

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134841.D
 Acq On : 18 Aug 2023 15:34
 Operator : CG\JU
 Sample : 04047-01 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB05-Z26-27

Quant Time: Aug 18 15:54:34 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	6.792	152	131320	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	381239	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	246386	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	350678	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	240527	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	231988	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	38156	4.417	ng	-0.02
7) Phenol-d6	6.422	99	49870	4.516	ng	-0.02
23) Nitrobenzene-d5	7.316	82	2831	0.464	ng	-0.05
42) 2,4,6-Tribromophenol	10.616	330	7242	2.883	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	54093	3.650	ng	-0.02
79) Terphenyl-d14	12.910	244	37829	2.773	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	71783	9.917	ng	# 1
18) Hexachloroethane	7.281	117	16790	5.294	ng	# 1
22) Acetophenone	7.187	105	32990	3.748	ng	# 51
24) Nitrobenzene	7.404	77	21310	3.233	ng	# 7
26) 2-Nitrophenol	7.692	139	1460	5.261	ng	# 1
31) Naphthalene	8.134	128	9321728	486.511	ng	# 96
32) Benzoic acid	7.863	122	2485	8.404	ng	# 1
33) 4-Chloroaniline	8.134	127	1353522	158.542	ng	# 34
35) Caprolactam	8.498	113	12103	6.962	ng	# 2
37) 2-Methylnaphthalene	8.810	142	3441607	270.988	ng	# 99
38) 1-Methylnaphthalene	8.904	142	2387902	202.196	ng	# 95
46) 1,1'-Biphenyl	9.251	154	816601	42.621	ng	# 99
48) 2-Nitroaniline	9.351	65	21971	7.751	ng	# 32
49) Acenaphthylene	9.692	152	311193	13.790	ng	# 88
51) 2,6-Dinitrotoluene	9.522	165	14920	6.606	ng	# 1
52) Acenaphthene	9.875	154	1734034	118.572	ng	# 100
54) 2,4-Dinitrophenol	9.880	184	461	7.231	ng	# 1
55) Dibenzofuran	10.033	168	183227	8.801	ng	# 87
56) 4-Nitrophenol	9.933	139	35663	11.650	ng	# 15
57) 2,4-Dinitrotoluene	10.033	165	15571	6.375	ng	# 53
58) Fluorene	10.380	166	1038527	68.487	ng	# 93
62) 4-Nitroaniline	10.380	138	11778	3.210	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.439	198	752	9.133	ng	# 1
66) n-Nitrosodiphenylamine	10.492	169	48674	4.361	ng	# 1
71) Phenanthrene	11.357	178	2975176	159.727	ng	# 99
72) Anthracene	11.398	178	1103686	58.009	ng	# 99
73) Carbazole	11.551	167	41288	2.430	ng	# 89
75) Fluoranthene	12.539	202	1199231	60.950	ng	# 96
78) Pyrene	12.774	202	1791656	86.083	ng	# 96
81) Benzo(a)anthracene	13.998	228	653679	38.007	ng	# 95
83) Chrysene	13.998	228	653679	39.011	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.915	276	139157	10.199	ng	# 96
88) Benzo(b)fluoranthene	15.010	252	583686	41.254	ng	# 95
89) Benzo(k)fluoranthene	15.010	252	583686	41.412	ng	# 97
90) Benzo(a)pyrene	15.374	252	504020	38.206	ng	# 95
91) Dibenzo(a,h)anthracene	16.927	278	37747	3.423	ng	# 88

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QLast Update : Fri Aug 04 09:29:15 2023
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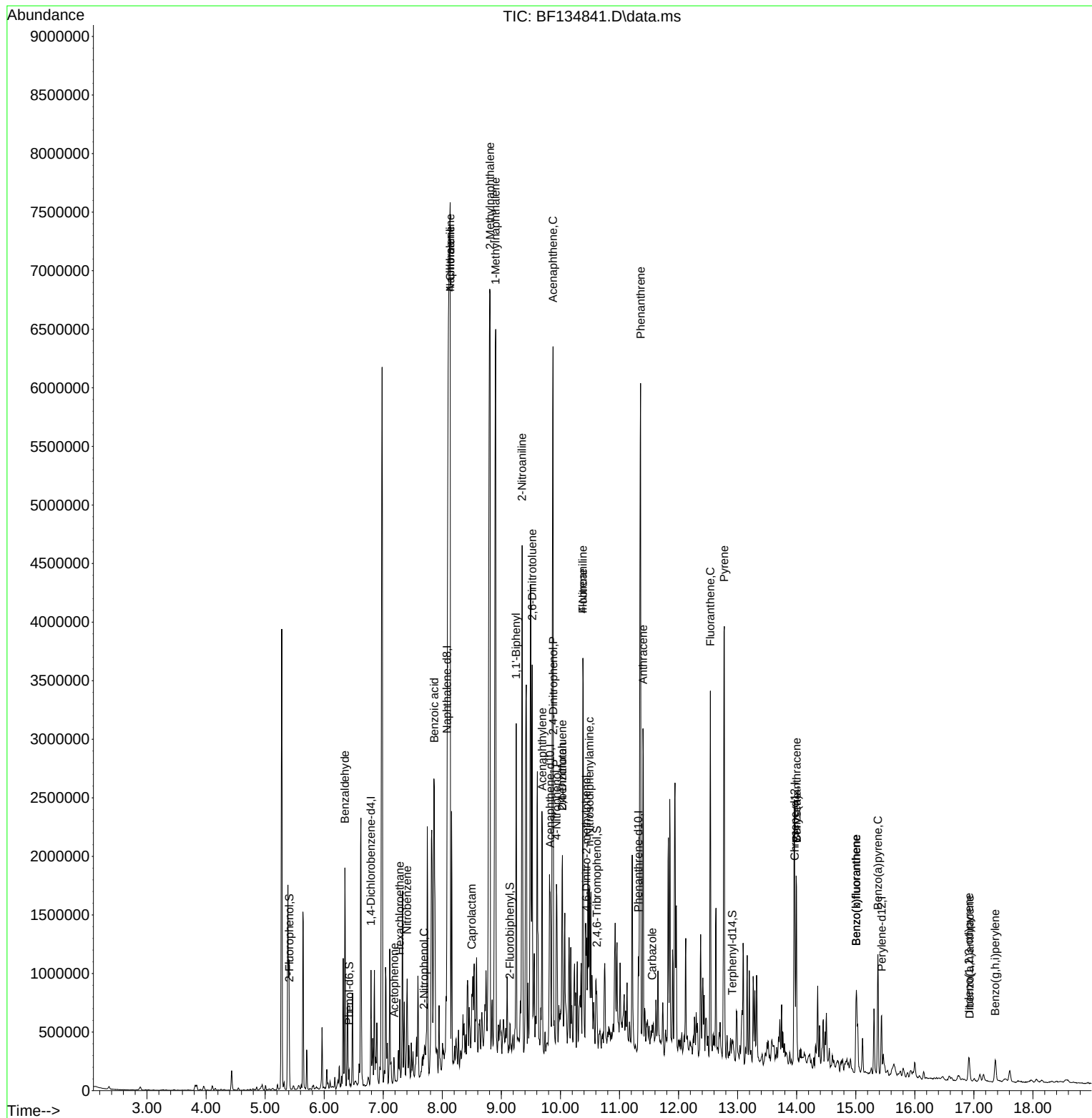
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Benzo(g,h,i)perylene	17.362	276	150135	13.348	ng	# 92

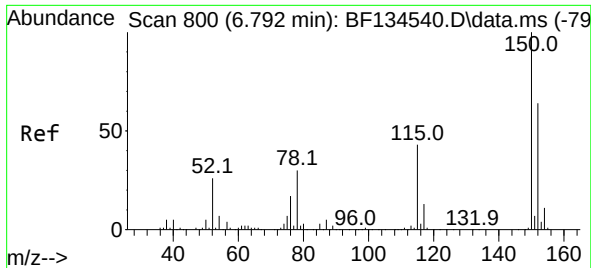
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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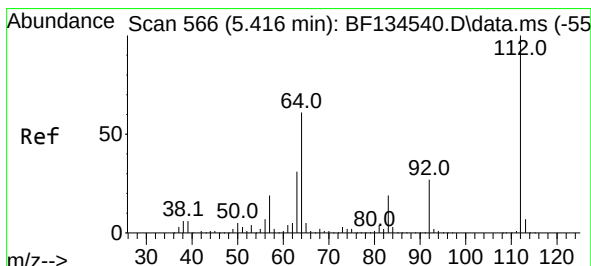
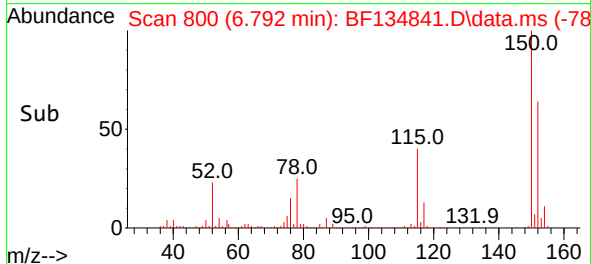
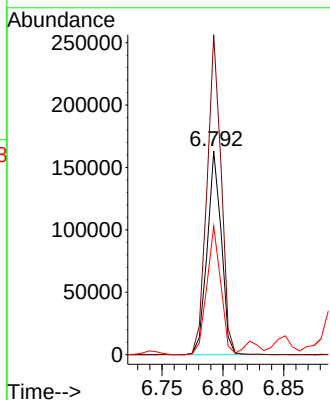
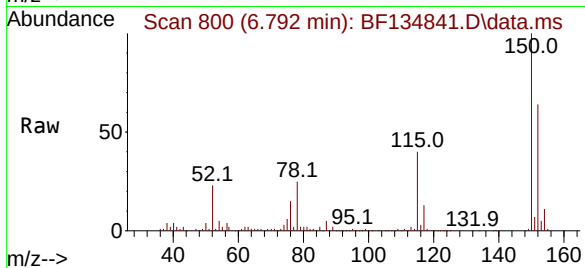




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

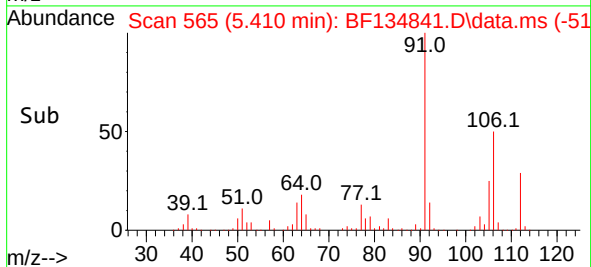
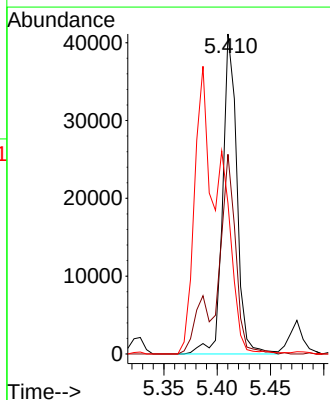
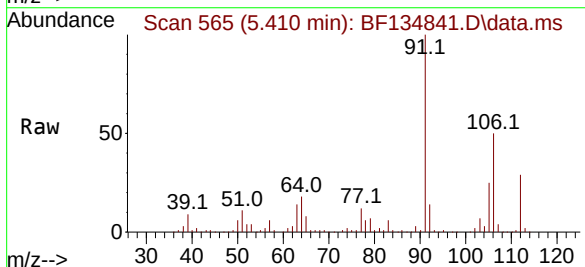
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

