

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134788.D
 Acq On : 15 Aug 2023 17:12
 Operator : CG\JU
 Sample : 03994-02 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB06-Z36-37

Quant Time: Aug 16 03:12:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	175365	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	303494	20.000	ng	# 0.01
39) Acenaphthene-d10	9.845	164	283055	20.000	ng	0.01
64) Phenanthrene-d10	11.333	188	423329	20.000	ng	# 0.01
76) Chrysene-d12	13.986	240	321081	20.000	ng	# 0.01
86) Perylene-d12	15.451	264	298758	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	77372	6.707	ng	-0.01
7) Phenol-d6	6.428	99	98726	6.695	ng	-0.01
23) Nitrobenzene-d5	7.357	82	59722	12.297	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	17494	6.063	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	120006	7.049	ng	0.00
79) Terphenyl-d14	12.921	244	105073	5.769	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.357	77	59197	5.509	ng	# 1
18) Hexachloroethane	7.334	117	155213	36.648	ng	# 1
22) Acetophenone	7.192	105	73957	10.556	ng	# 48
24) Nitrobenzene	7.416	77	17771	3.387	ng	# 19
26) 2-Nitrophenol	7.704	139	3884	6.358	ng	# 1
28) bis(2-Chloroethoxy)met...	7.828	93	16930	2.672	ng	# 32
31) Naphthalene	8.169	128	18140942	1189.333	ng	# 92
32) Benzoic acid	7.869	122	4333	9.042	ng	# 1
33) 4-Chloroaniline	8.169	127	2773081	408.027	ng	# 34
35) Caprolactam	8.551	113	4829	3.489	ng	# 1
37) 2-Methylnaphthalene	8.839	142	6551897	648.042	ng	99
38) 1-Methylnaphthalene	8.933	142	4377388	465.606	ng	96
46) 1,1'-Biphenyl	9.269	154	1929325	87.652	ng	98
48) 2-Nitroaniline	9.369	65	45885	11.501	ng	# 34
49) Acenaphthylene	9.704	152	702593	27.101	ng	# 83
51) 2,6-Dinitrotoluene	9.539	165	31959	10.160	ng	# 1
52) Acenaphthene	9.898	154	3338558	198.715	ng	98
54) 2,4-Dinitrophenol	9.922	184	1002	7.632	ng	# 1
55) Dibenzofuran	10.051	168	449178	18.781	ng	# 90
56) 4-Nitrophenol	9.951	139	94967	27.003	ng	# 16
57) 2,4-Dinitrotoluene	10.051	165	40513	10.832	ng	# 59
58) Fluorene	10.404	166	2212049	126.979	ng	93
65) 4,6-Dinitro-2-methylph...	10.457	198	836	9.099	ng	# 1
66) n-Nitrosodiphenylamine	10.504	169	133810	9.931	ng	# 1
71) Phenanthrene	11.386	178	6249585	277.938	ng	98
72) Anthracene	11.421	178	2562221	111.557	ng	97
73) Carbazole	11.563	167	112933	5.507	ng	# 87
75) Fluoranthene	12.563	202	3122255	131.454	ng	97
78) Pyrene	12.798	202	4453114	160.278	ng	94
81) Benzo(a)anthracene	14.015	228	1796570	78.252	ng	94
83) Chrysene	14.015	228	1796570	80.319	ng	97
87) Indeno(1,2,3-cd)pyrene	16.945	276	500215	28.469	ng	# 96
88) Benzo(b)fluoranthene	15.027	252	1824568	100.136	ng	# 95
89) Benzo(k)fluoranthene	15.027	252	1824568	100.521	ng	# 97
90) Benzo(a)pyrene	15.398	252	1533711	90.277	ng	# 95
91) Dibenzo(a,h)anthracene	16.956	278	136089	9.584	ng	# 94

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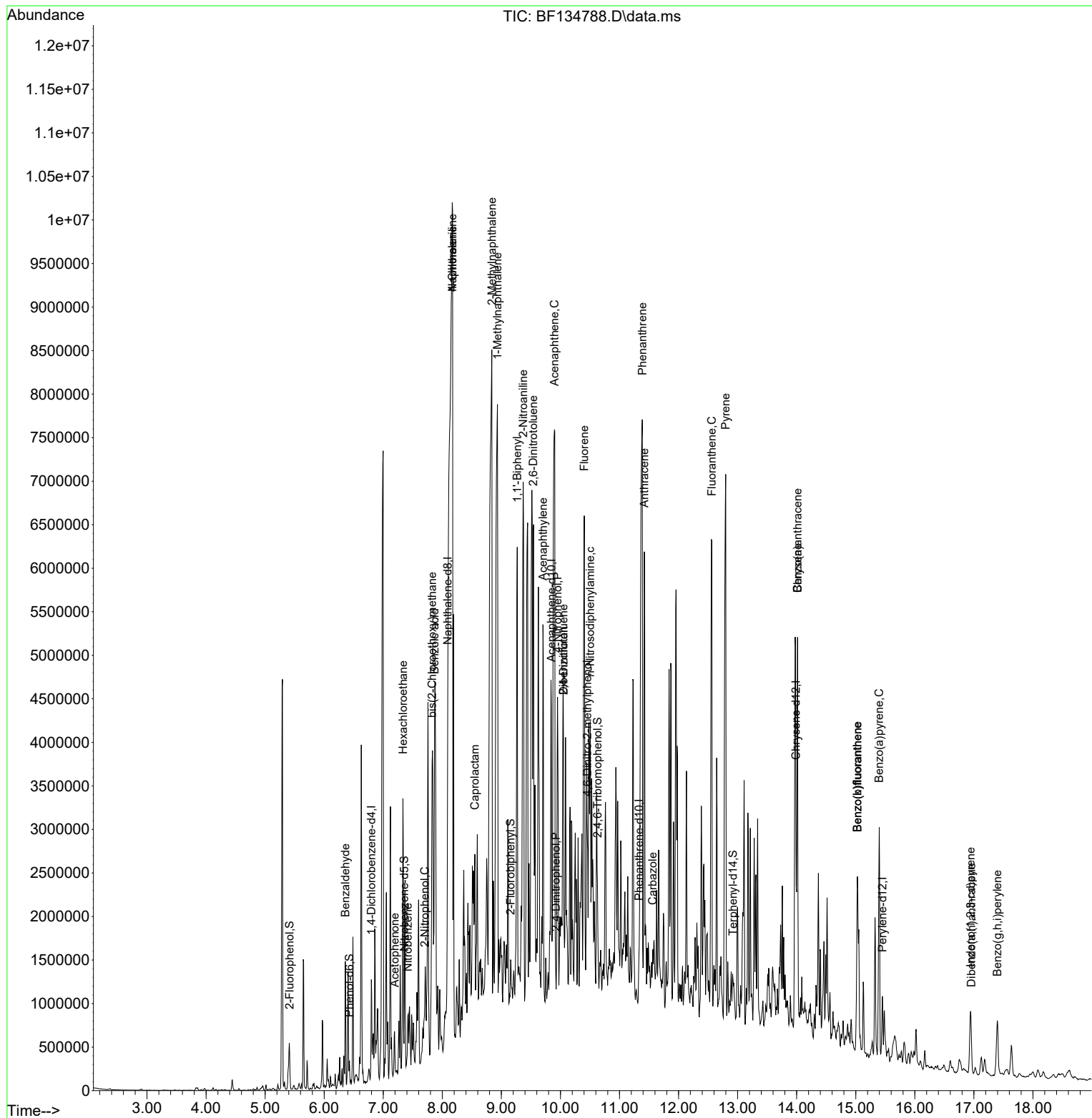
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Benzo(g,h,i)perylene	17.398	276	544082	37.562	ng	# 93

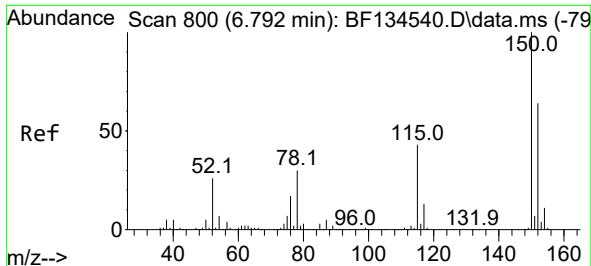
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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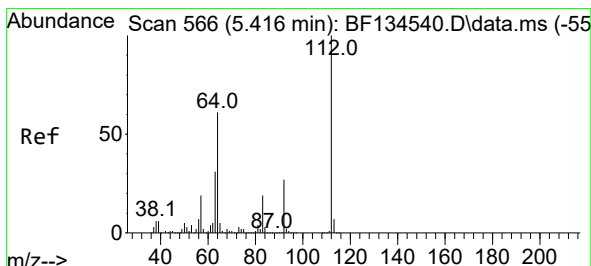
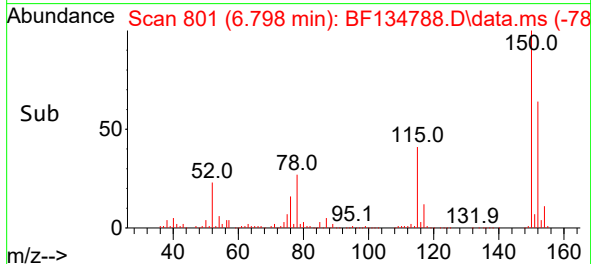
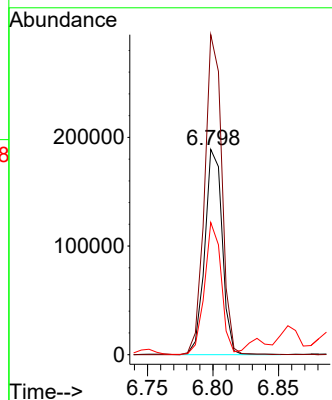
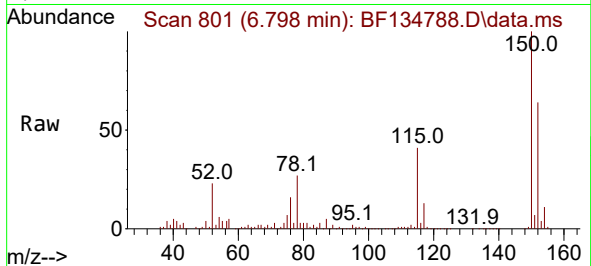




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

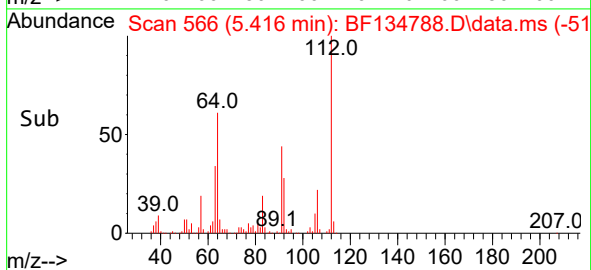
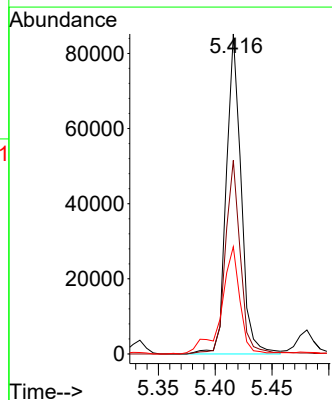
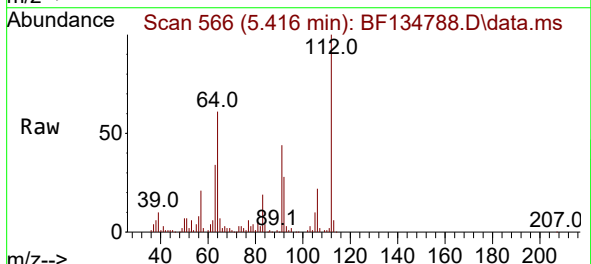
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z36-37

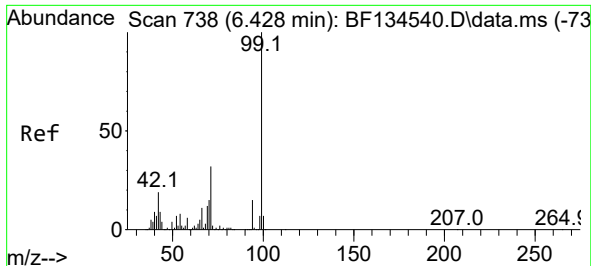
Tgt Ion:152 Resp: 175365
Ion Ratio Lower Upper
152 100
150 155.9 128.3 192.5
115 64.4 52.4 78.6



#5
2-Fluorophenol
Concen: 6.707 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

Tgt Ion:112 Resp: 77372
Ion Ratio Lower Upper
112 100
64 60.5 44.9 67.3
63 33.5 25.4 38.0

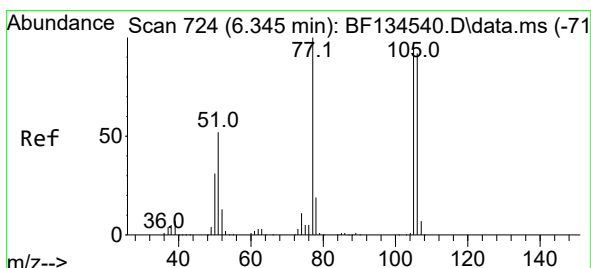
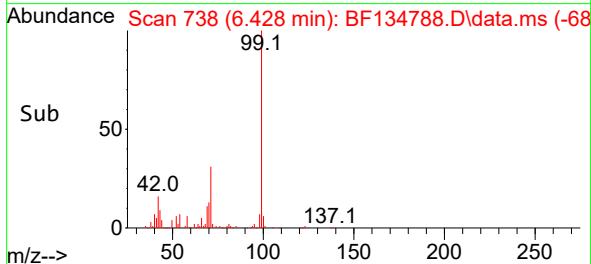
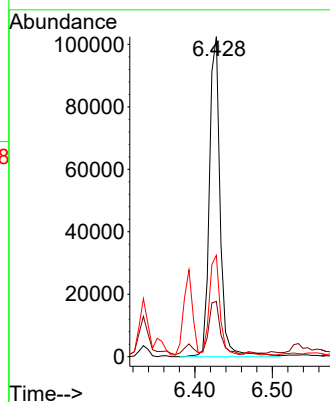
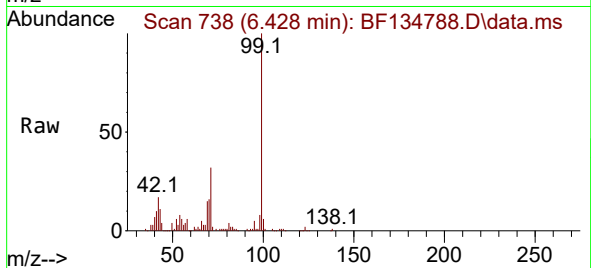




