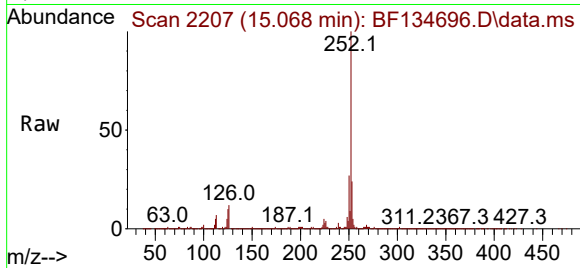
Tgt Ion:252 Resp: 5487248

Ion Ratio Lower Upper

252 100

253 24.4 17.9 26.9

125 10.5 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 246.447 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.071 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

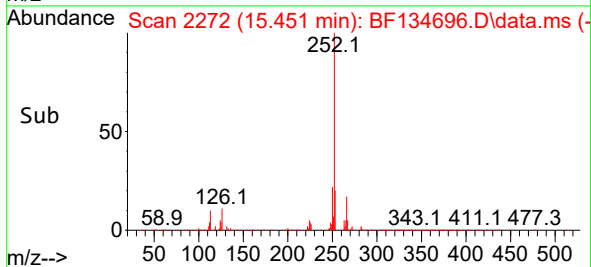
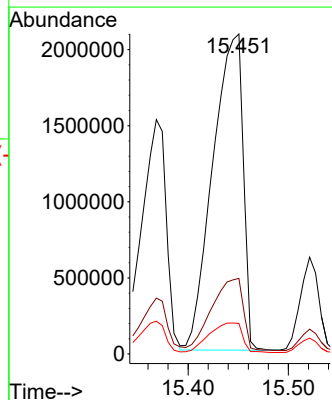
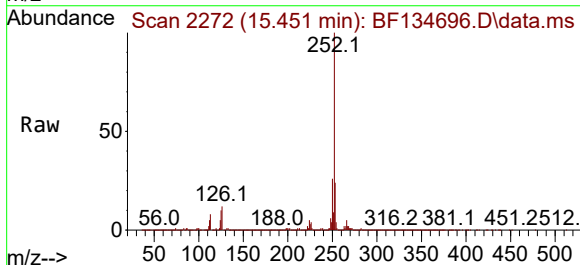
Tgt Ion:252 Resp: 4369122

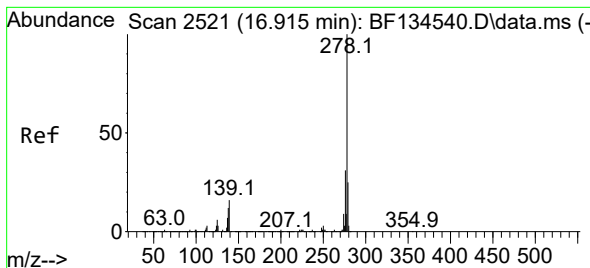
Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.4

125 9.6 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 32.142 ng

RT: 17.003 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB01-Z78-80

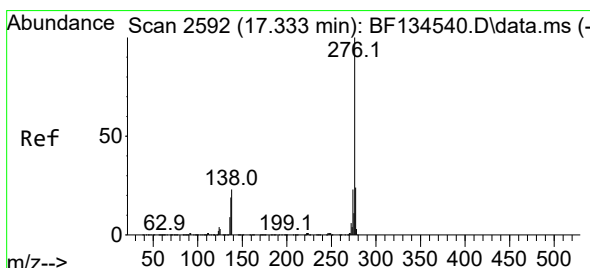
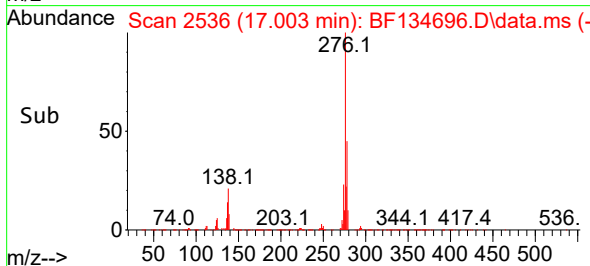
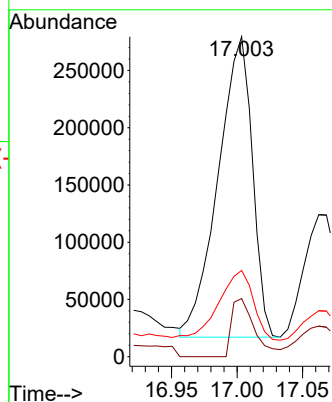
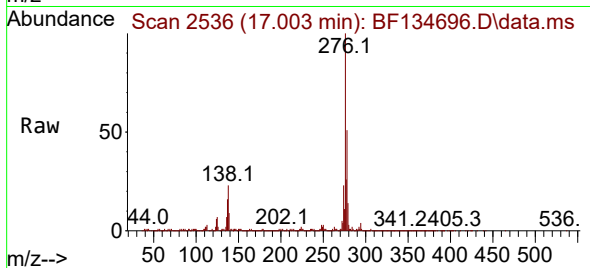
Tgt Ion:278 Resp: 476280

Ion Ratio Lower Upper

278 100

139 18.2 10.0 15.0#

279 26.9 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 108.647 ng

RT: 17.456 min Scan# 2613

Delta R.T. 0.082 min

Lab File: BF134696.D

Acq: 09 Aug 2023 18:29

Tgt Ion:276 Resp: 1642240

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 23.1 12.2 18.2#