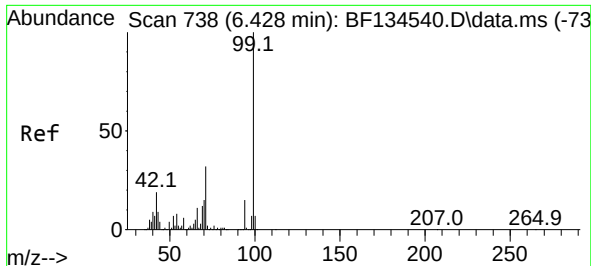
Tgt Ion:152 Resp: 131320
Ion Ratio Lower Upper
152 100
150 157.1 128.3 192.5
115 63.2 52.4 78.6



#5
2-Fluorophenol
Concen: 4.417 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.018 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

Tgt Ion:112 Resp: 38156
Ion Ratio Lower Upper
112 100
64 62.4 44.9 67.3
63 47.1 25.4 38.0#





#7

Phenol-d6

Concen: 4.516 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

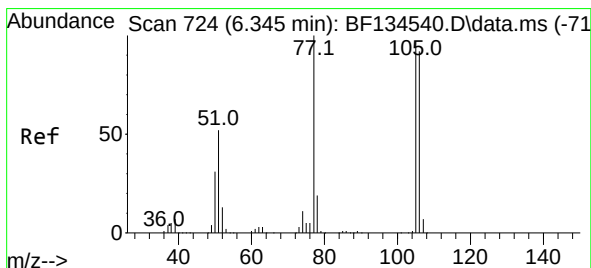
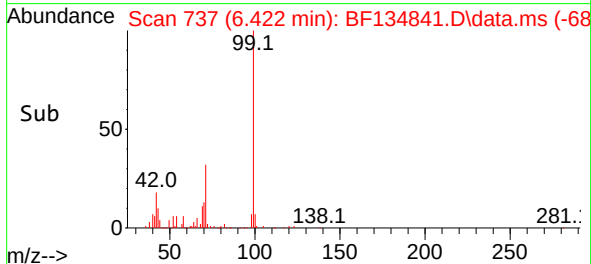
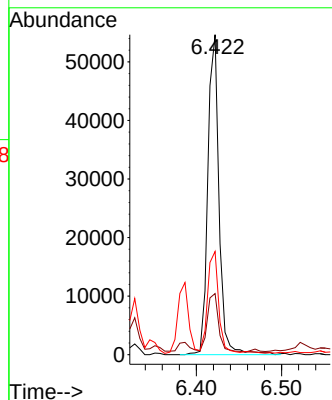
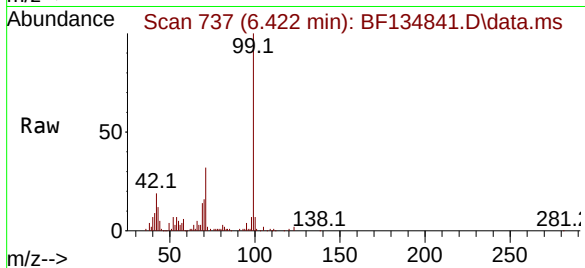
Tgt Ion: 99 Resp: 49870

Ion Ratio Lower Upper

99 100

42 19.1 18.7 28.1

71 32.3 36.4 54.6#



#9

Benzaldehyde

Concen: 9.917 ng

RT: 6.351 min Scan# 725

Delta R.T. -0.006 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

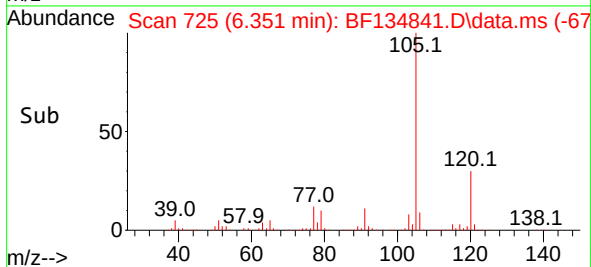
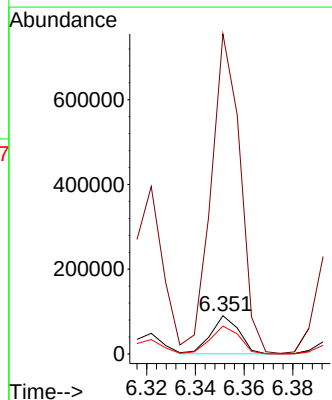
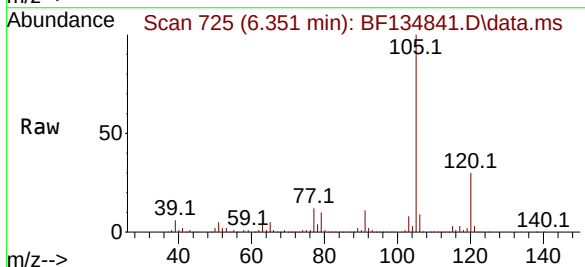
Tgt Ion: 77 Resp: 71783

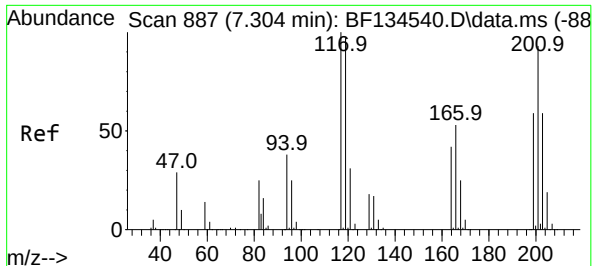
Ion Ratio Lower Upper

77 100

105 837.5 77.1 117.1#

106 72.9 71.4 111.4

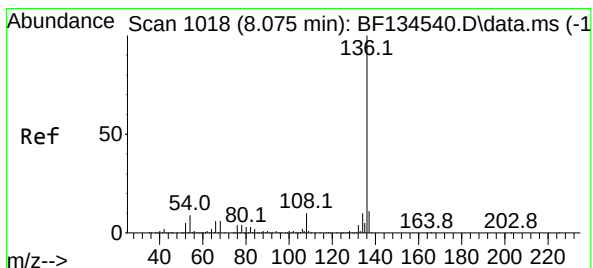
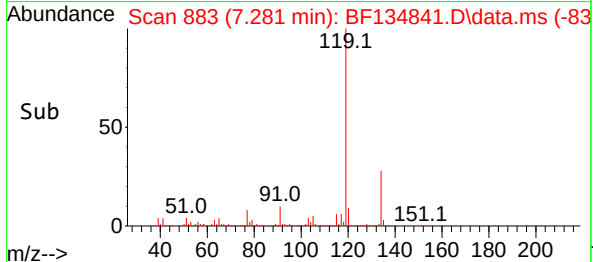
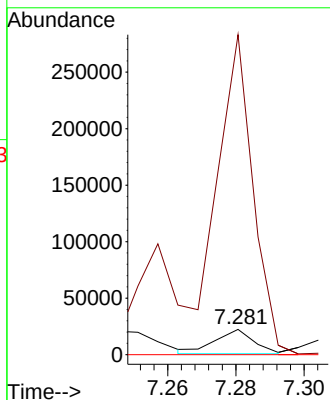
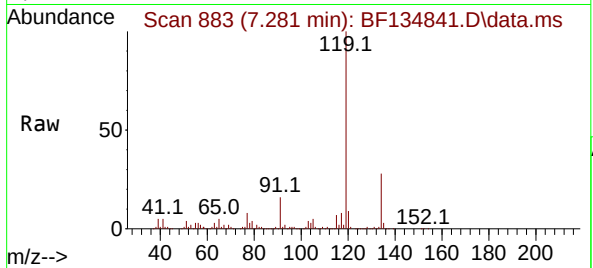




#18
Hexachloroethane
Concen: 5.294 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.029 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

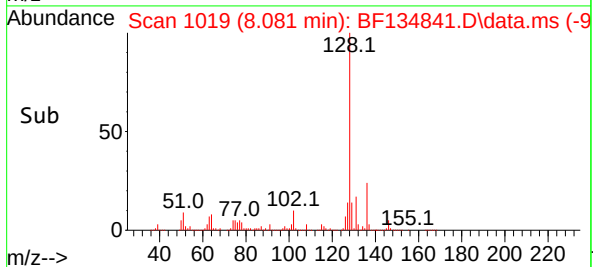
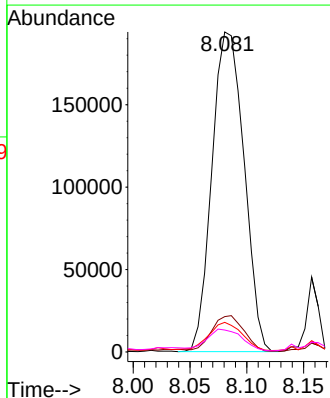
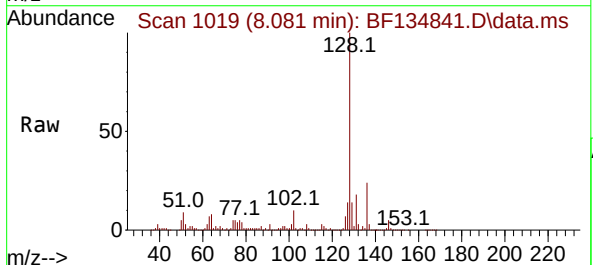
Instrument :
BNA_F
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NEVINS-SB05-Z26-27

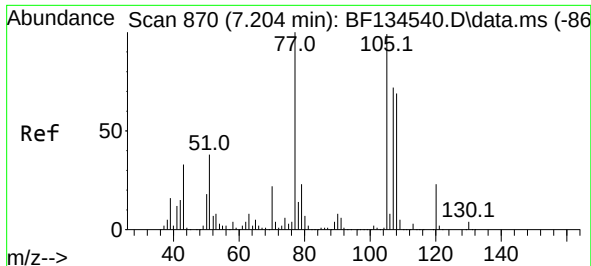
Tgt Ion:117 Resp: 16790
Ion Ratio Lower Upper
117 100
119 1265.2 75.8 113.8#
201 0.0 73.6 110.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

Tgt Ion:136 Resp: 381239
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.2 5.2 7.8#
68 6.9 2.9 4.3#