#7
Phenol-d6
Concen: 6.695 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

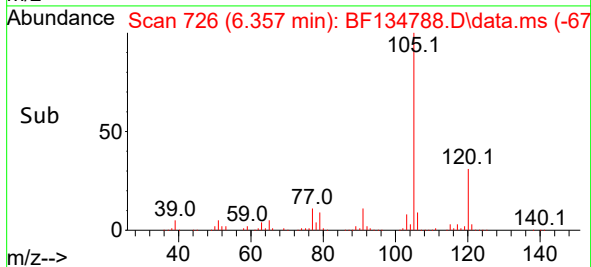
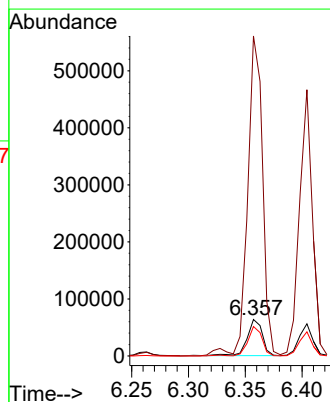
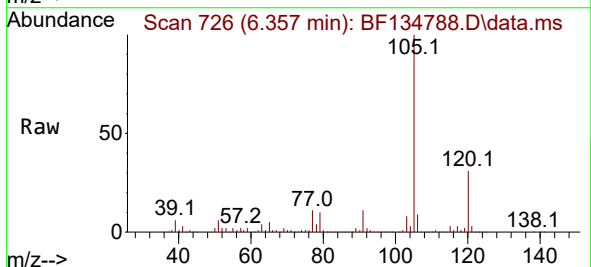
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z36-37

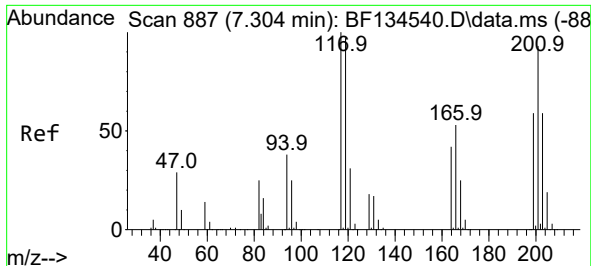
Tgt Ion: 99 Resp: 98726
Ion Ratio Lower Upper
99 100
42 17.2 18.7 28.1#
71 31.7 36.4 54.6#



#9
Benzaldehyde
Concen: 5.509 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.000 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

Tgt Ion: 77 Resp: 59197
Ion Ratio Lower Upper
77 100
105 877.7 77.1 117.1#
106 80.7 71.4 111.4





#18

Hexachloroethane

Concen: 36.648 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.024 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z36-37

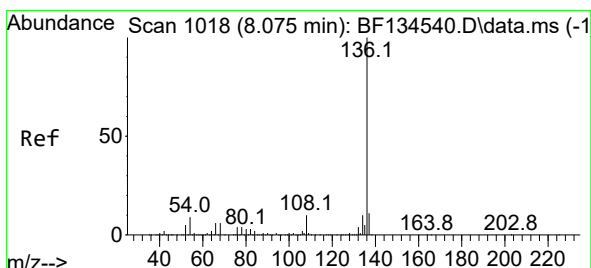
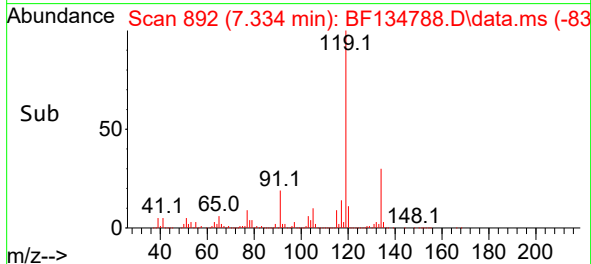
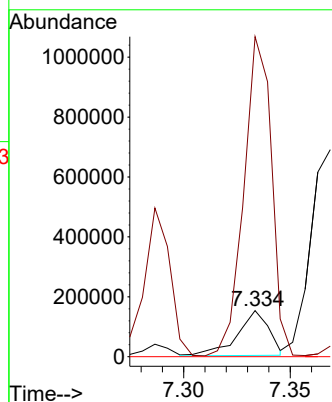
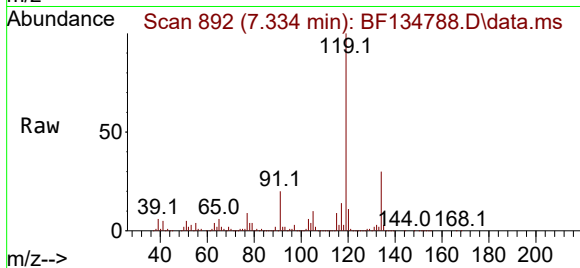
Tgt Ion:117 Resp: 155213

Ion Ratio Lower Upper

117 100

119 693.4 75.8 113.8#

201 0.0 73.6 110.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.012 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

Tgt Ion:136 Resp: 303494

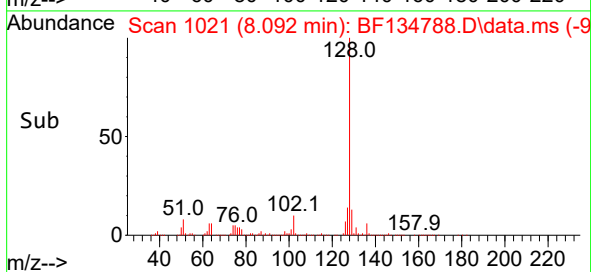
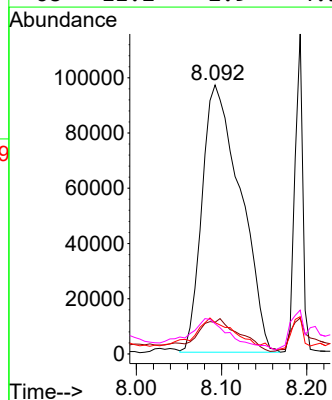
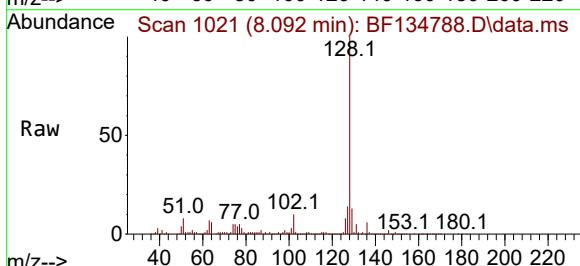
Ion Ratio Lower Upper

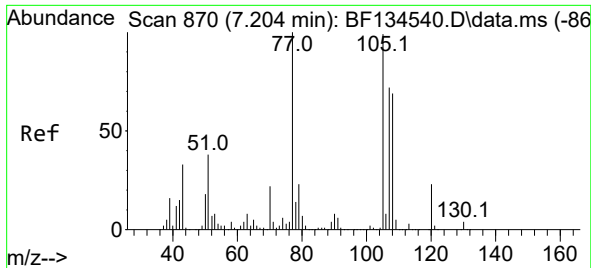
136 100

137 11.8 8.4 12.6

54 11.6 5.2 7.8#

68 11.2 2.9 4.3#

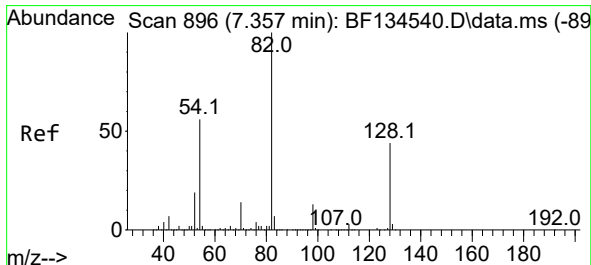
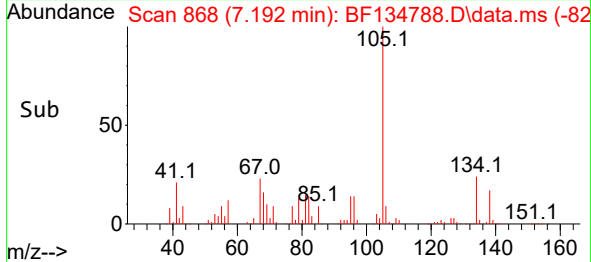
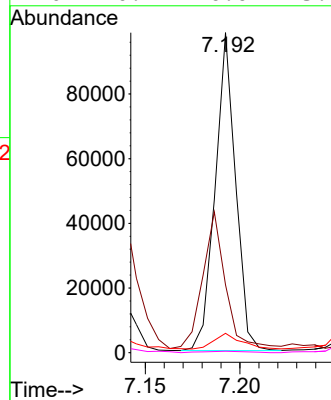
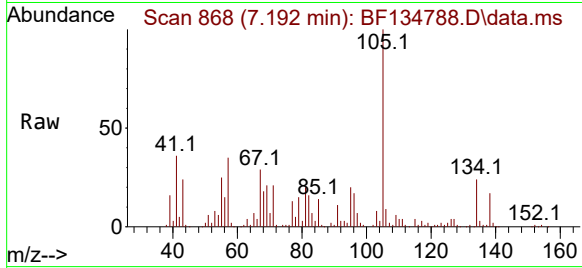




#22
Acetophenone
Concen: 10.556 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.024 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

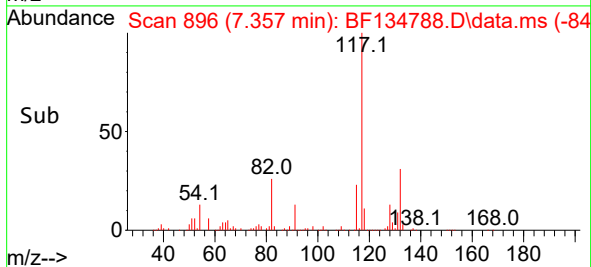
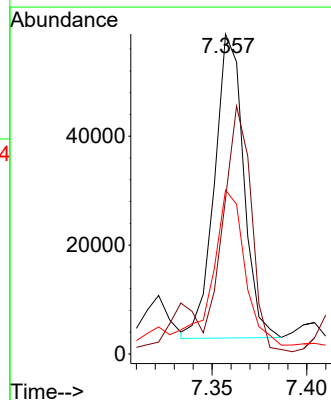
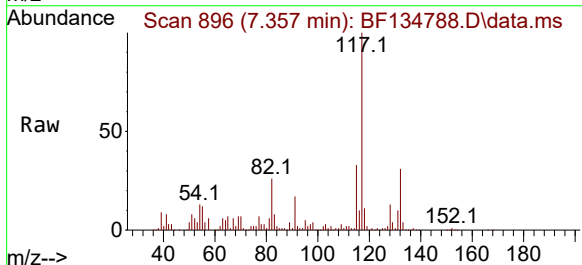
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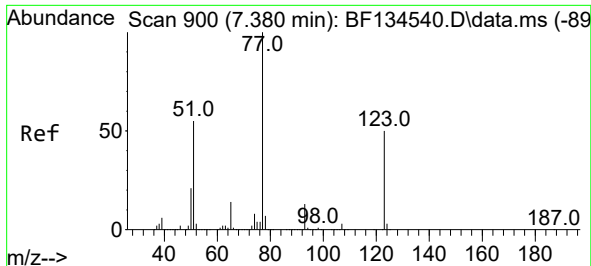
Tgt Ion:105 Resp: 73957
Ion Ratio Lower Upper
105 100
71 21.2 7.4 11.0#
51 6.0 36.4 54.6#
120 0.4 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 12.297 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

Tgt Ion: 82 Resp: 59722
Ion Ratio Lower Upper
82 100
128 48.5 34.3 51.5
54 51.2 43.8 65.6





#24

Nitrobenzene

Concen: 3.387 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.029 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z36-37

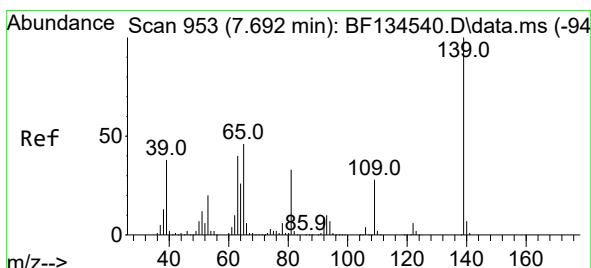
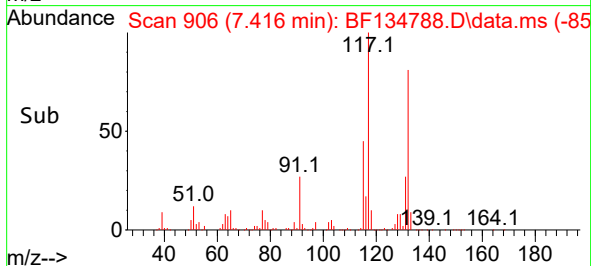
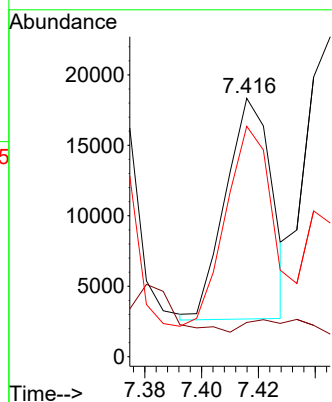
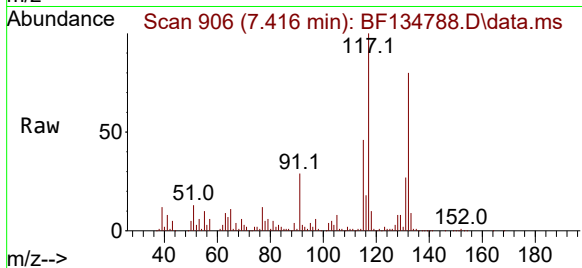
Tgt Ion: 77 Resp: 17771

Ion Ratio Lower Upper

77 100

123 13.3 35.5 53.3#

65 89.2 11.9 17.9#



#26

2-Nitrophenol

Concen: 6.358 ng

RT: 7.704 min Scan# 955

Delta R.T. 0.006 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

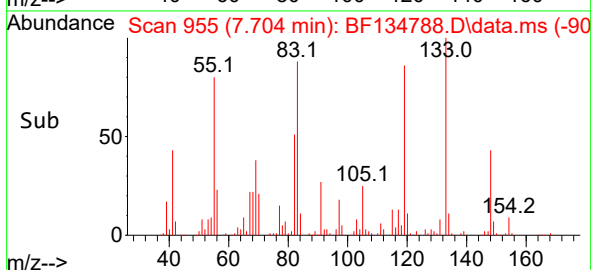
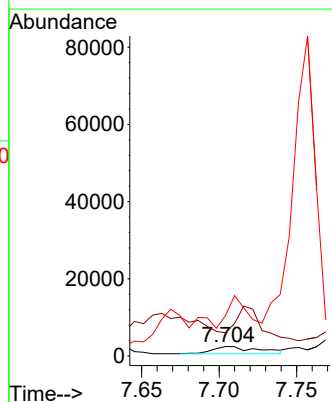
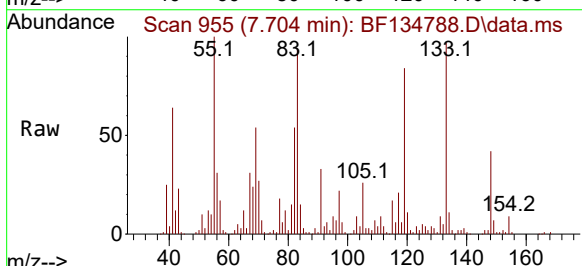
Tgt Ion: 139 Resp: 3884