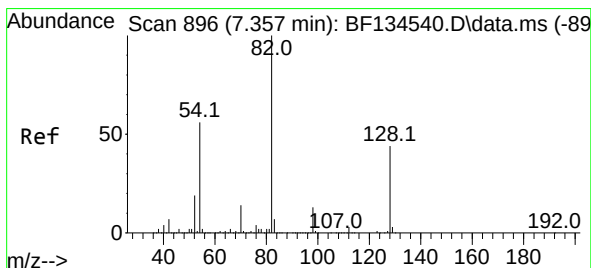
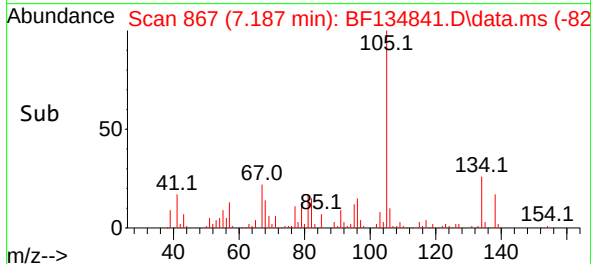
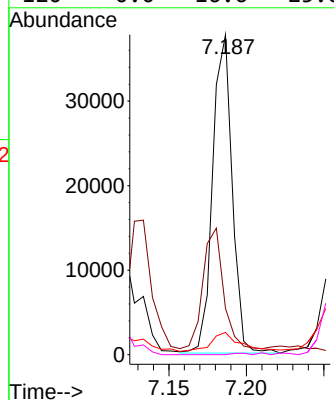
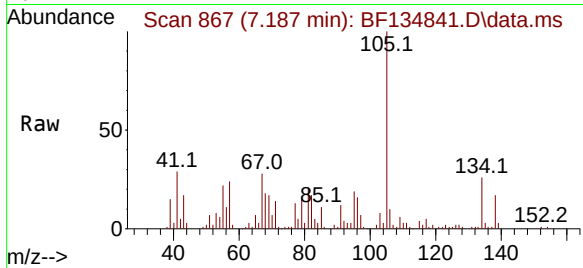




#22
Acetophenone
Concen: 3.748 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.029 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

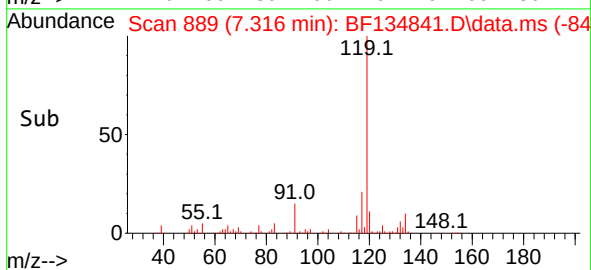
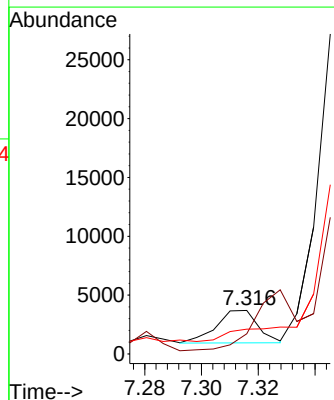
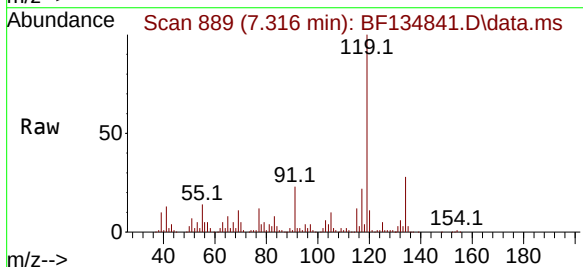
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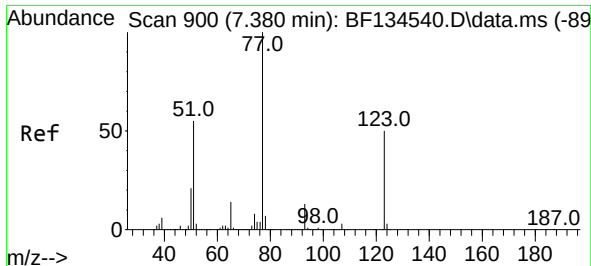
Tgt Ion:105 Resp: 32990
Ion Ratio Lower Upper
105 100
71 14.4 7.4 11.0#
51 6.9 36.4 54.6#
120 0.0 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 0.464 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.053 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 82 Resp: 2831
Ion Ratio Lower Upper
82 100
128 46.5 34.3 51.5
54 56.8 43.8 65.6

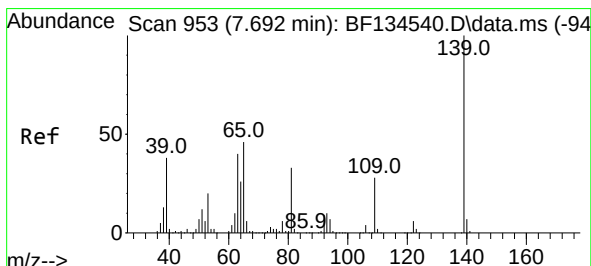
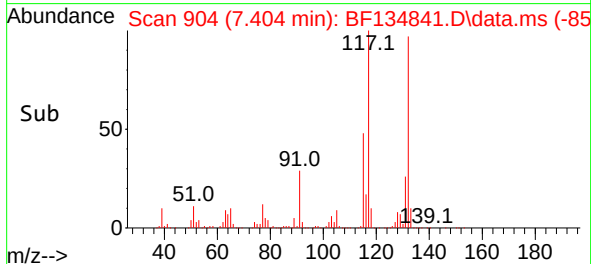
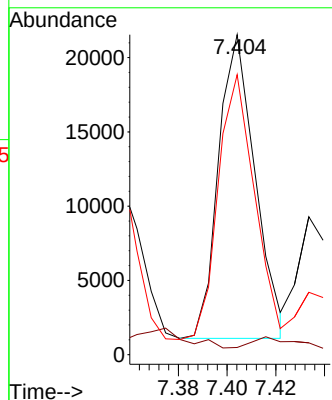
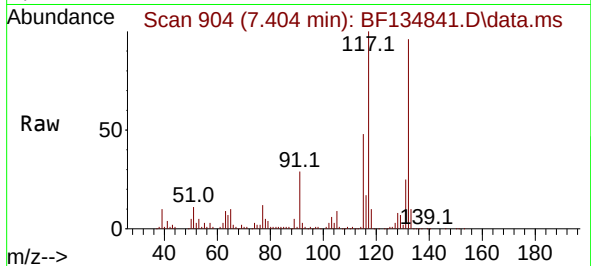




#24
Nitrobenzene
Concen: 3.233 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.018 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

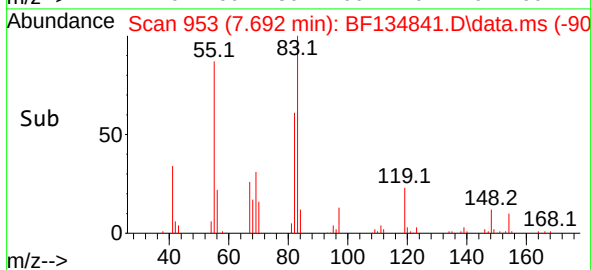
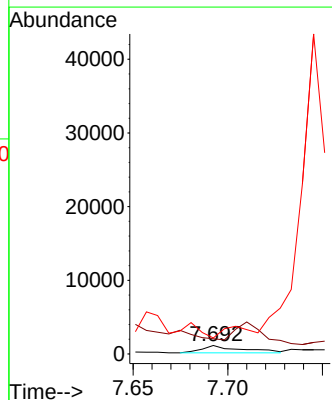
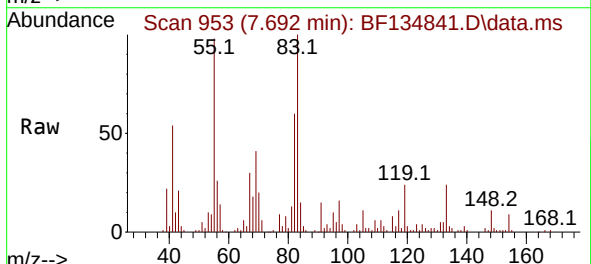
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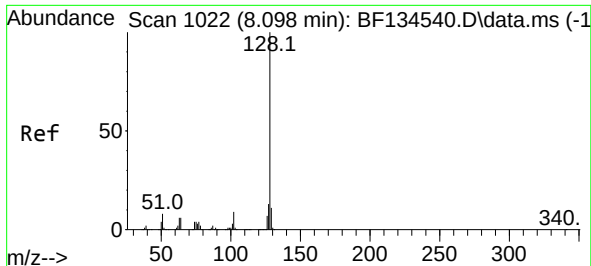
Tgt Ion: 77 Resp: 21310
Ion Ratio Lower Upper
77 100
123 2.3 35.5 53.3#
65 87.5 11.9 17.9#



#26
2-Nitrophenol
Concen: 5.261 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 139 Resp: 1460
Ion Ratio Lower Upper
139 100
109 178.7 29.8 44.6#
65 188.0 45.4 68.2#

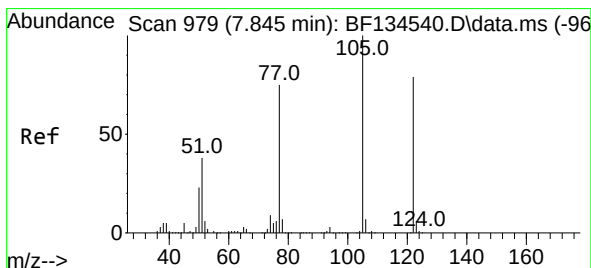
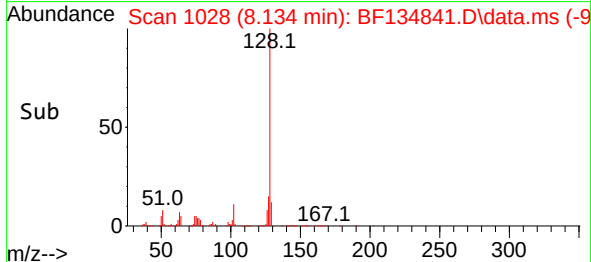
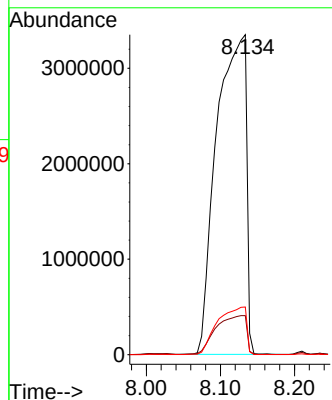
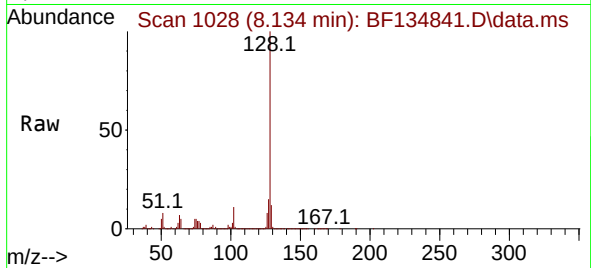




#31
Naphthalene
Concen: 486.511 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.029 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

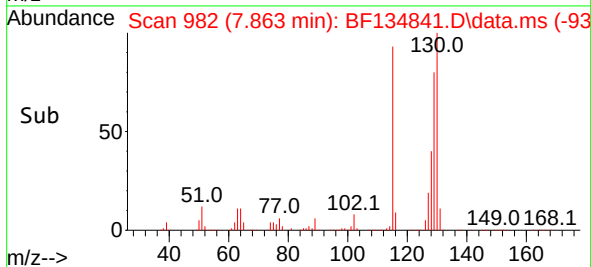
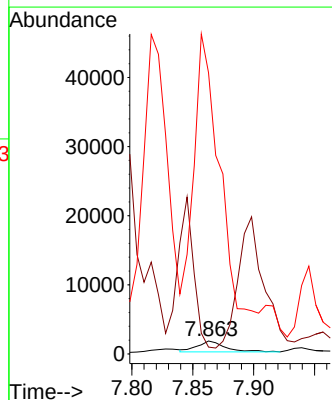
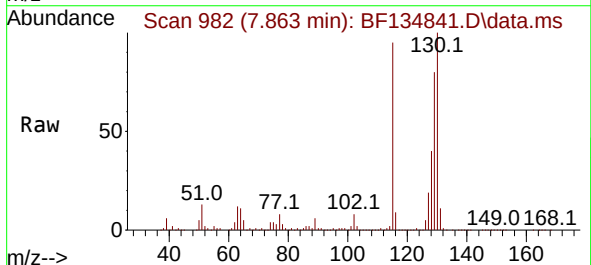
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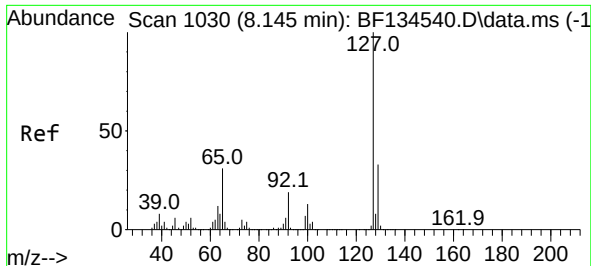
Tgt Ion:128 Resp: 9321728
Ion Ratio Lower Upper
128 100
129 12.2 8.4 12.6
127 14.9 10.7 16.1



#32
Benzoic acid
Concen: 8.404 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

Tgt Ion:122 Resp: 2485
Ion Ratio Lower Upper
122 100
105 53.1 87.5 127.5#
77 2175.8 71.4 111.4#

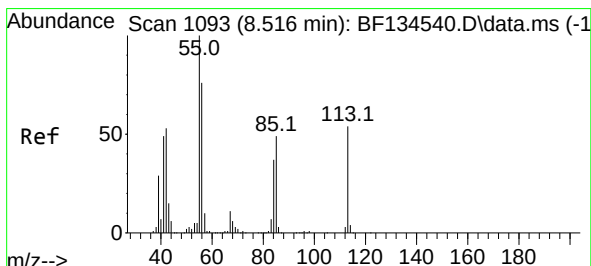
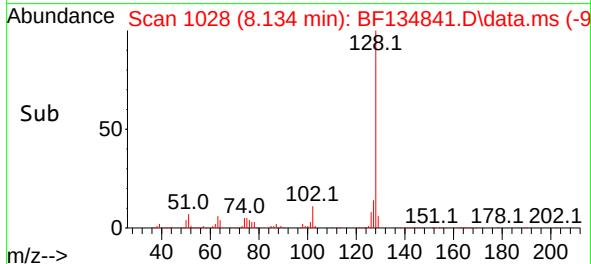
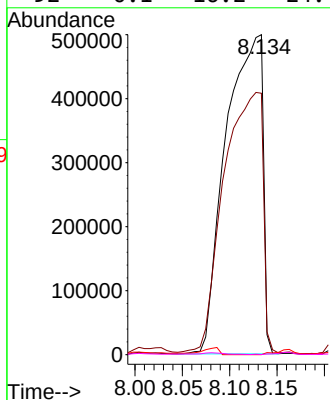
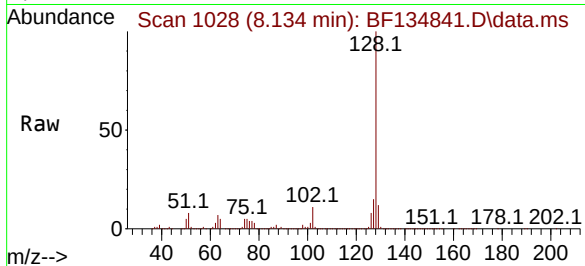




#33
4-Chloroaniline
Concen: 158.542 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

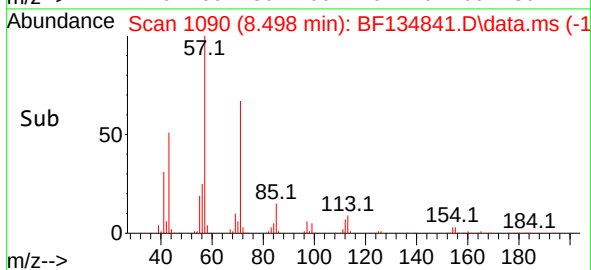
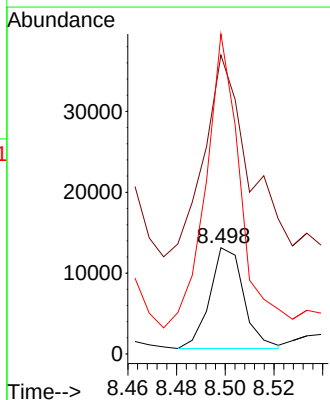
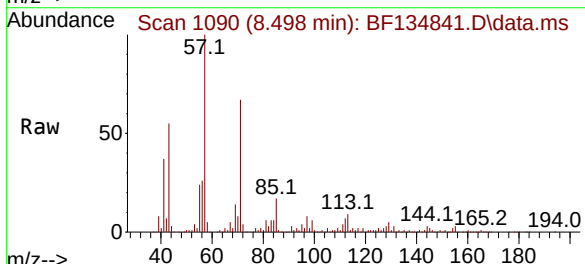
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

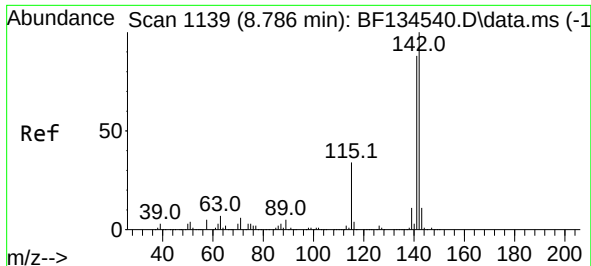
Tgt Ion:127 Resp: 1353522
Ion Ratio Lower Upper
127 100
129 81.7 25.6 38.4#
65 0.0 25.4 38.0#
92 0.1 16.2 24.4#



#35
Caprolactam
Concen: 6.962 ng
RT: 8.498 min Scan# 1090
Delta R.T. -0.035 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

Tgt Ion:113 Resp: 12103
Ion Ratio Lower Upper
113 100
55 281.3 161.5 201.5#
56 301.2 117.8 157.8#





#37

2-Methylnaphthalene

Concen: 270.988 ng

RT: 8.810 min Scan# 1143

Delta R.T. 0.018 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

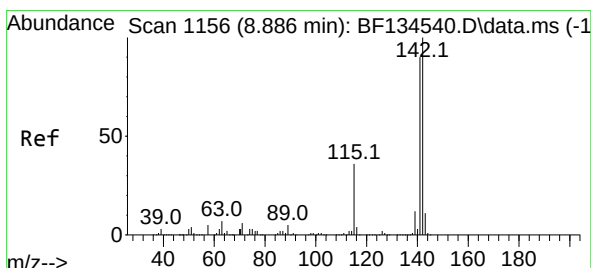
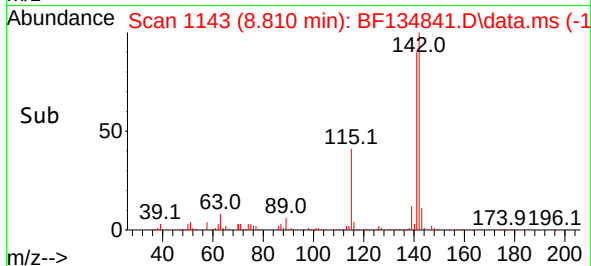
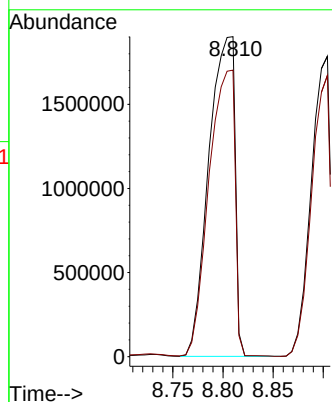
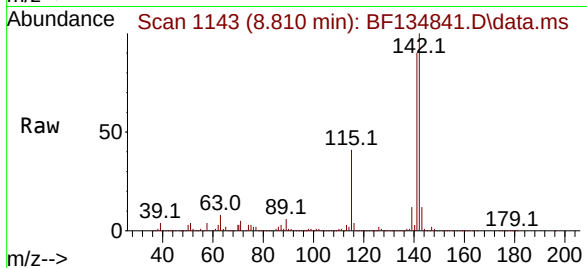
NEVINS-SB05-Z26-27

Tgt Ion:142 Resp: 3441607

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2



#38

1-Methylnaphthalene

Concen: 202.196 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.012 min

Lab File: BF134841.D

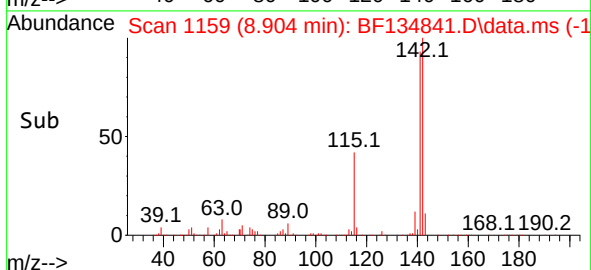
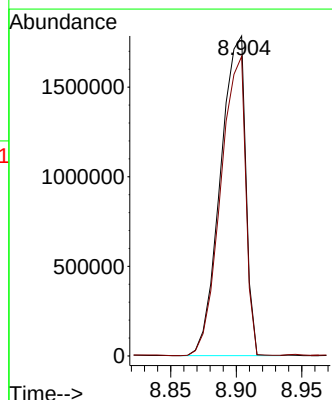
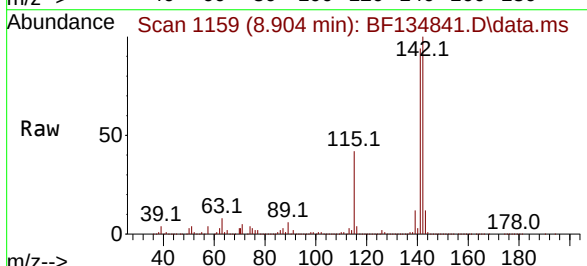
Acq: 18 Aug 2023 15:34