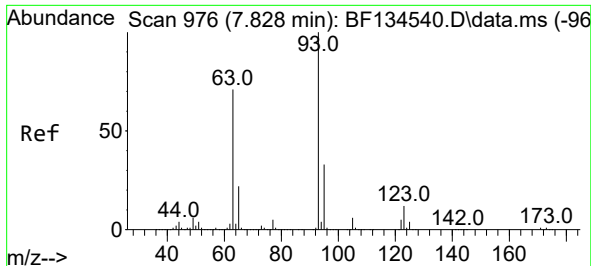
Ion Ratio Lower Upper

139 100

109 246.8 29.8 44.6#

65 430.8 45.4 68.2#

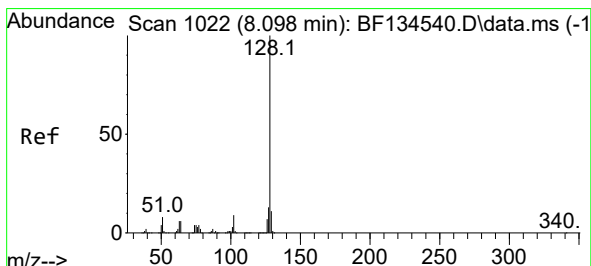
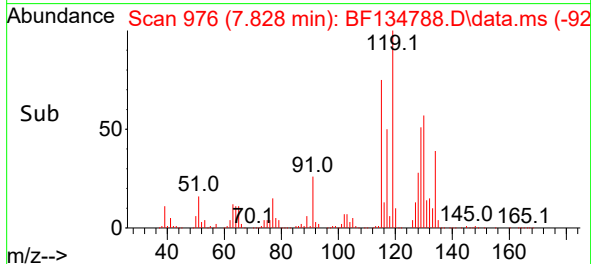
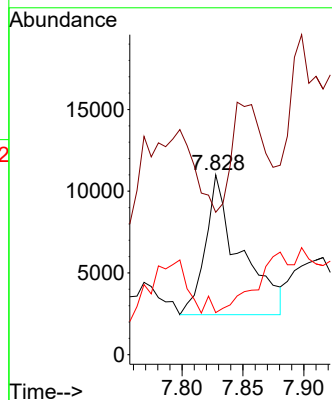
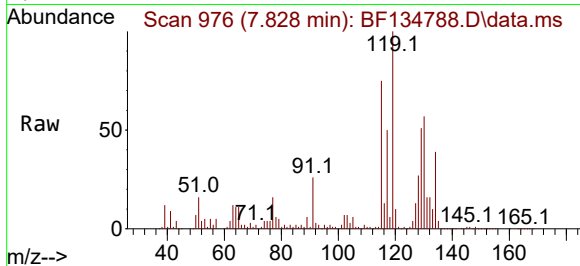




#28
bis(2-Chloroethoxy)methane
Concen: 2.672 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

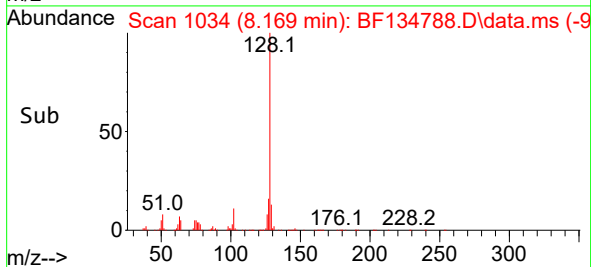
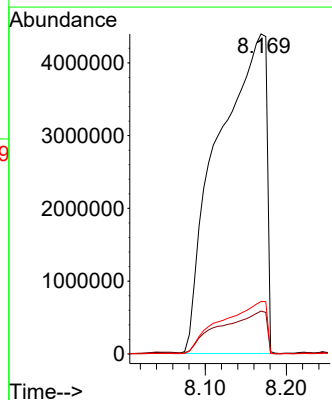
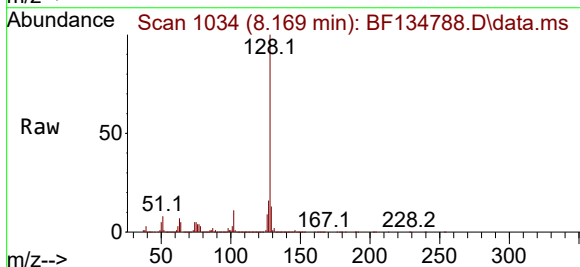
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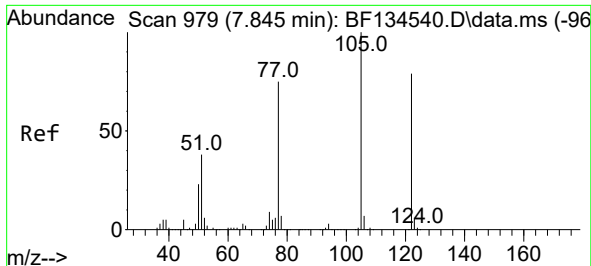
Tgt Ion: 93 Resp: 16930
Ion Ratio Lower Upper
93 100
95 79.2 26.5 39.7#
123 23.4 9.6 14.4#



#31
Naphthalene
Concen: 1189.333 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.065 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

Tgt Ion: 128 Resp: 18140942
Ion Ratio Lower Upper
128 100
129 13.4 8.4 12.6#
127 16.4 10.7 16.1#

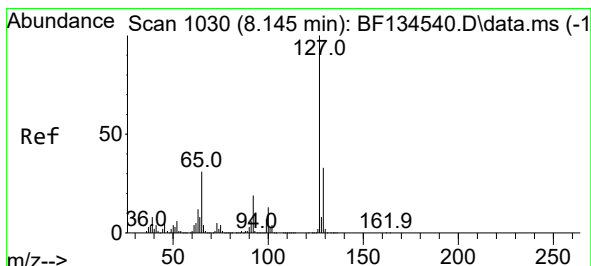
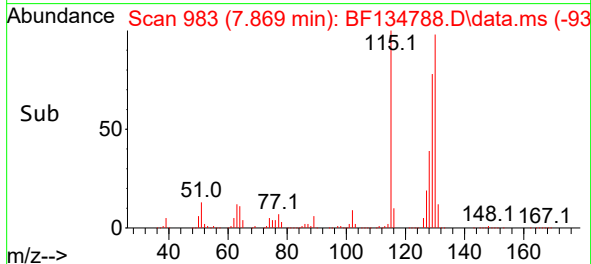
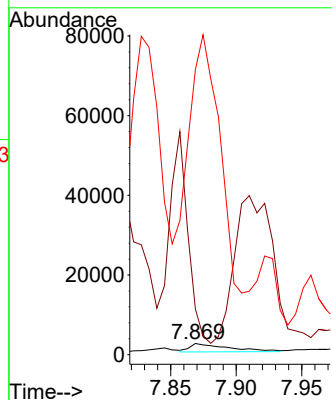
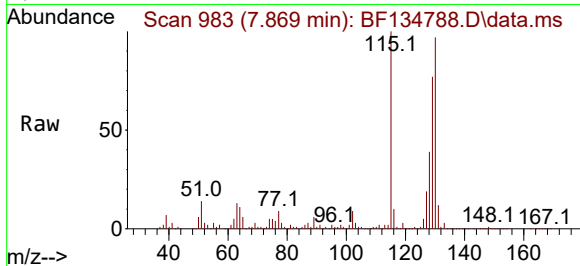




#32
Benzoic acid
Concen: 9.042 ng
RT: 7.869 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

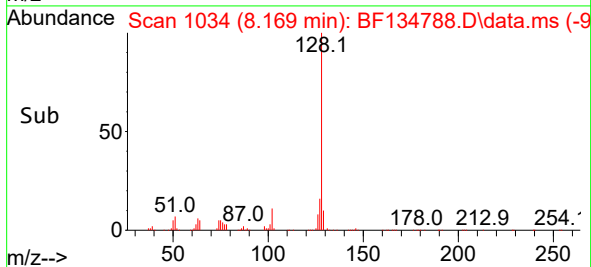
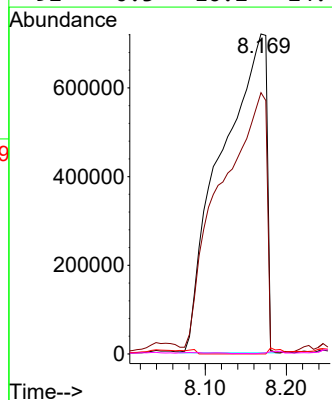
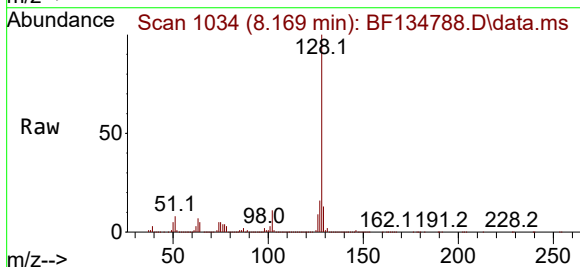
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z36-37

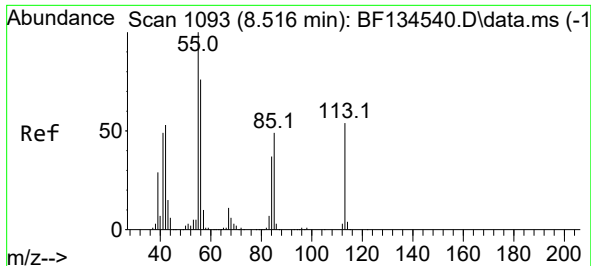
Tgt Ion:122 Resp: 4333
Ion Ratio Lower Upper
122 100
105 407.4 87.5 127.5#
77 2542.7 71.4 111.4#



#33
4-Chloroaniline
Concen: 408.027 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.018 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

Tgt Ion:127 Resp: 2773081
Ion Ratio Lower Upper
127 100
129 81.7 25.6 38.4#
65 0.0 25.4 38.0#
92 0.3 16.2 24.4#

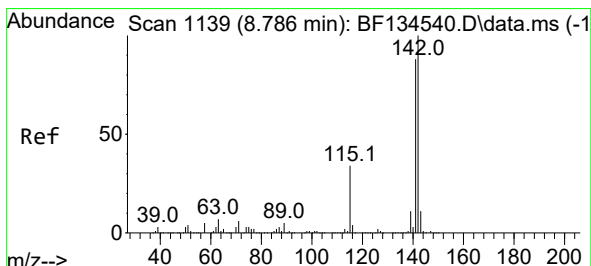
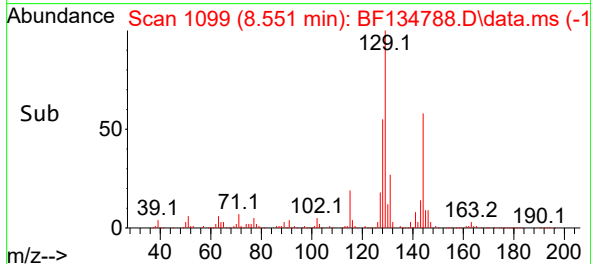
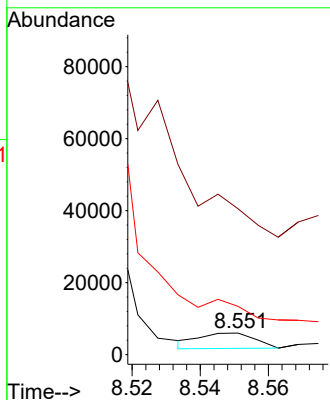
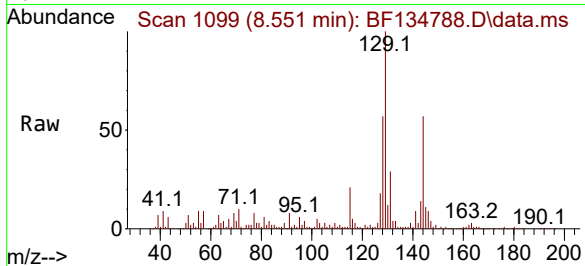




#35
 Caprolactam
 Concen: 3.489 ng
 RT: 8.551 min Scan# 1109
 Delta R.T. 0.018 min
 Lab File: BF134788.D
 Acq: 15 Aug 2023 17:12

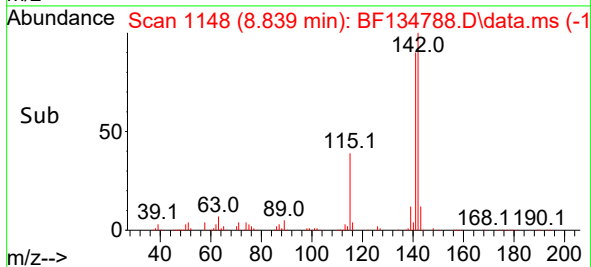
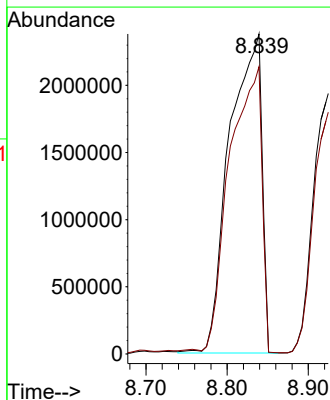
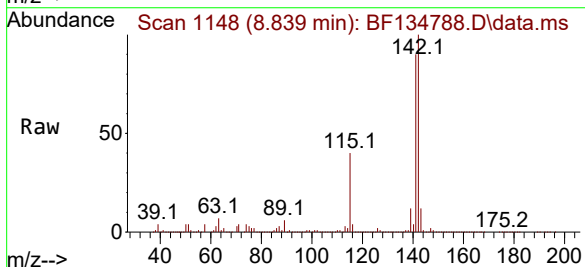
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB06-Z36-37

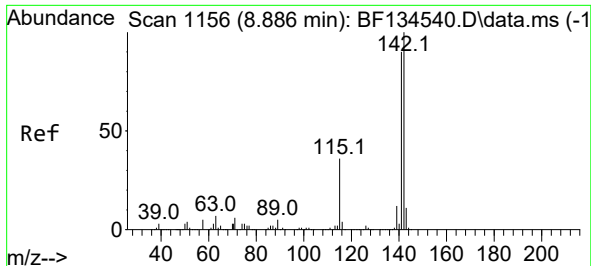
Tgt Ion:113 Resp: 4829
 Ion Ratio Lower Upper
 113 100
 55 676.6 161.5 201.5#
 56 224.2 117.8 157.8#