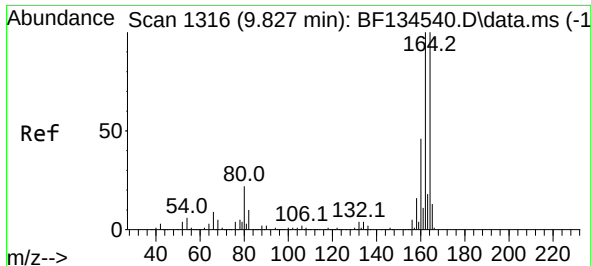
Tgt Ion:142 Resp: 2387902

Ion Ratio Lower Upper

142 100

141 93.6 71.4 107.2

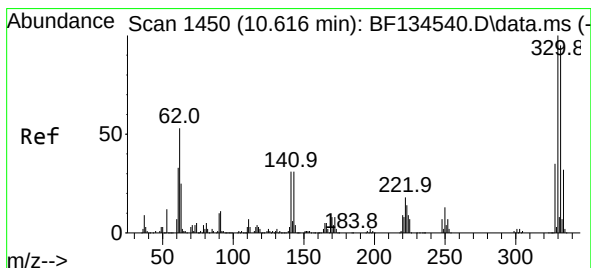
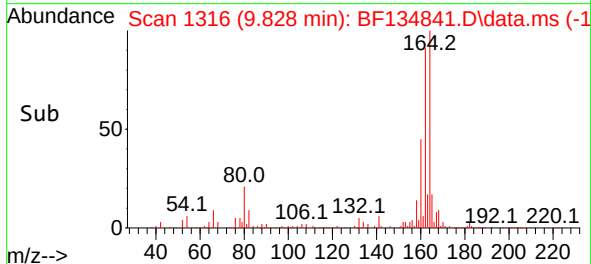
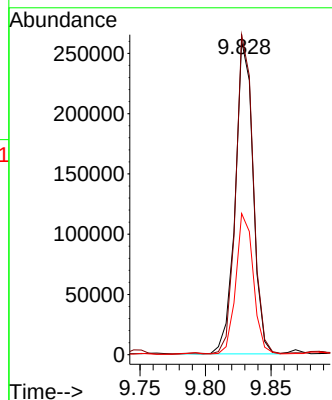
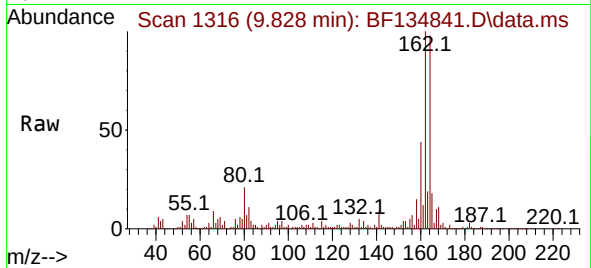




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

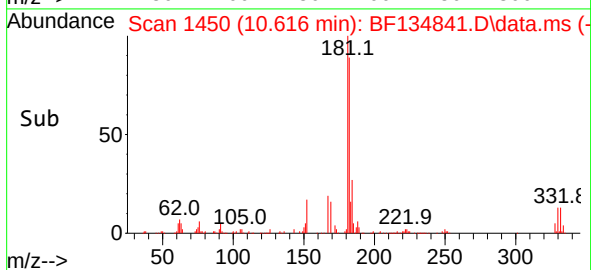
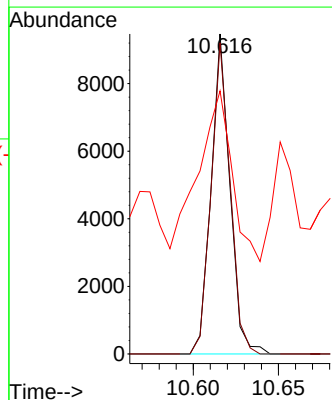
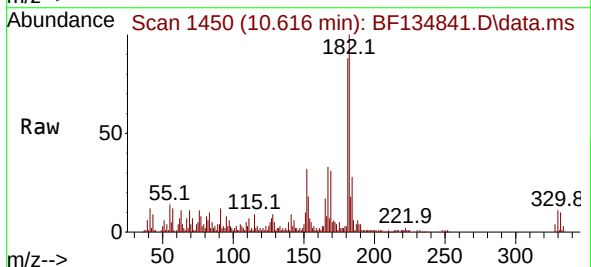
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

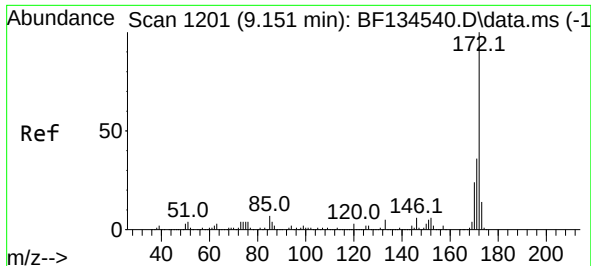
Tgt Ion:164 Resp: 246386
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 44.9 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 2.883 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

Tgt Ion:330 Resp: 7242
Ion Ratio Lower Upper
330 100
332 98.8 78.8 118.2
141 96.4 25.4 38.2#





#45

2-Fluorobiphenyl

Concen: 3.650 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

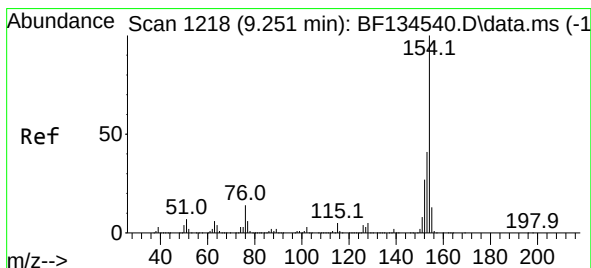
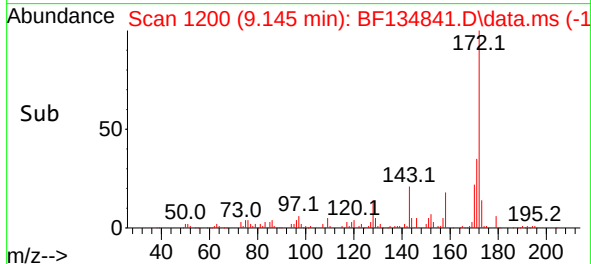
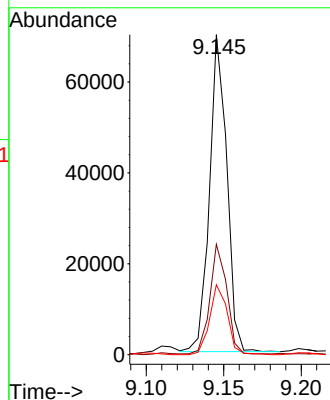
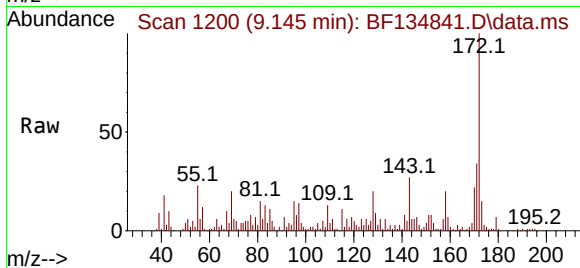
Tgt Ion:172 Resp: 54093

Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 21.8 18.7 28.1



#46

1,1'-Biphenyl

Concen: 42.621 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

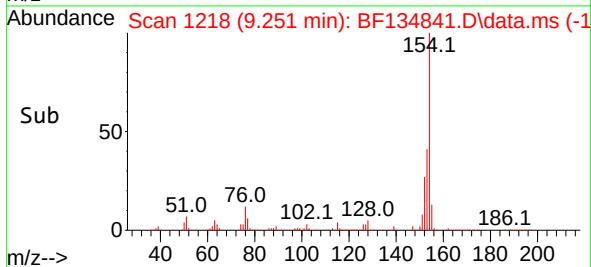
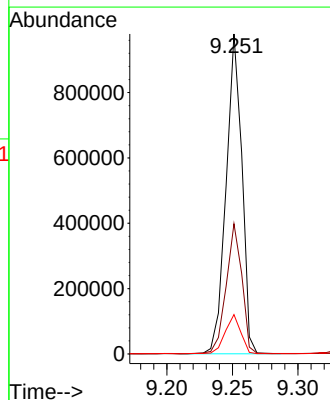
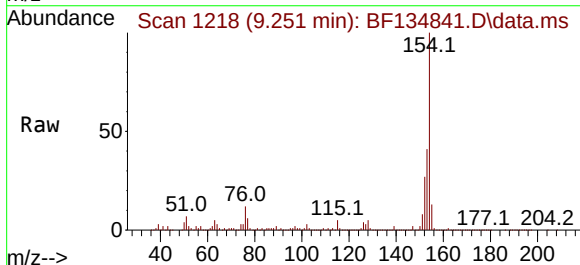
Tgt Ion:154 Resp: 816601

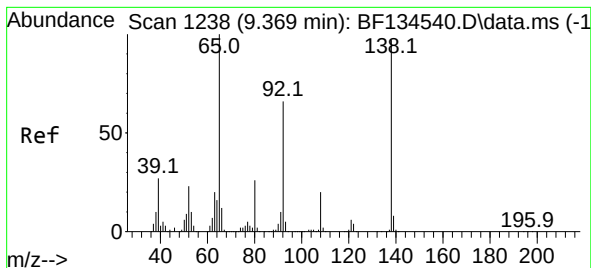
Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

76 12.3 0.0 30.2





#48

2-Nitroaniline

Concen: 7.751 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.029 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

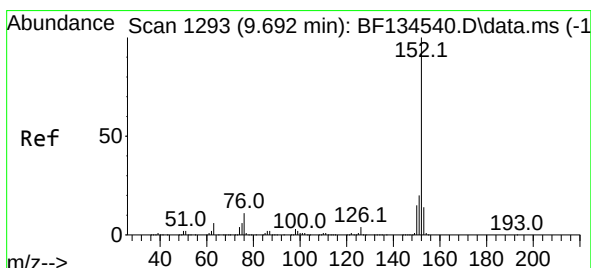
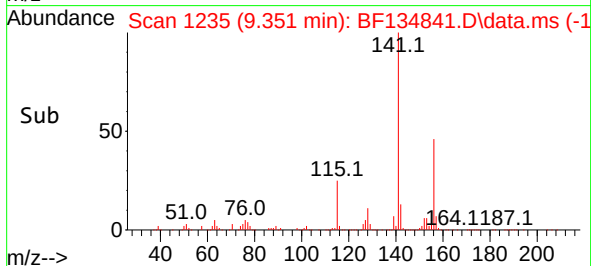
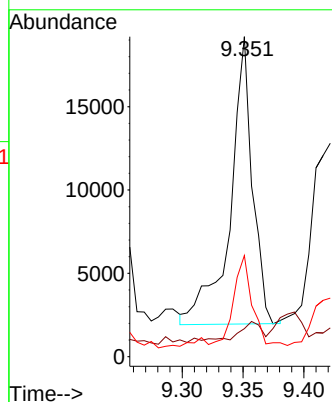
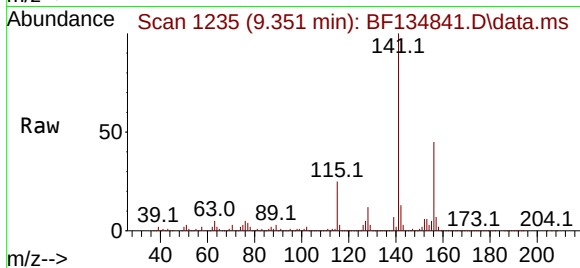
Tgt Ion: 65 Resp: 21971

Ion Ratio Lower Upper

65 100

92 8.8 50.7 76.1#

138 31.6 78.2 117.4#



#49

Acenaphthylene

Concen: 13.790 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

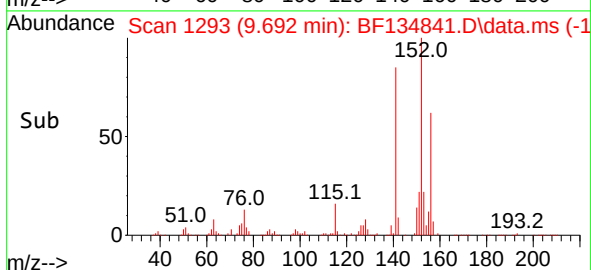
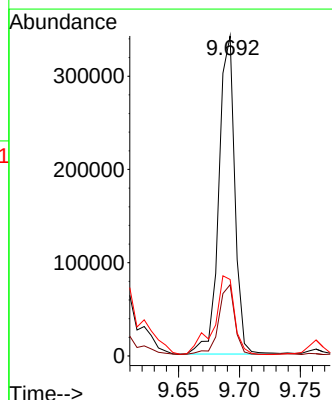
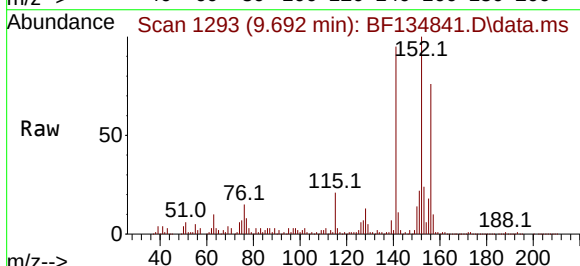
Tgt Ion: 152 Resp: 311193

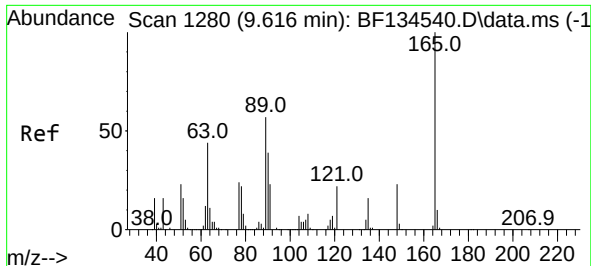
Ion Ratio Lower Upper

152 100

151 22.2 16.4 24.6

153 23.9 10.9 16.3#





#51

2,6-Dinitrotoluene

Concen: 6.606 ng

RT: 9.522 min Scan# 1

Delta R.T. -0.106 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

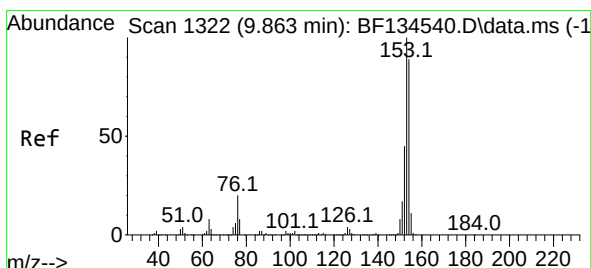
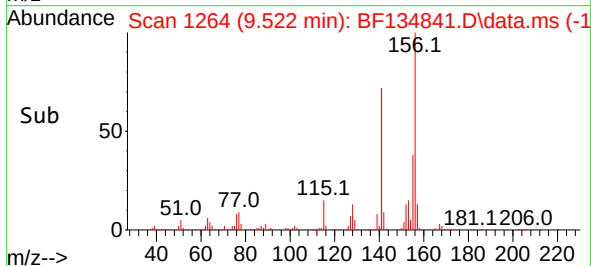
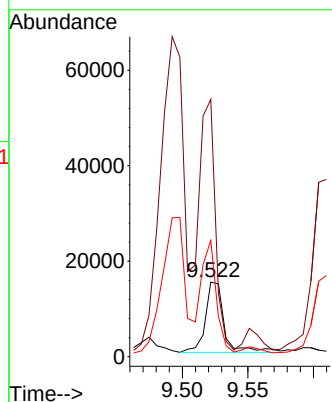
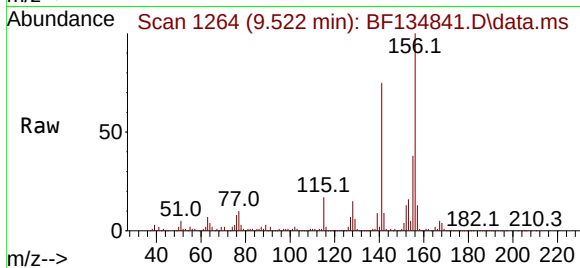
Tgt Ion:165 Resp: 14920

Ion Ratio Lower Upper

165 100

63 345.0 57.8 86.6#

89 155.7 51.8 77.8#



#52

Acenaphthene

Concen: 118.572 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

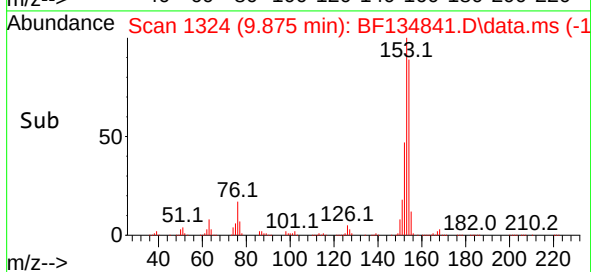
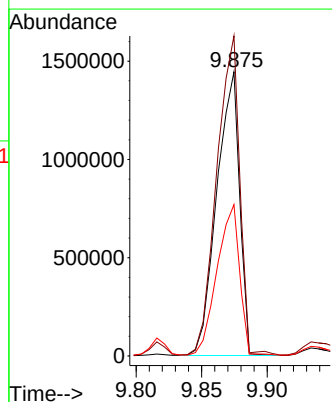
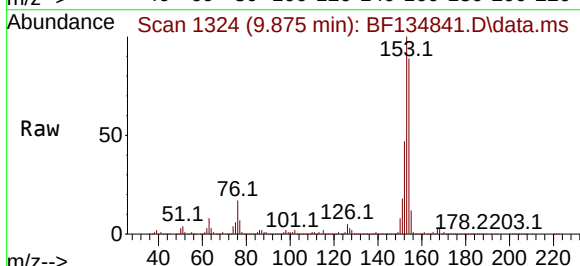
Tgt Ion:154 Resp: 1734034

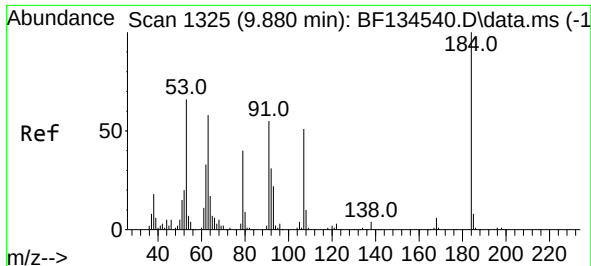
Ion Ratio Lower Upper

154 100

153 112.6 90.0 135.0

152 53.3 42.4 63.6

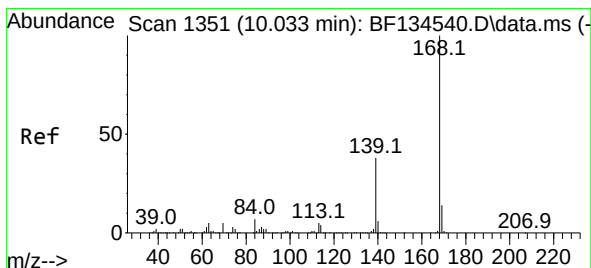
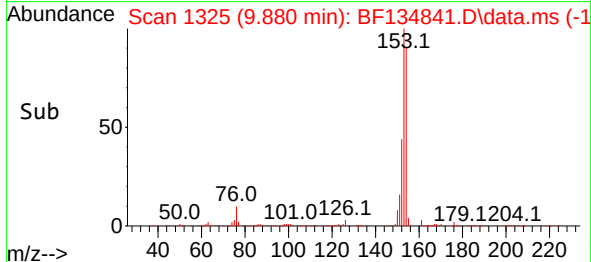
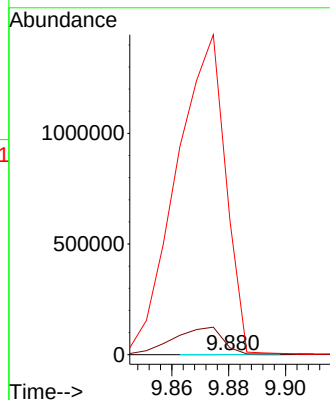
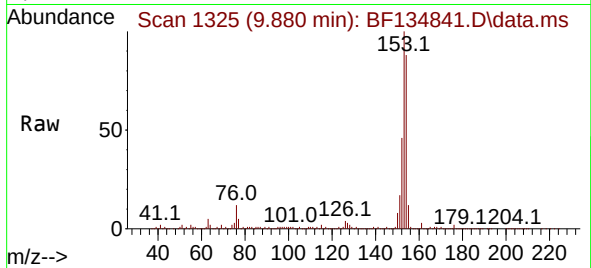




#54
2,4-Dinitrophenol
Concen: 7.231 ng
RT: 9.880 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

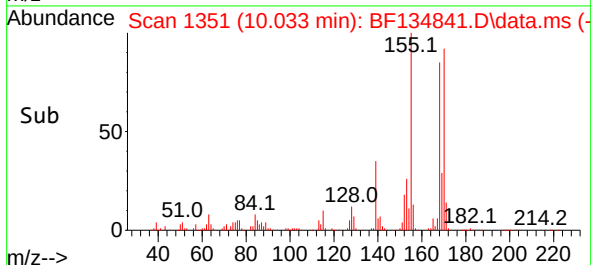
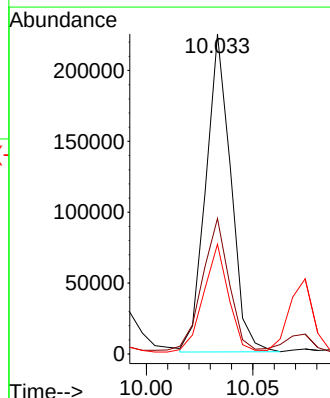
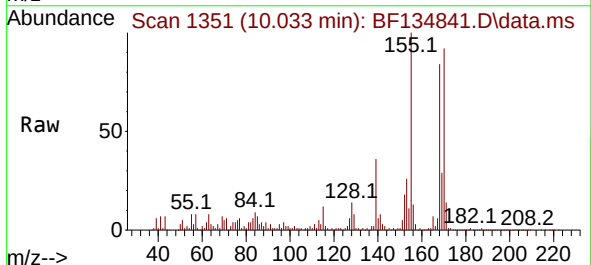
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

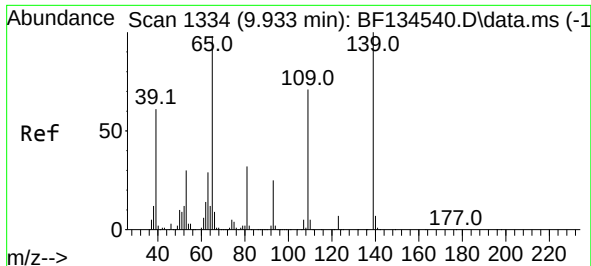
Tgt Ion:184 Resp: 461
Ion Ratio Lower Upper
184 100
63 6434.6 57.1 85.7#
154 124668.3 59.1 88.7#



#55
Dibenzofuran
Concen: 8.801 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

Tgt Ion:168 Resp: 183227
Ion Ratio Lower Upper
168 100
139 42.3 33.4 50.2
169 34.3 10.6 15.8#