#37
 2-Methylnaphthalene
 Concen: 648.042 ng
 RT: 8.839 min Scan# 1148
 Delta R.T. 0.047 min
 Lab File: BF134788.D
 Acq: 15 Aug 2023 17:12

Tgt Ion:142 Resp: 6551897
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2





#38

1-Methylnaphthalene

Concen: 465.606 ng

RT: 8.933 min Scan# 1164

Delta R.T. 0.041 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

Instrument :

BNA_F

ClientSampleId :

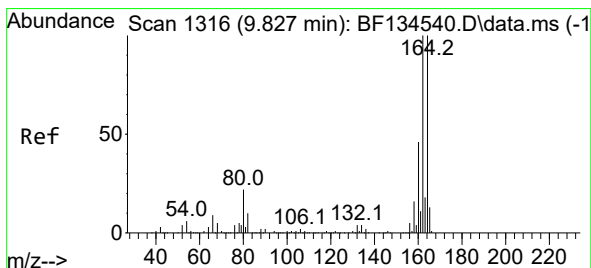
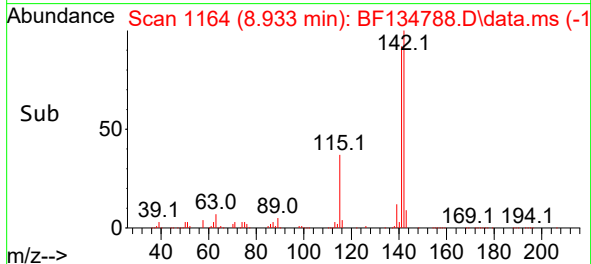
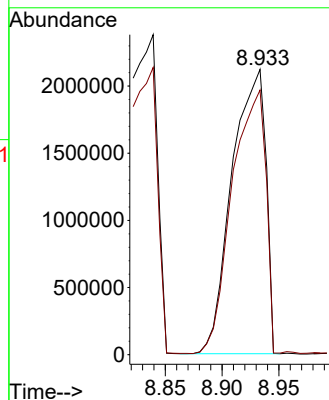
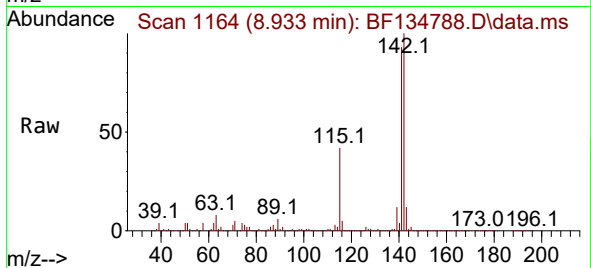
NEVINS-SB06-Z36-37

Tgt Ion:142 Resp: 4377388

Ion Ratio Lower Upper

142 100

141 92.8 71.4 107.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

Delta R.T. 0.012 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

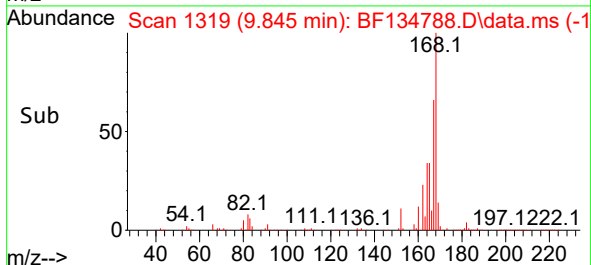
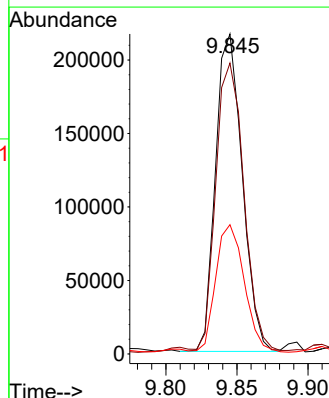
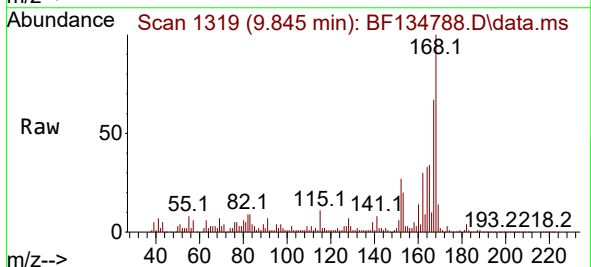
Tgt Ion:164 Resp: 283055

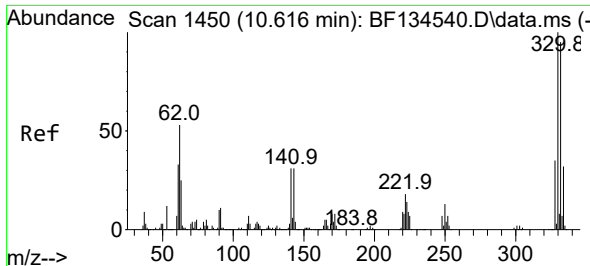
Ion Ratio Lower Upper

164 100

162 90.9 82.6 123.8

160 40.4 37.2 55.8

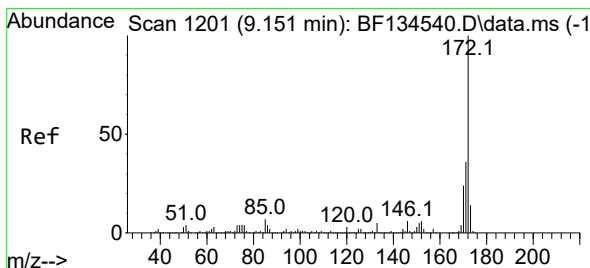
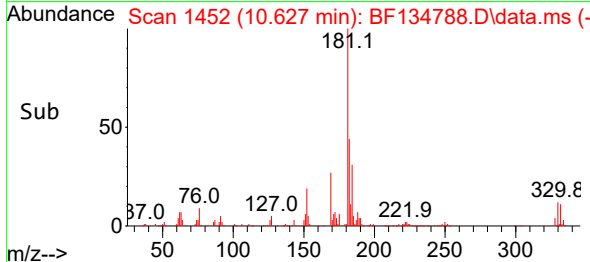
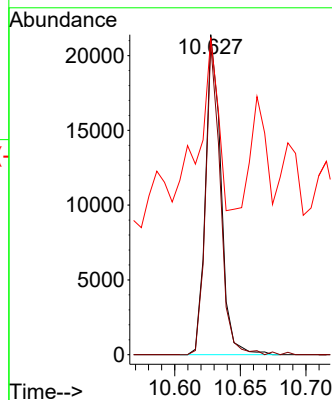
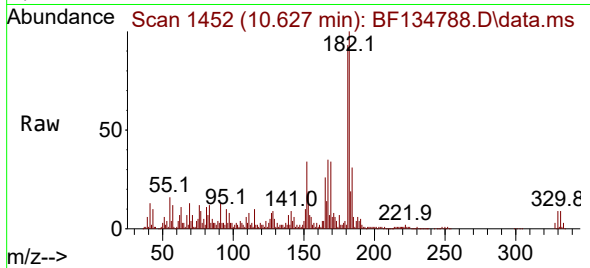




#42
2,4,6-Tribromophenol
Concen: 6.063 ng
RT: 10.627 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

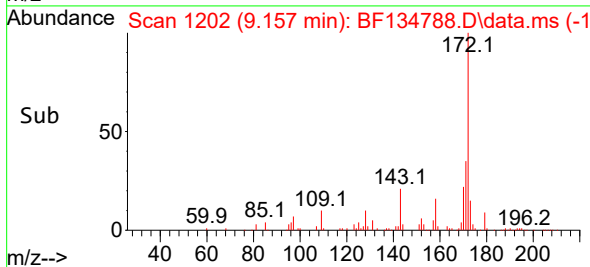
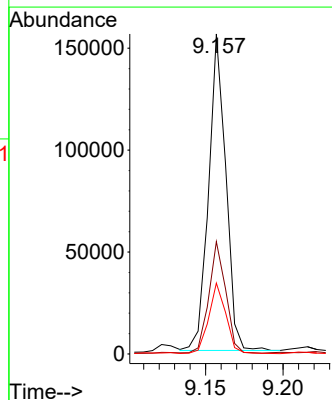
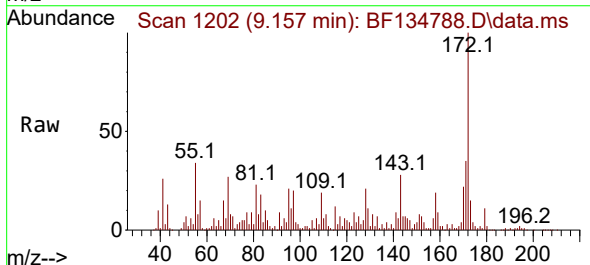
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z36-37

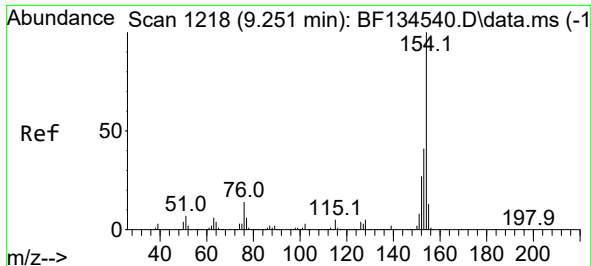
Tgt Ion:330 Resp: 17494
Ion Ratio Lower Upper
330 100
332 93.6 78.8 118.2
141 64.2 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 7.049 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

Tgt Ion:172 Resp: 120006
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 22.1 18.7 28.1





#46

1,1'-Biphenyl

Concen: 87.652 ng

RT: 9.269 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z36-37

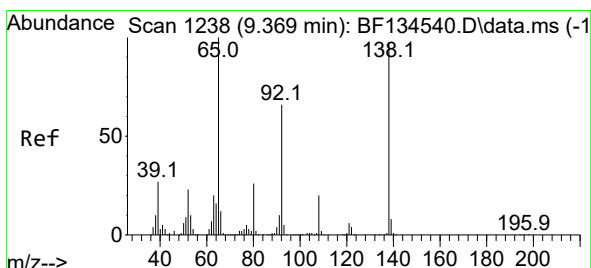
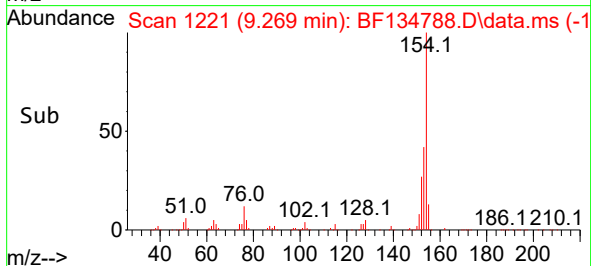
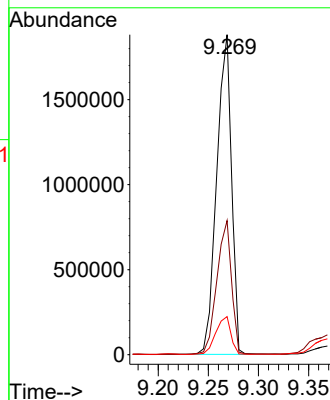
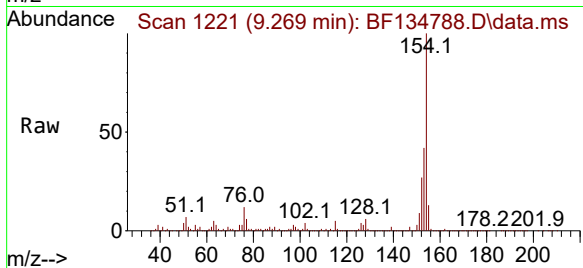
Tgt Ion:154 Resp: 1929325

Ion Ratio Lower Upper

154 100

153 41.9 20.8 60.8

76 11.9 0.0 30.2



#48

2-Nitroaniline

Concen: 11.501 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.012 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

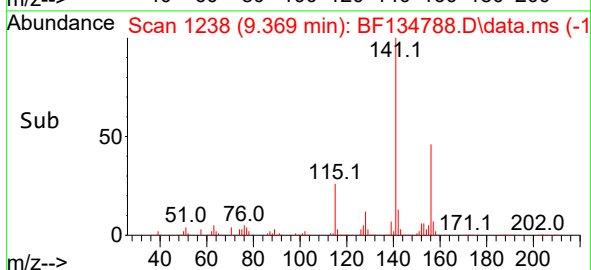
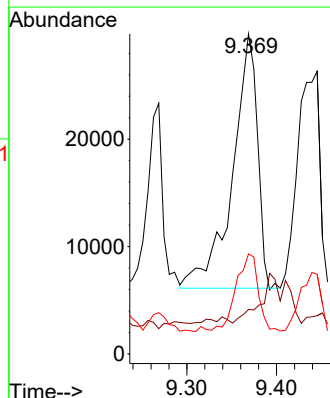
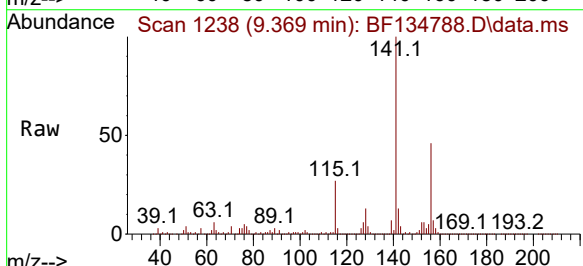
Tgt Ion: 65 Resp: 45885

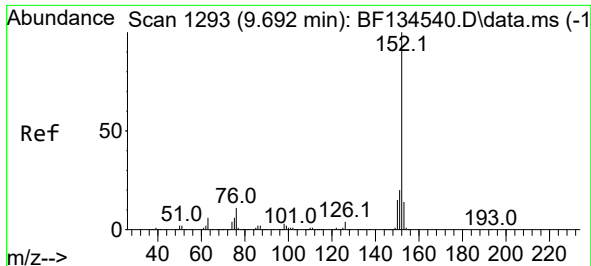
Ion Ratio Lower Upper

65 100

92 13.9 50.7 76.1#

138 31.3 78.2 117.4#

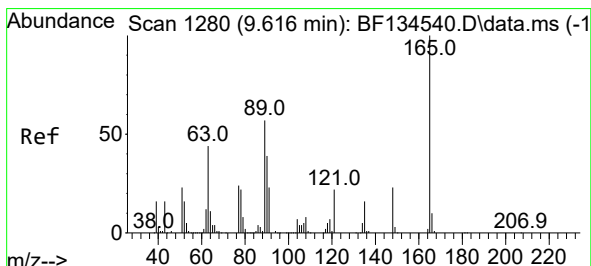
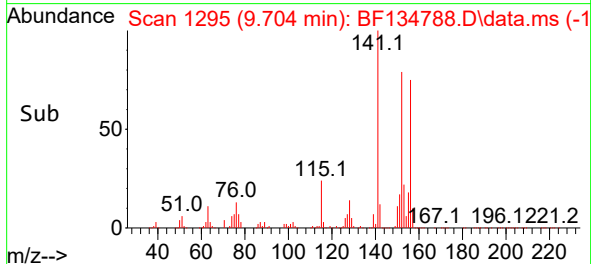
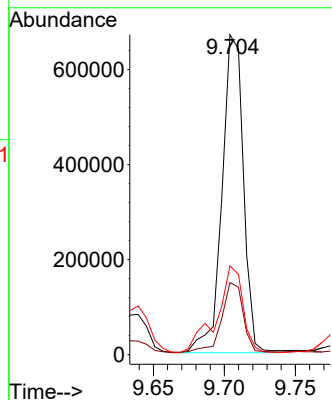
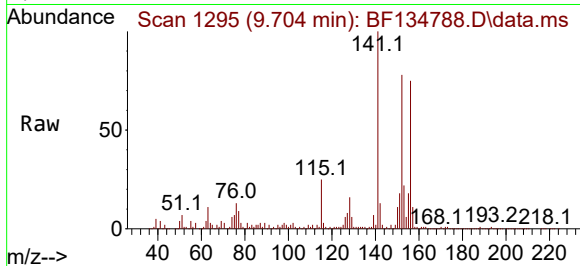