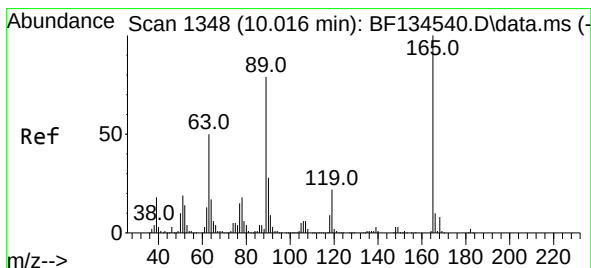
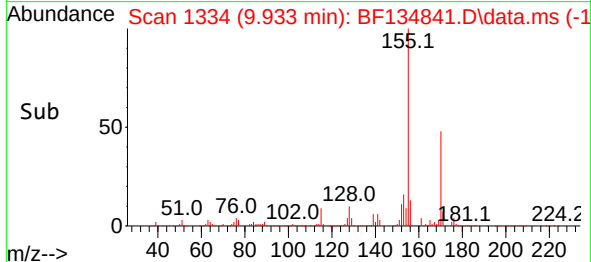
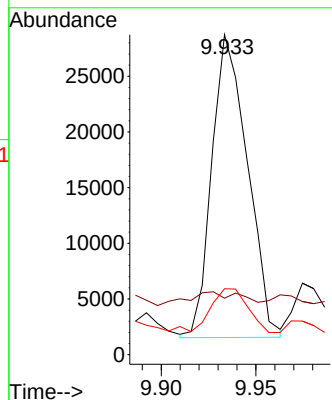
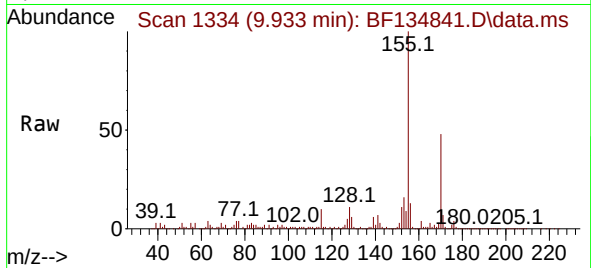




#56
4-Nitrophenol
Concen: 11.650 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

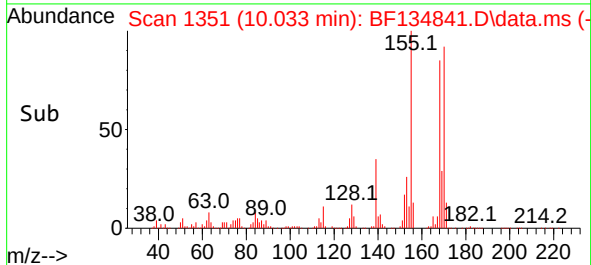
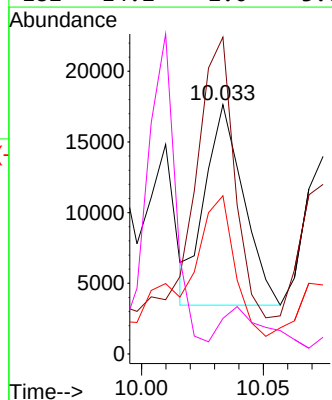
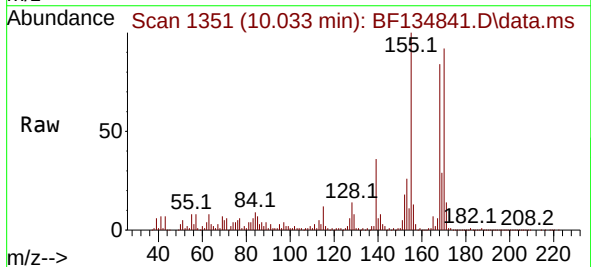
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

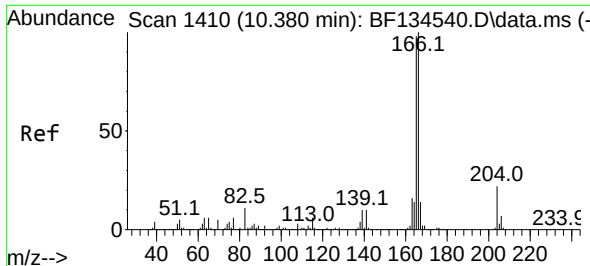
Tgt Ion:139 Resp: 35663
Ion Ratio Lower Upper
139 100
109 17.6 76.9 116.9#
65 20.6 98.5 138.5#



#57
2,4-Dinitrotoluene
Concen: 6.375 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

Tgt Ion:165 Resp: 15571
Ion Ratio Lower Upper
165 100
63 127.1 48.9 73.3#
89 63.5 61.7 92.5
182 14.2 2.0 3.0#

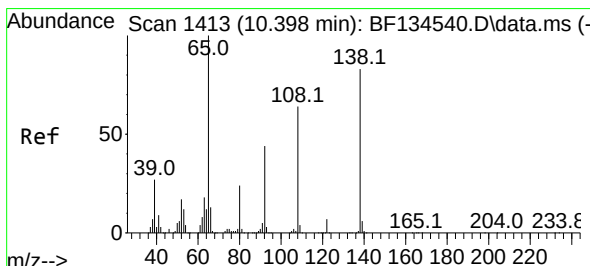
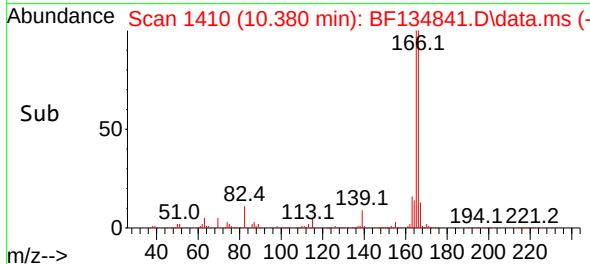
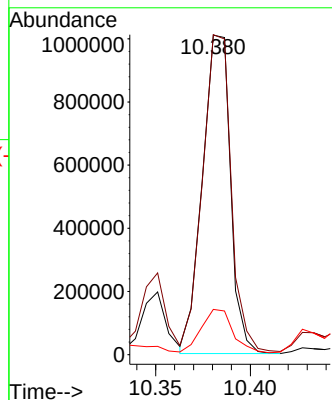
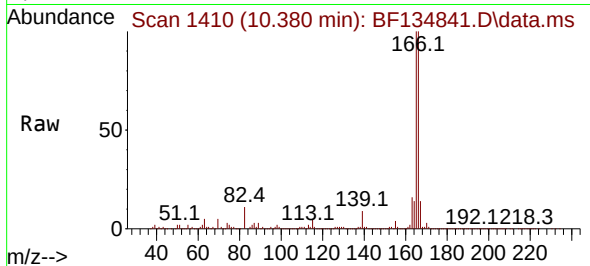




#58
 Fluorene
 Concen: 68.487 ng
 RT: 10.380 min Scan# 1410
 Delta R.T. -0.006 min
 Lab File: BF134841.D
 Acq: 18 Aug 2023 15:34

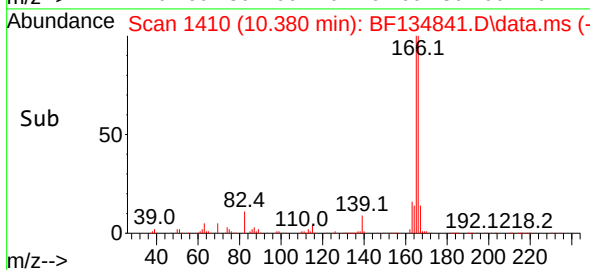
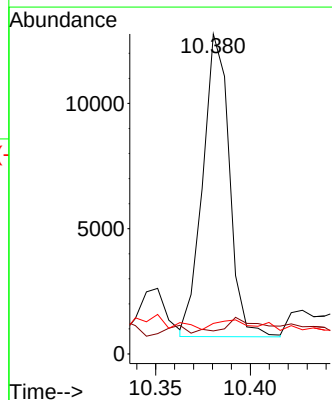
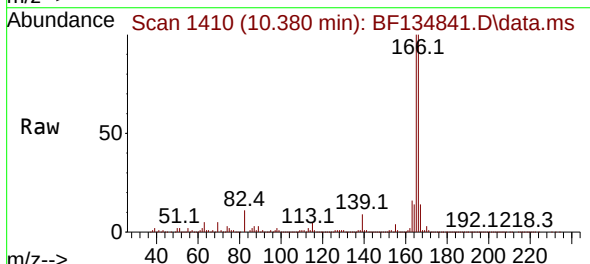
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB05-Z26-27

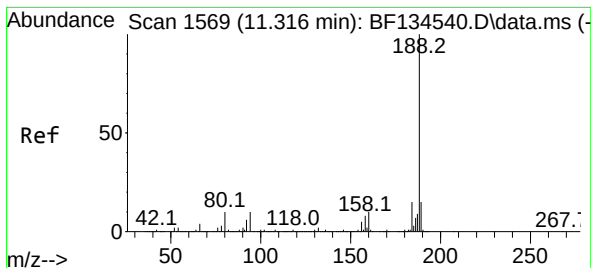
Tgt Ion:166 Resp: 1038527
 Ion Ratio Lower Upper
 166 100
 165 100.1 74.5 111.7
 167 14.2 10.6 16.0



#62
 4-Nitroaniline
 Concen: 3.210 ng
 RT: 10.380 min Scan# 1410
 Delta R.T. -0.029 min
 Lab File: BF134841.D
 Acq: 18 Aug 2023 15:34

Tgt Ion:138 Resp: 11778
 Ion Ratio Lower Upper
 138 100
 92 7.2 27.0 67.0#
 108 9.6 70.4 110.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

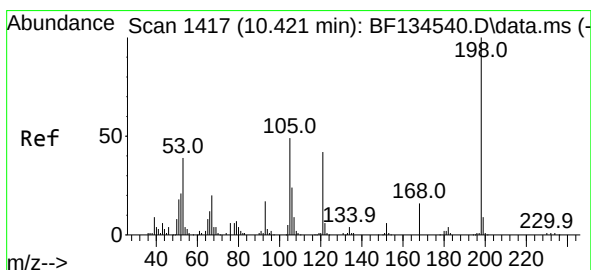
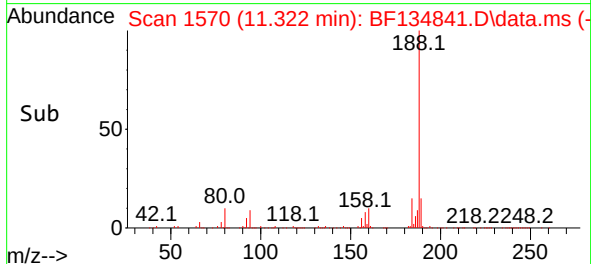
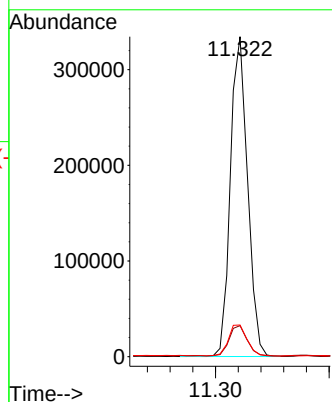
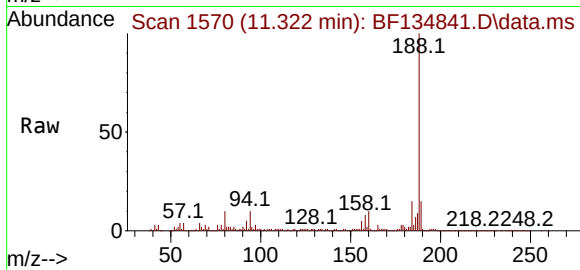
Tgt Ion:188 Resp: 350678