#49
Acenaphthylene
Concen: 27.101 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

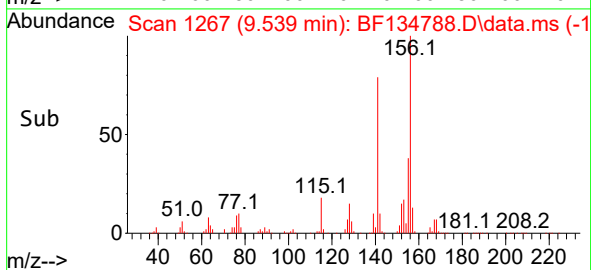
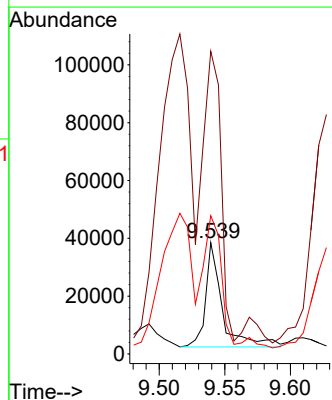
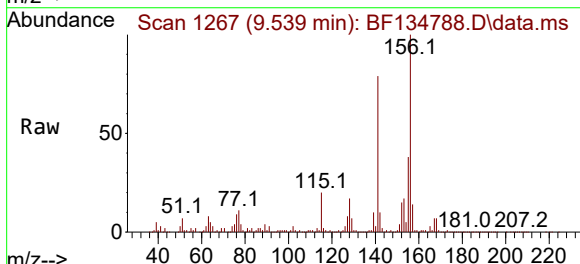
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z36-37

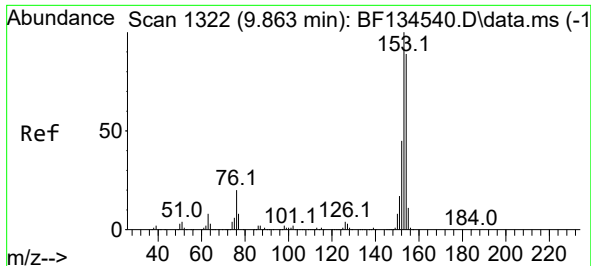
Tgt Ion:152 Resp: 702593
Ion Ratio Lower Upper
152 100
151 22.6 16.4 24.6
153 27.8 10.9 16.3#



#51
2,6-Dinitrotoluene
Concen: 10.160 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.088 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

Tgt Ion:165 Resp: 31959
Ion Ratio Lower Upper
165 100
63 272.0 57.8 86.6#
89 124.2 51.8 77.8#

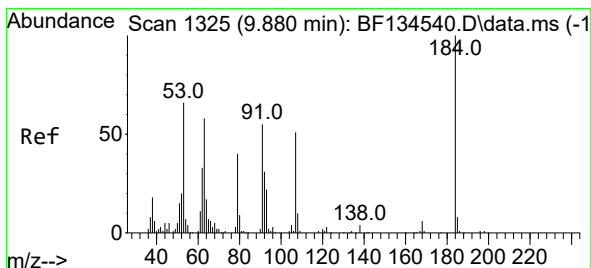
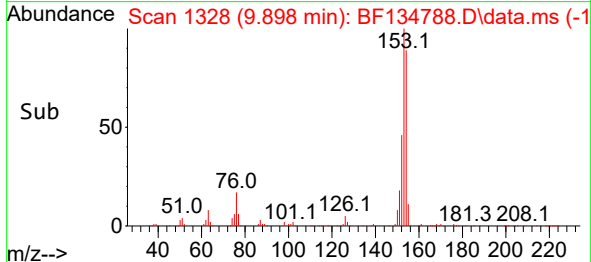
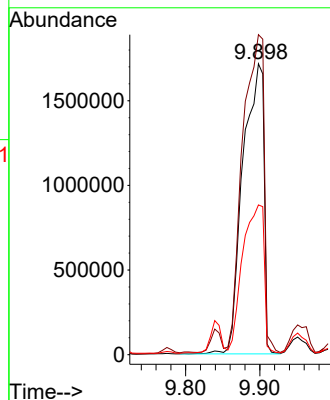
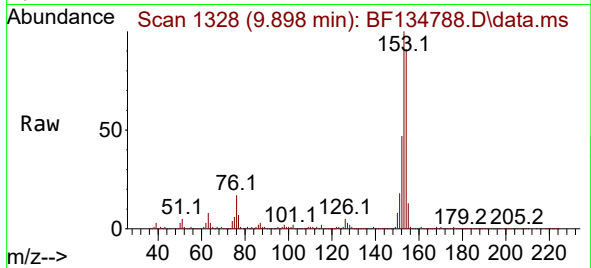




#52
Acenaphthene
Concen: 198.715 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.024 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

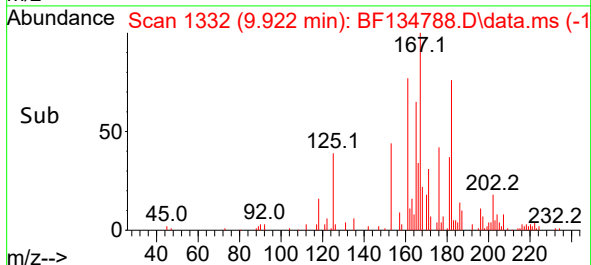
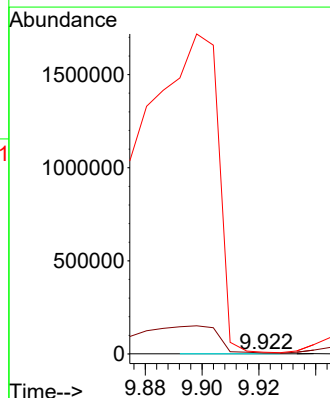
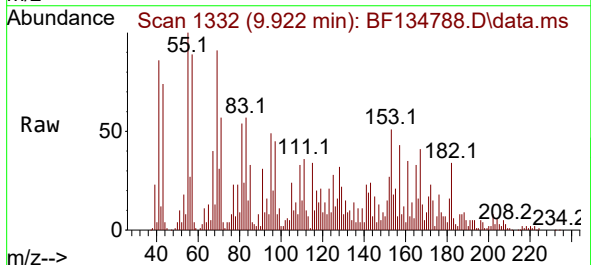
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z36-37

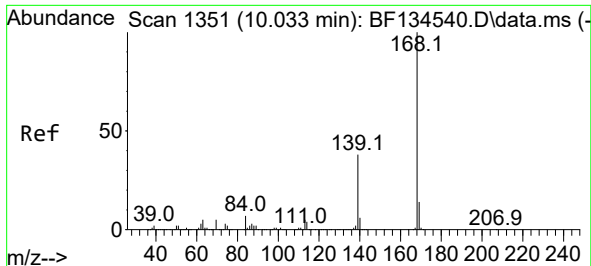
Tgt Ion:154 Resp: 3338558
Ion Ratio Lower Upper
154 100
153 110.0 90.0 135.0
152 51.5 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 7.632 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.024 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

Tgt Ion:184 Resp: 1002
Ion Ratio Lower Upper
184 100
63 423.8 57.1 85.7#
154 695.7 59.1 88.7#

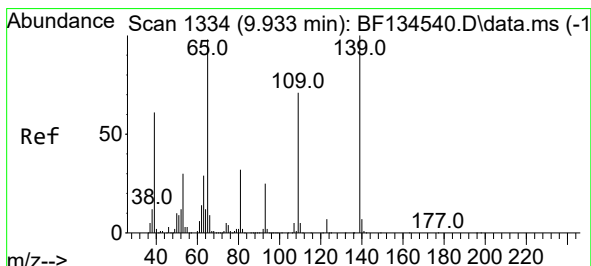
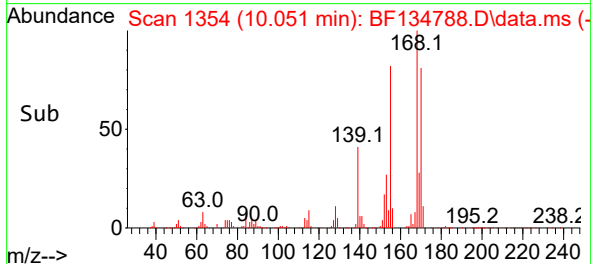
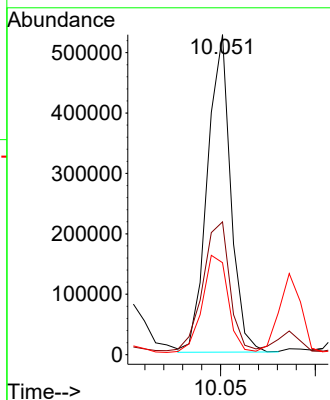
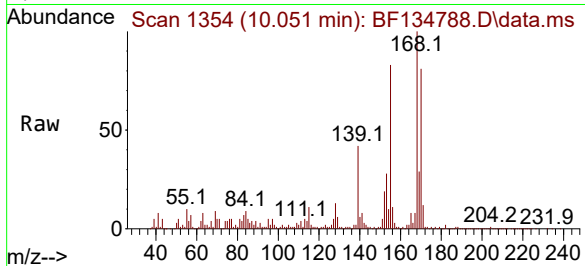




#55
Dibenzofuran
Concen: 18.781 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

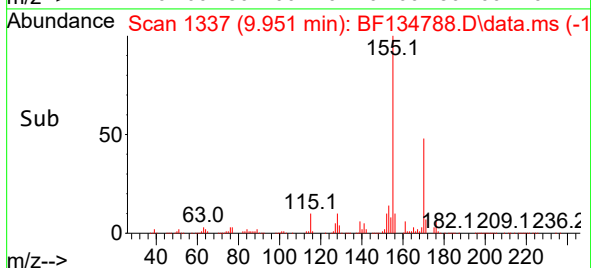
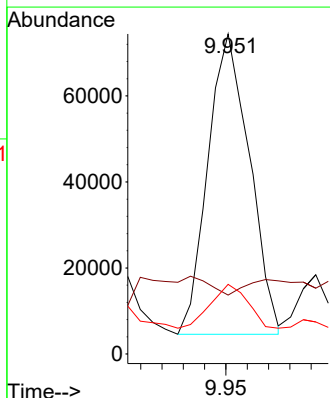
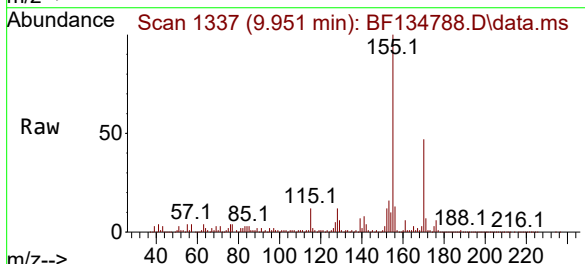
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z36-37

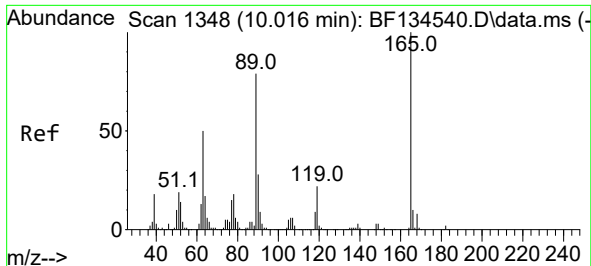
Tgt Ion:168 Resp: 449178
Ion Ratio Lower Upper
168 100
139 41.5 33.4 50.2
169 28.8 10.6 15.8#



#56
4-Nitrophenol
Concen: 27.003 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

Tgt Ion:139 Resp: 94967
Ion Ratio Lower Upper
139 100
109 18.4 76.9 116.9#
65 21.8 98.5 138.5#

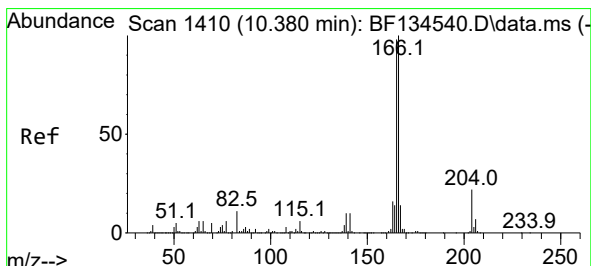
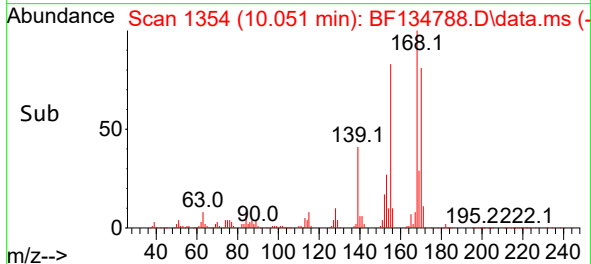
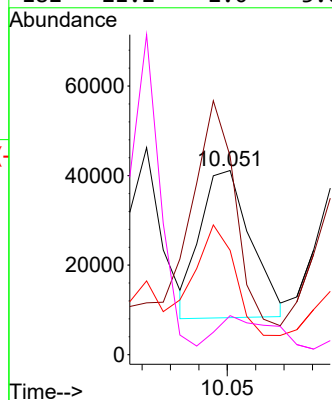
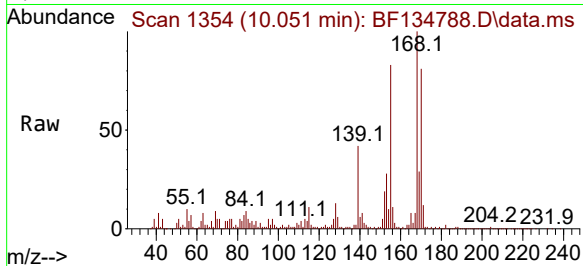




#57
2,4-Dinitrotoluene
Concen: 10.832 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

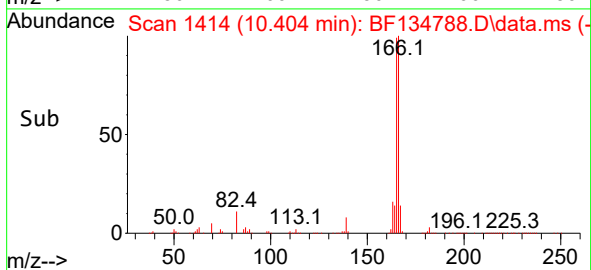
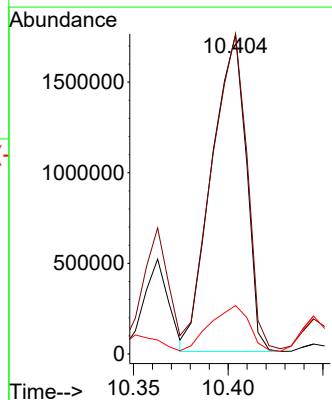
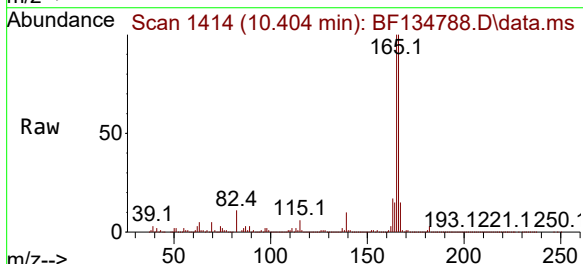
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z36-37

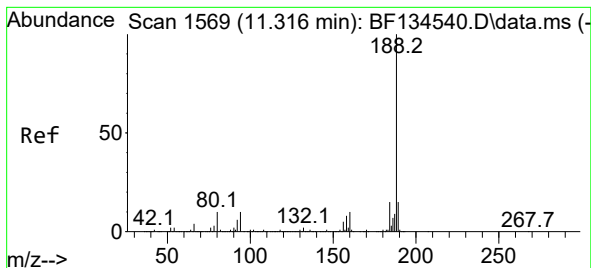
Tgt Ion:165 Resp: 40513
Ion Ratio Lower Upper
165 100
63 107.8 48.9 73.3#
89 56.6 61.7 92.5#
182 21.2 2.0 3.0#



#58
Fluorene
Concen: 126.979 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.018 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

Tgt Ion:166 Resp: 2212049
Ion Ratio Lower Upper
166 100
165 100.3 74.5 111.7
167 15.2 10.6 16.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z36-37

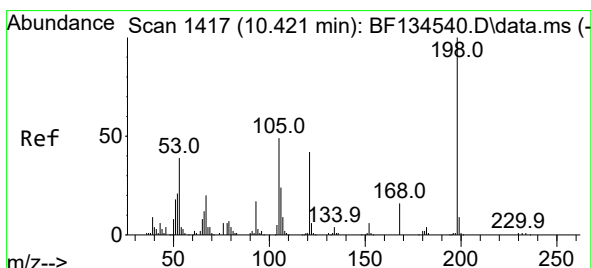
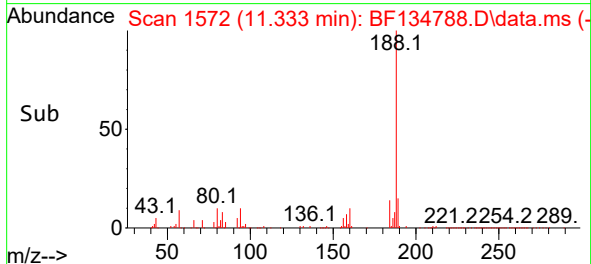
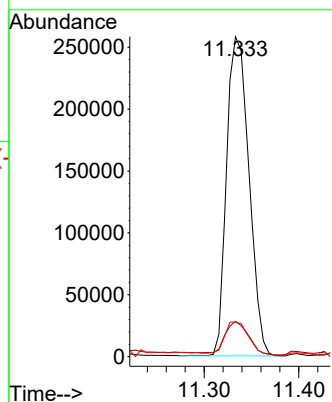
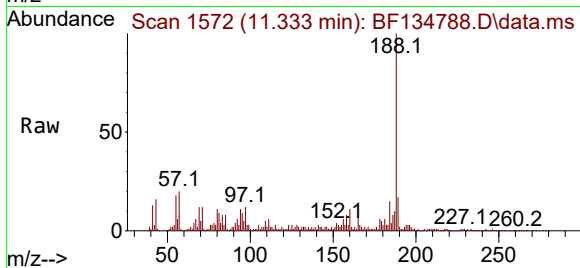
Tgt Ion:188 Resp: 423329

Ion Ratio Lower Upper

188 100

94 11.0 5.1 7.7#

80 10.9 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 9.099 ng

RT: 10.457 min Scan# 1423

Delta R.T. 0.018 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

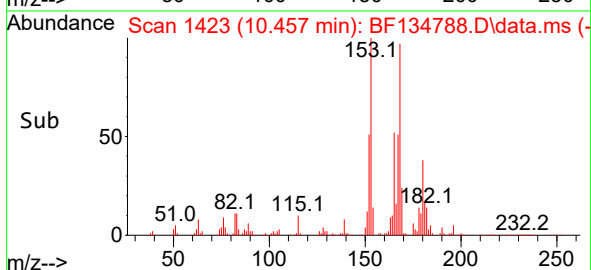
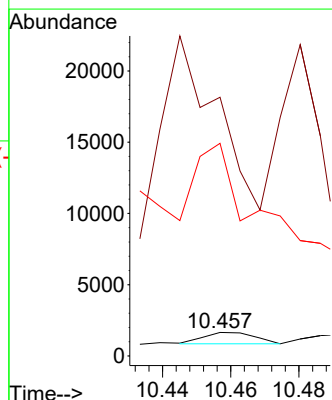
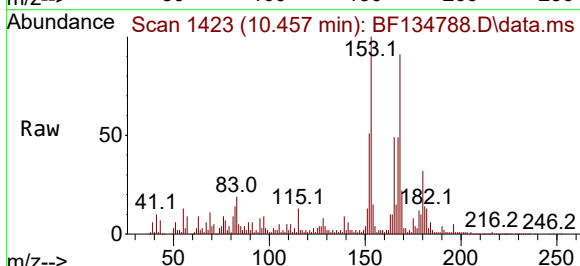
Tgt Ion:198 Resp: 836

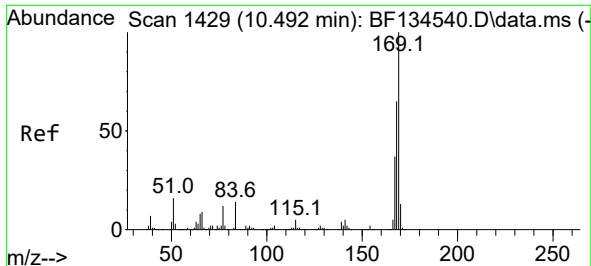
Ion Ratio Lower Upper

198 100

51 1103.5 38.6 78.6#

105 907.2 27.9 67.9#

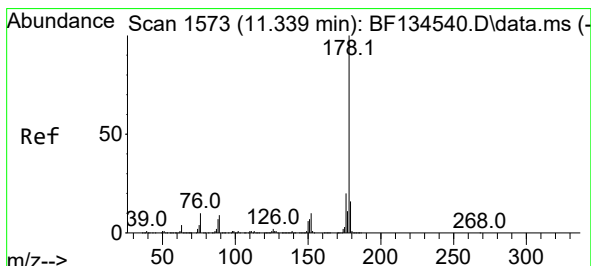
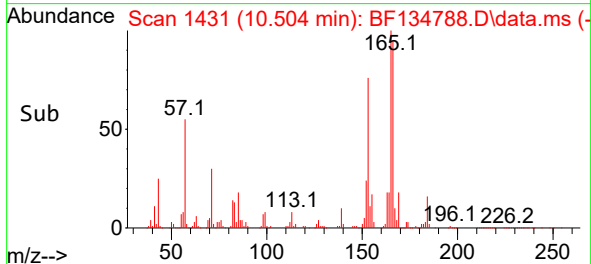
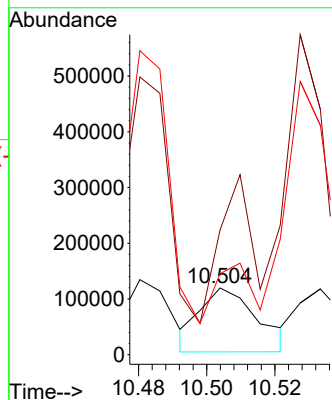
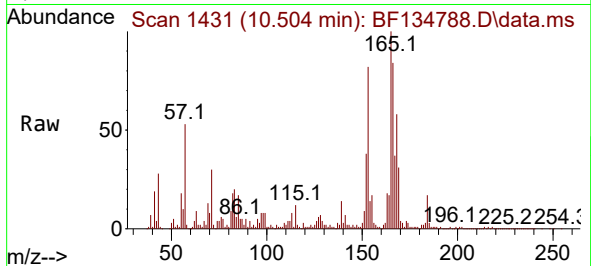




#66
n-Nitrosodiphenylamine
Concen: 9.931 ng
RT: 10.504 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

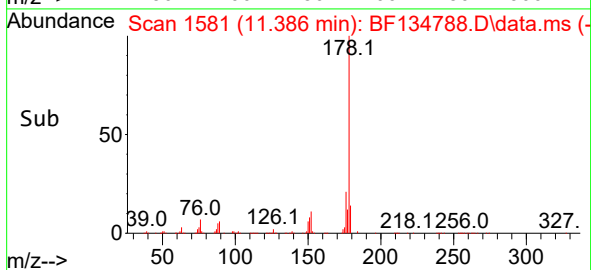
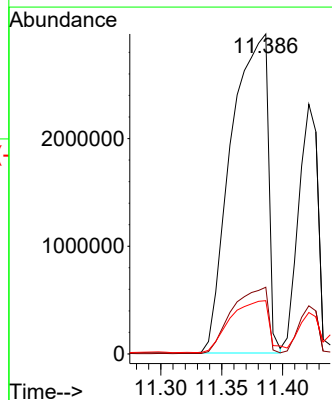
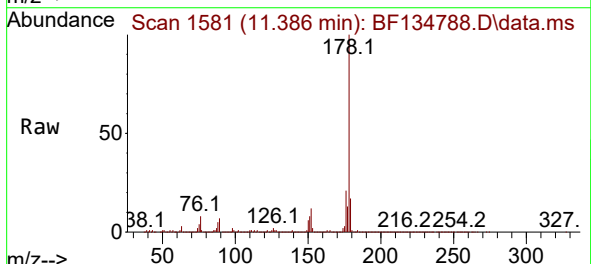
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z36-37

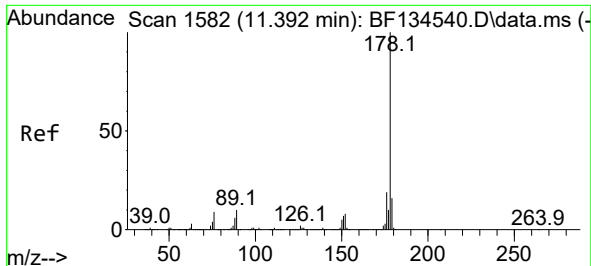
Tgt Ion:169 Resp: 133810
Ion Ratio Lower Upper
169 100
168 187.0 52.6 78.8#
167 121.5 29.8 44.8#



#71
Phenanthrene
Concen: 277.938 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.035 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

Tgt Ion:178 Resp: 6249585
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.6
179 16.6 12.7 19.1

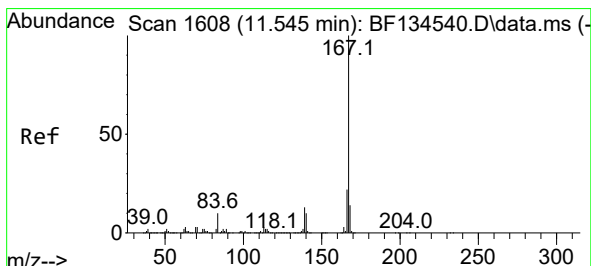
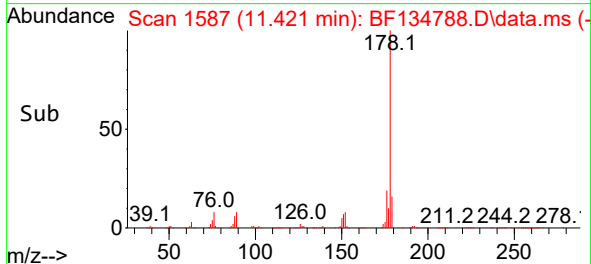
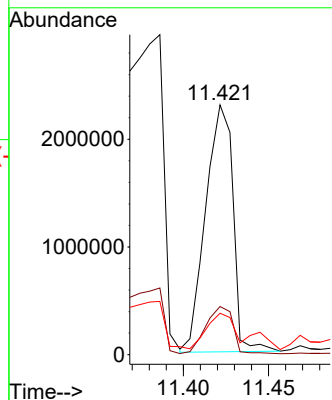
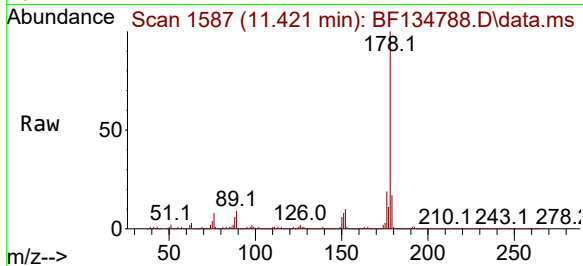




#72
 Anthracene
 Concen: 111.557 ng
 RT: 11.421 min Scan# 1610
 Delta R.T. 0.018 min
 Lab File: BF134788.D
 Acq: 15 Aug 2023 17:12

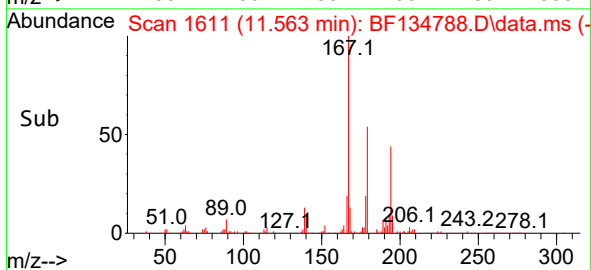
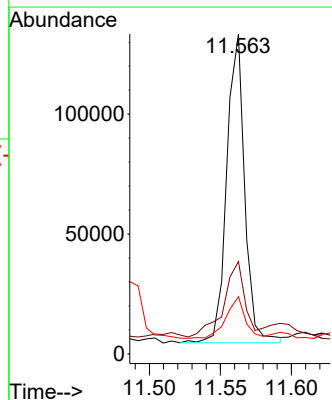
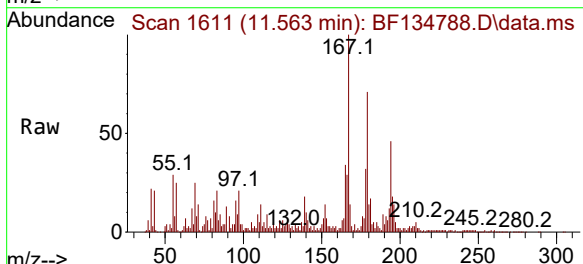
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB06-Z36-37

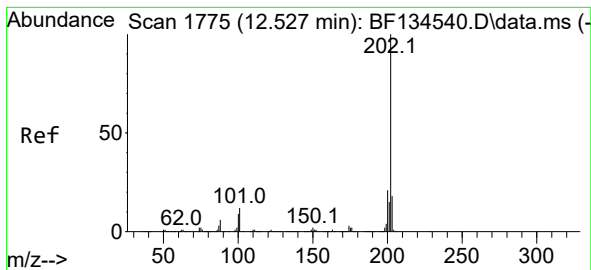
Tgt Ion:178 Resp: 2562221
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.6 21.8
 179 16.6 12.3 18.5



#73
 Carbazole
 Concen: 5.507 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF134788.D
 Acq: 15 Aug 2023 17:12

Tgt Ion:167 Resp: 112933
 Ion Ratio Lower Upper
 167 100
 166 28.9 17.5 26.3#
 139 17.9 11.0 16.4#





#75

Fluoranthene

Concen: 131.454 ng

RT: 12.563 min Scan# 11

Delta R.T. 0.023 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z36-37

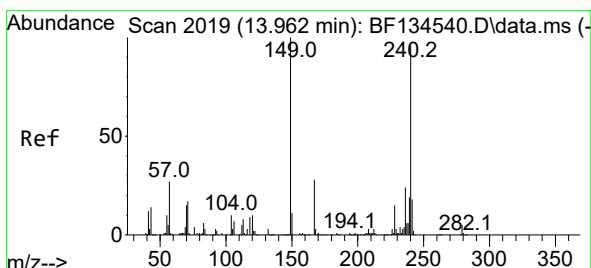
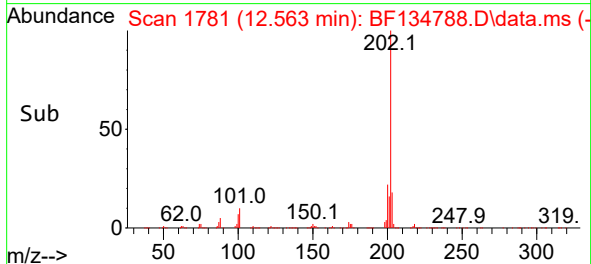
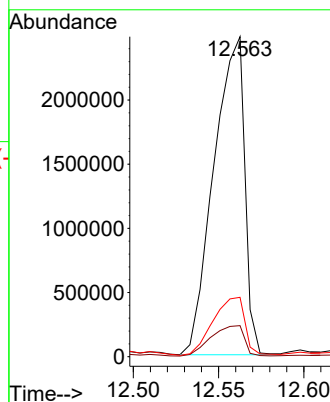
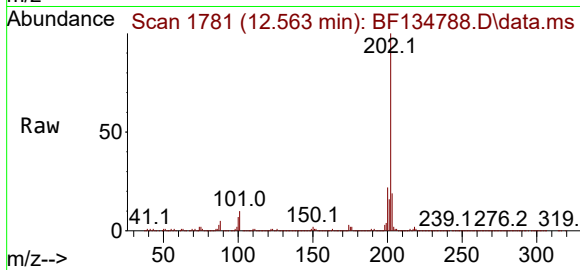
Tgt Ion:202 Resp: 3122255

Ion Ratio Lower Upper

202 100

101 9.7 0.0 28.5

203 18.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.012 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

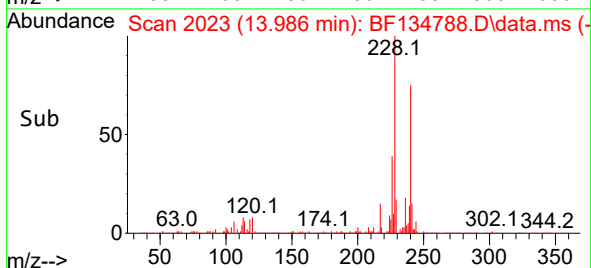
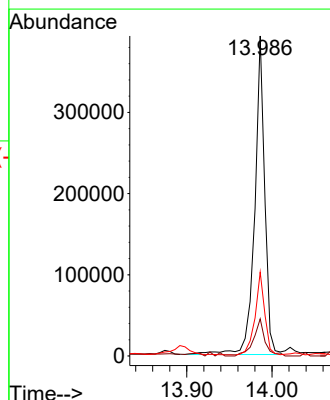
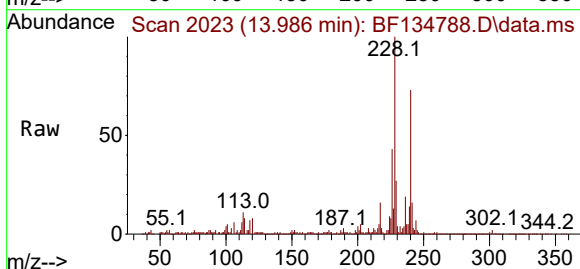
Tgt Ion:240 Resp: 321081

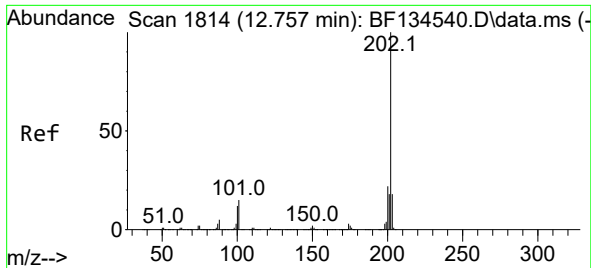
Ion Ratio Lower Upper

240 100

120 11.6 6.6 10.0#

236 26.2 20.2 30.2

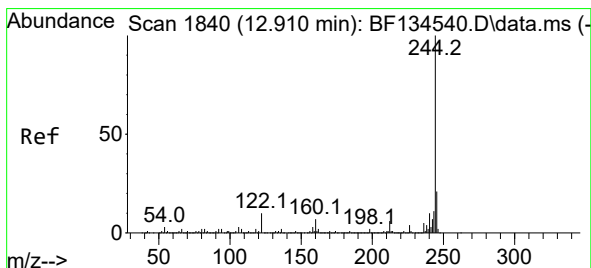
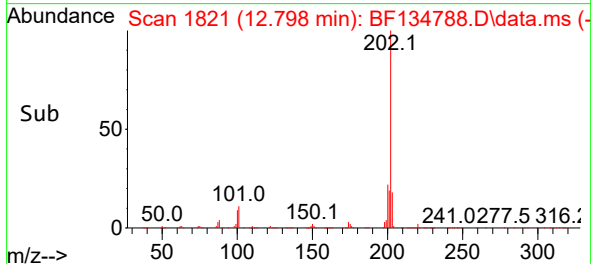
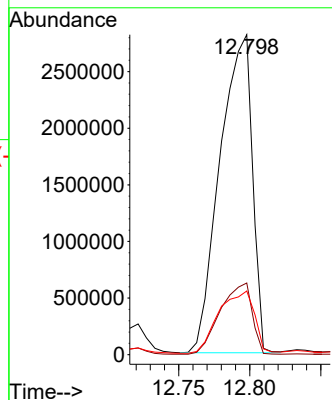
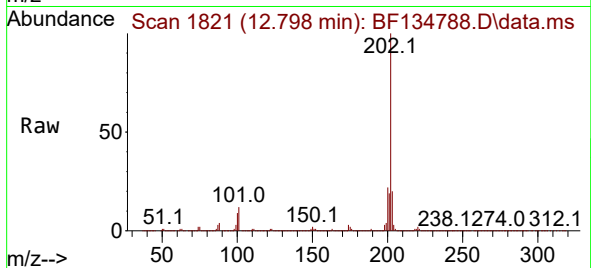




#78
Pyrene
Concen: 160.278 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.029 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

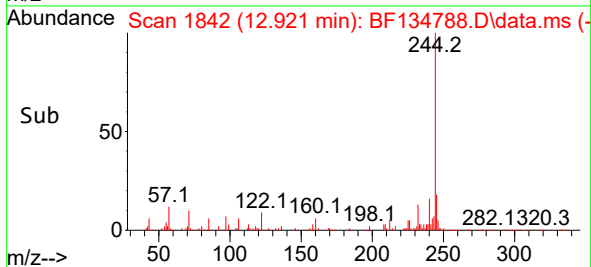
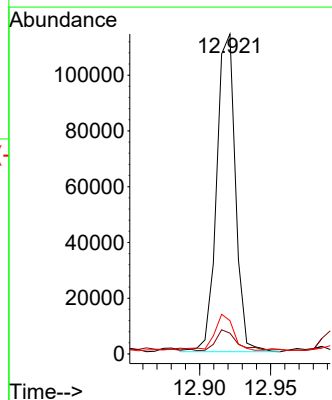
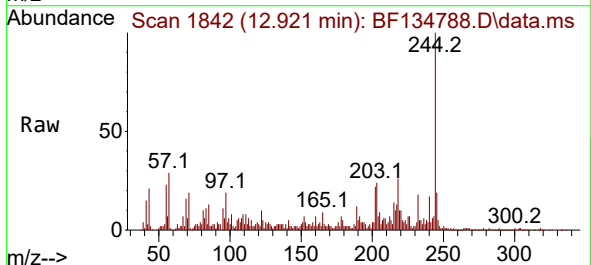
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z36-37

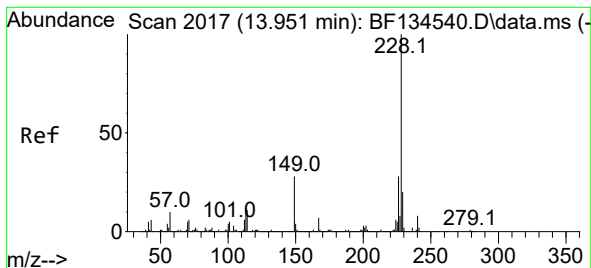
Tgt Ion:202 Resp: 4453114
Ion Ratio Lower Upper
202 100
200 22.4 15.8 23.8
203 19.9 13.5 20.3



#79
Terphenyl-d14
Concen: 5.769 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

Tgt Ion:244 Resp: 105073
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 10.4 8.0 12.0





#81

Benzo(a)anthracene

Concen: 78.252 ng

RT: 14.015 min Scan# 20

Delta R.T. 0.053 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z36-37

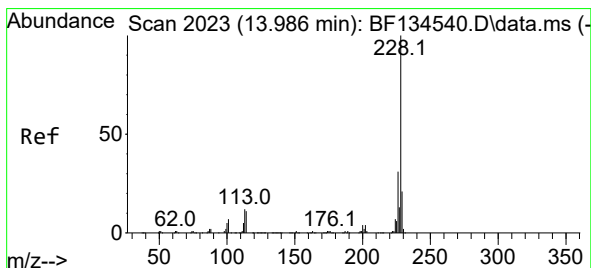
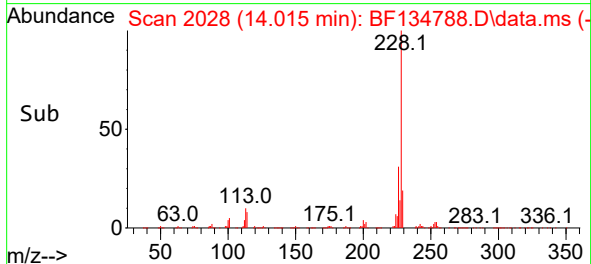
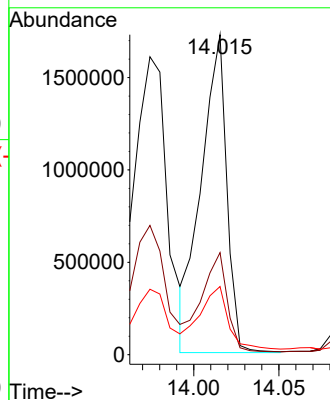
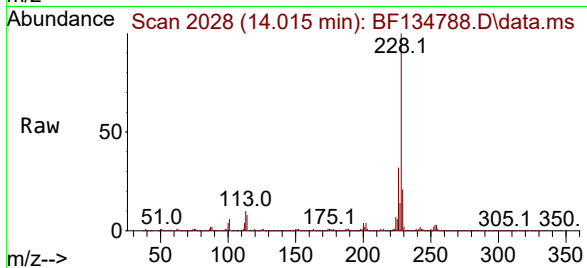
Tgt Ion:228 Resp: 1796570

Ion Ratio Lower Upper

228 100

226 31.9 22.3 33.5

229 21.3 15.8 23.6



#83

Chrysene

Concen: 80.319 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.018 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

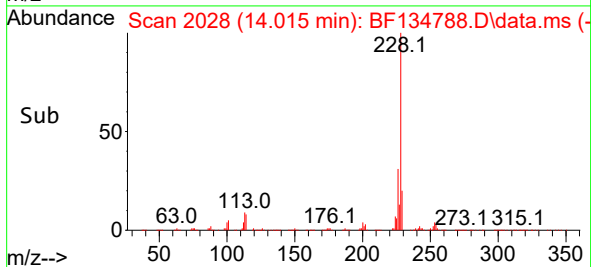
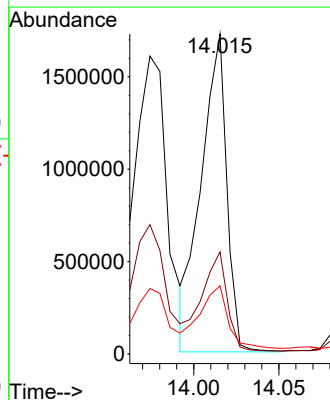
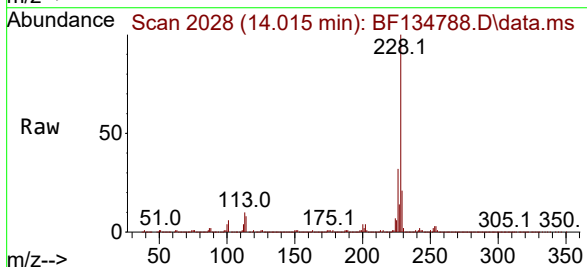
Tgt Ion:228 Resp: 1796570

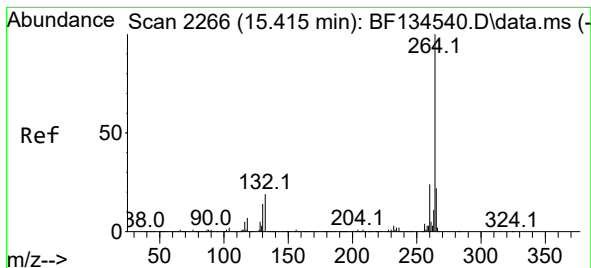
Ion Ratio Lower Upper

228 100

226 31.9 24.5 36.7

229 21.3 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z36-37

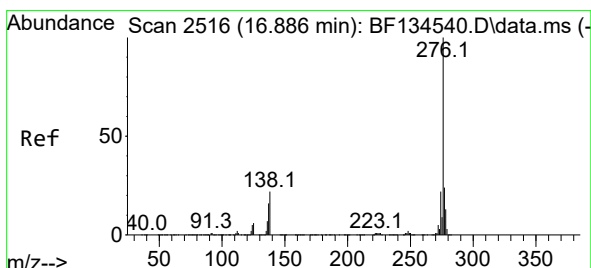
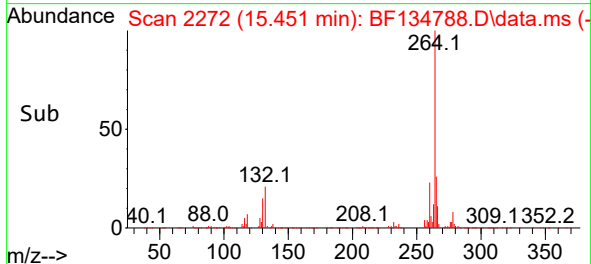
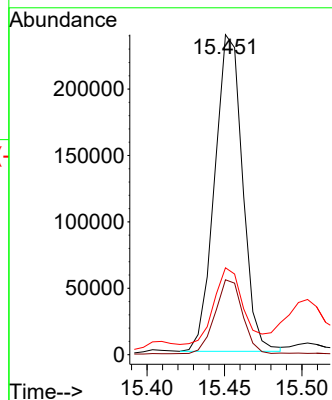
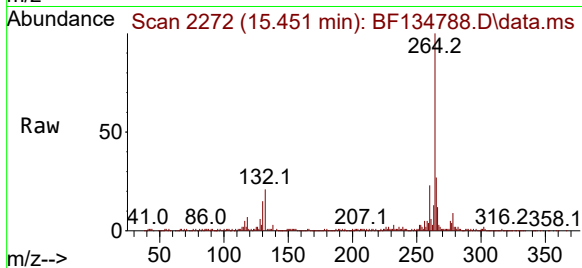
Tgt Ion:264 Resp: 298758

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 27.2 15.8 23.8#



#87

Indeno(1,2,3-cd)pyrene

Concen: 28.469 ng

RT: 16.945 min Scan# 2526

Delta R.T. 0.018 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

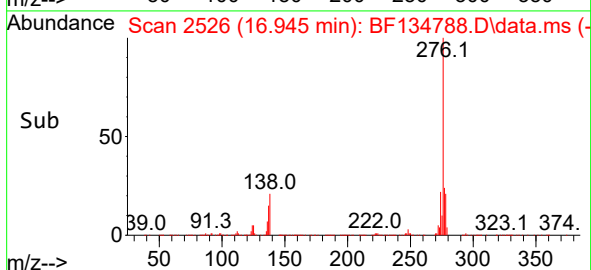
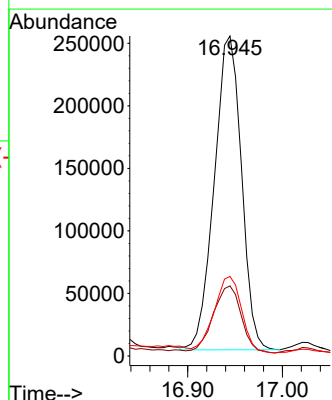
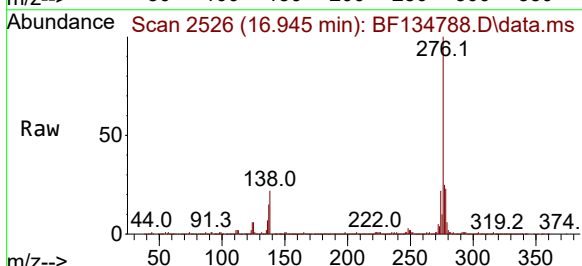
Tgt Ion:276 Resp: 500215

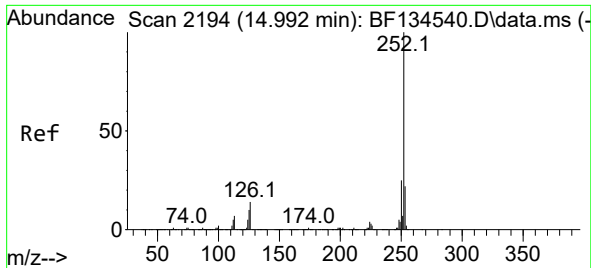
Ion Ratio Lower Upper

276 100

138 22.3 14.2 21.4#

277 24.8 19.9 29.9

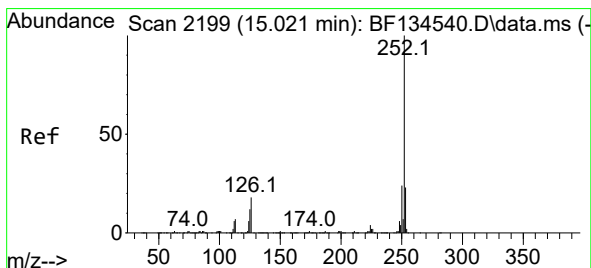
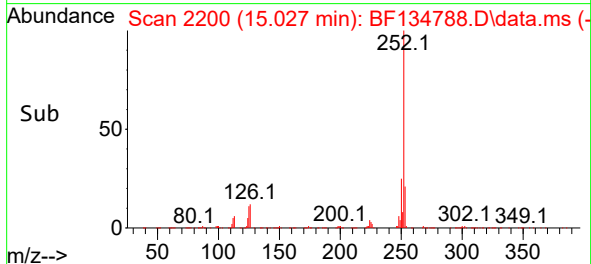
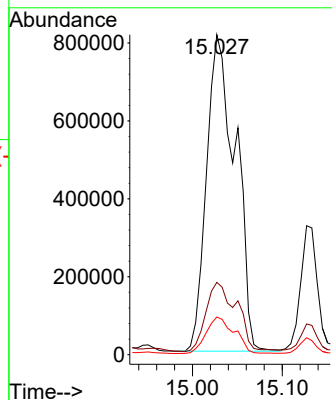
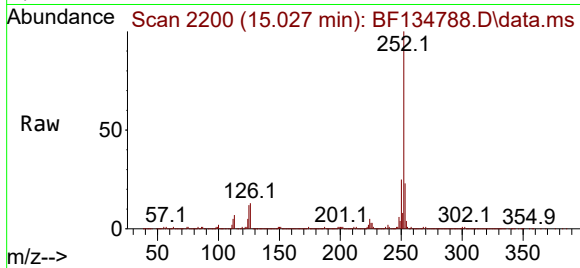




#88
Benzo(b)fluoranthene
Concen: 100.136 ng
RT: 15.027 min Scan# 2194
Delta R.T. 0.018 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

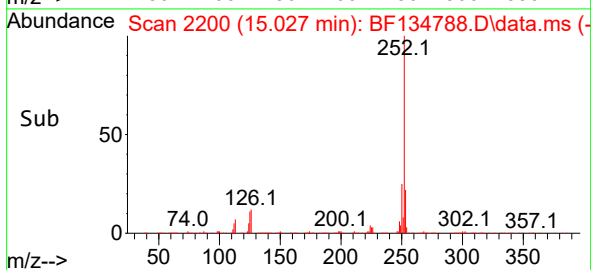
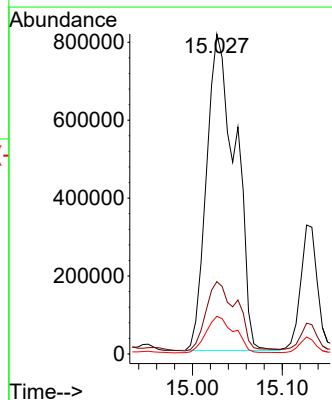
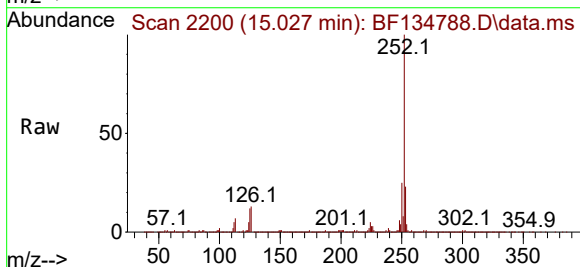
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z36-37

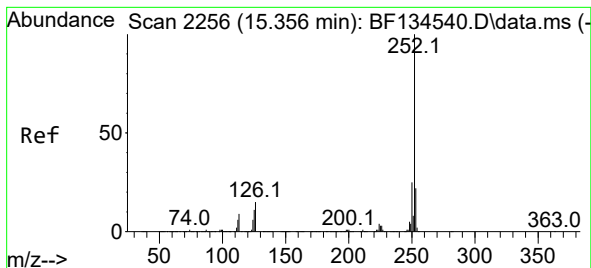
Tgt Ion:252 Resp: 1824568
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 11.7 6.0 9.0#



#89
Benzo(k)fluoranthene
Concen: 100.521 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BF134788.D
Acq: 15 Aug 2023 17:12

Tgt Ion:252 Resp: 1824568
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 11.7 6.3 9.5#





#90

Benzo(a)pyrene

Concen: 90.277 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z36-37

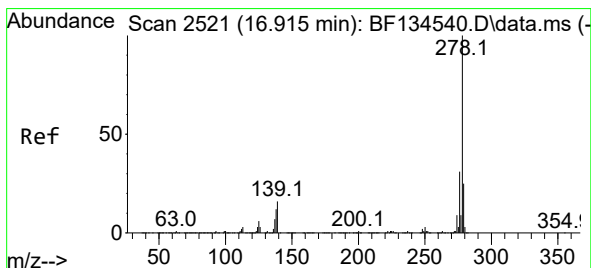
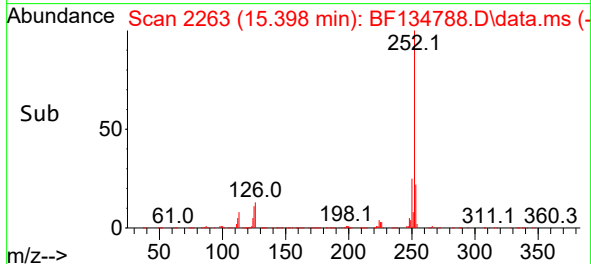
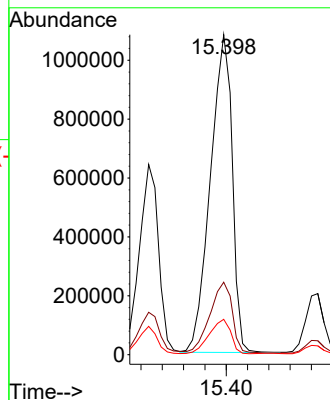
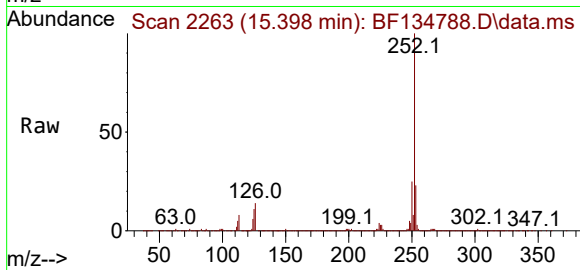
Tgt Ion:252 Resp: 1533711

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

125 11.1 6.2 9.4#



#91

Dibenzo(a,h)anthracene

Concen: 9.584 ng

RT: 16.956 min Scan# 2528

Delta R.T. 0.006 min

Lab File: BF134788.D

Acq: 15 Aug 2023 17:12

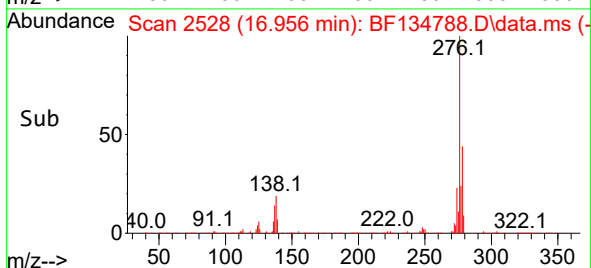
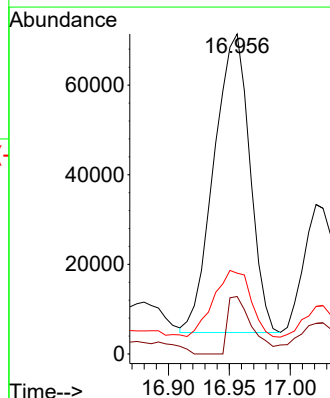
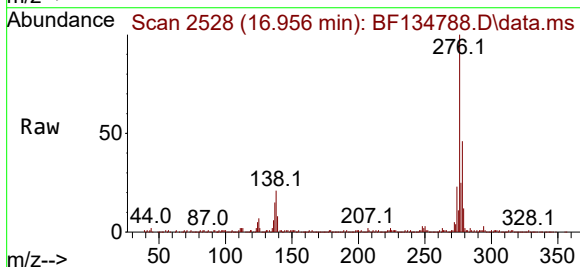
Tgt Ion:278 Resp: 136089

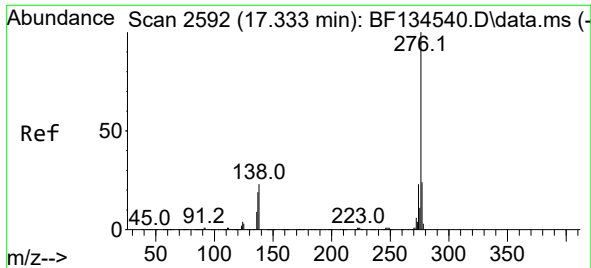
Ion Ratio Lower Upper

278 100

139 18.0 10.0 15.0#

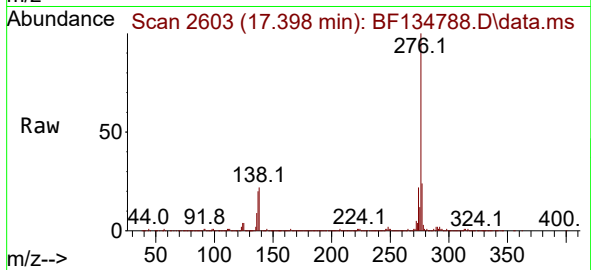
279 25.3 19.7 29.5





#92
 Benzo(g,h,i)perylene
 Concen: 37.562 ng
 RT: 17.398 min Scan# 20
 Delta R.T. 0.024 min
 Lab File: BF134788.D
 Acq: 15 Aug 2023 17:12

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB06-Z36-37



Tgt Ion:276 Resp: 544082
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.0 28.6
 138 21.9 12.2 18.2#