Ion Ratio Lower Upper

188 100

94 9.7 5.1 7.7#

80 9.9 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 9.133 ng

RT: 10.439 min Scan# 1420

Delta R.T. 0.000 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

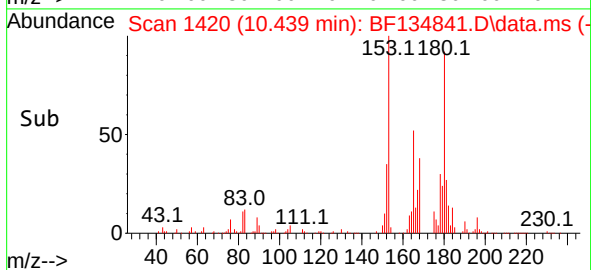
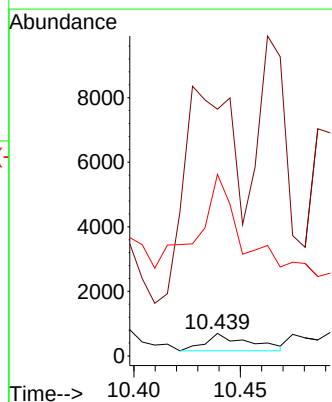
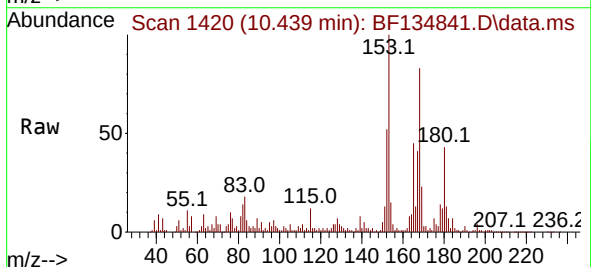
Tgt Ion:198 Resp: 752

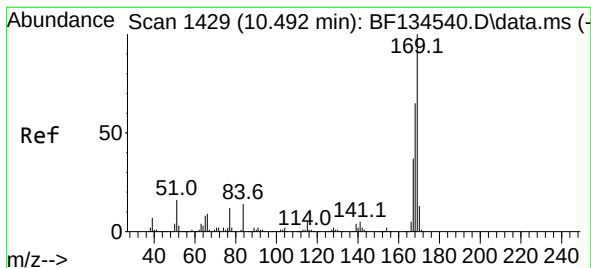
Ion Ratio Lower Upper

198 100

51 1094.8 38.6 78.6#

105 805.6 27.9 67.9#





#66

n-Nitrosodiphenylamine

Concen: 4.361 ng

RT: 10.492 min Scan# 1429

Delta R.T. -0.012 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

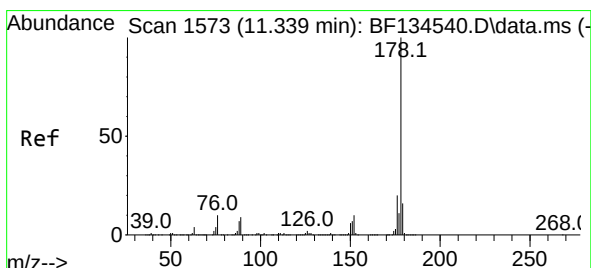
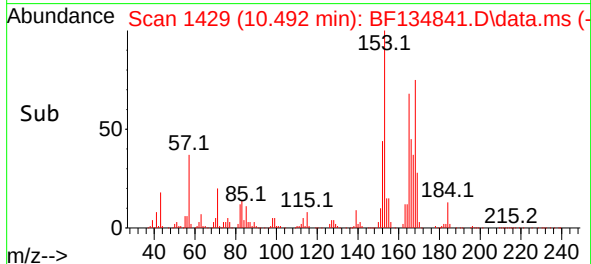
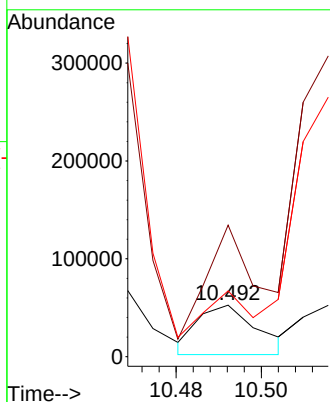
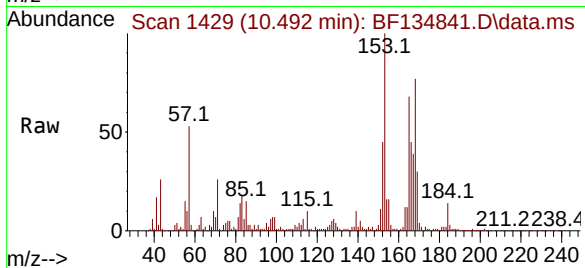
Tgt Ion:169 Resp: 48674

Ion Ratio Lower Upper

169 100

168 254.9 52.6 78.8#

167 127.4 29.8 44.8#



#71

Phenanthrene

Concen: 159.727 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

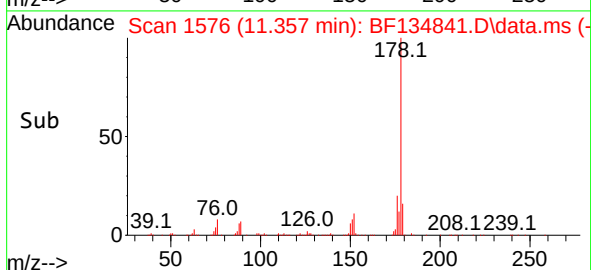
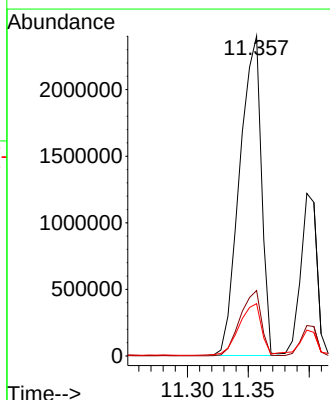
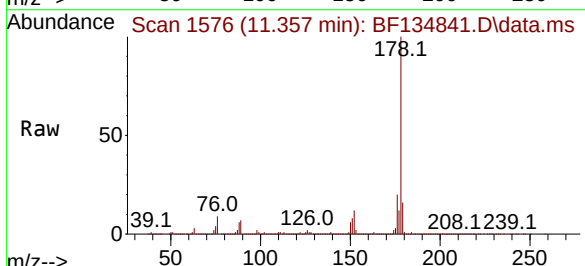
Tgt Ion:178 Resp: 2975176

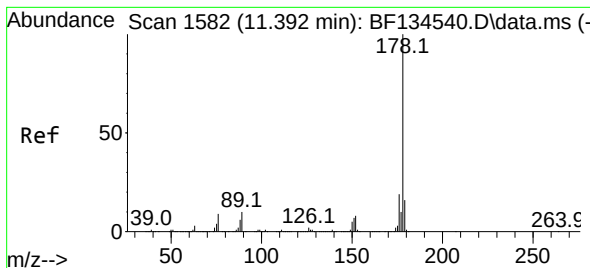
Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.6

179 16.3 12.7 19.1





#72

Anthracene

Concen: 58.009 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

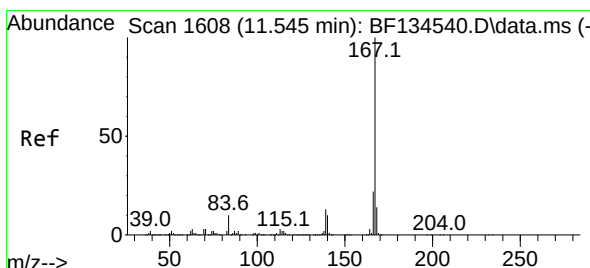
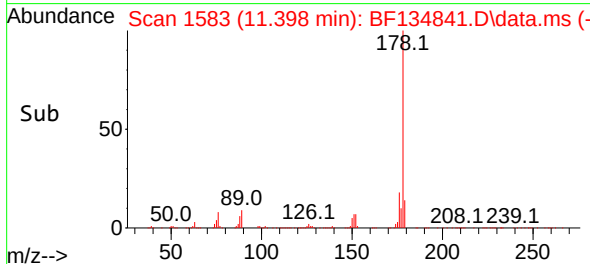
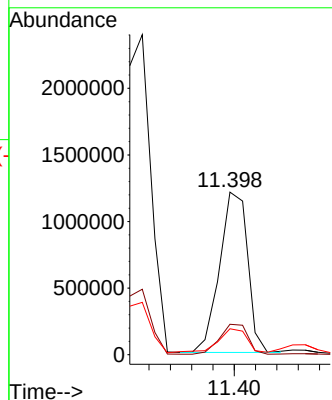
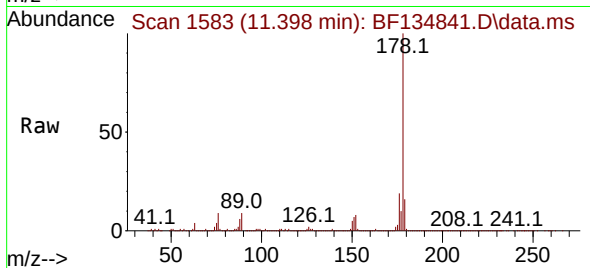
Tgt Ion:178 Resp: 1103686

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

179 15.9 12.3 18.5



#73

Carbazole

Concen: 2.430 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

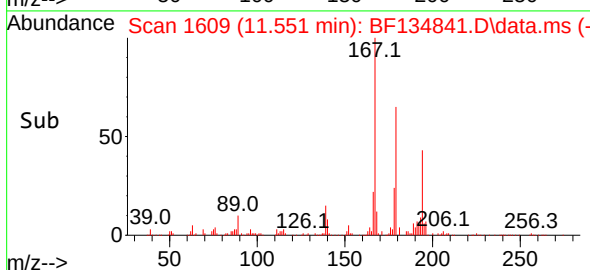
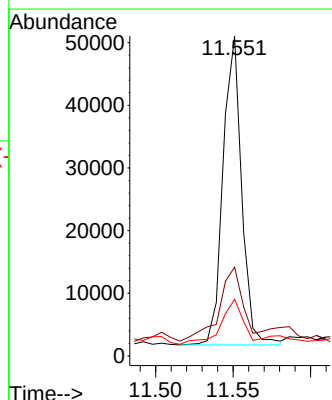
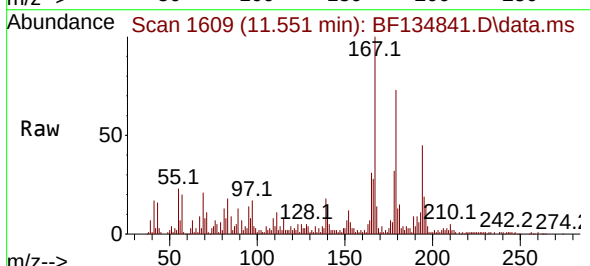
Tgt Ion:167 Resp: 41288

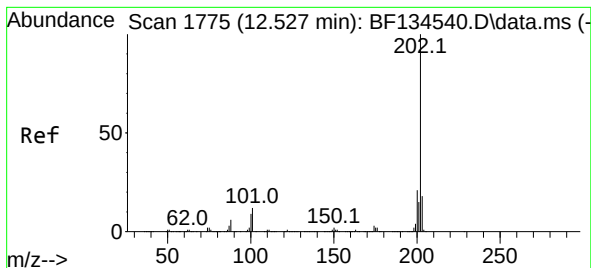
Ion Ratio Lower Upper

167 100

166 27.8 17.5 26.3#

139 17.7 11.0 16.4#





#75

Fluoranthene

Concen: 60.950 ng

RT: 12.539 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

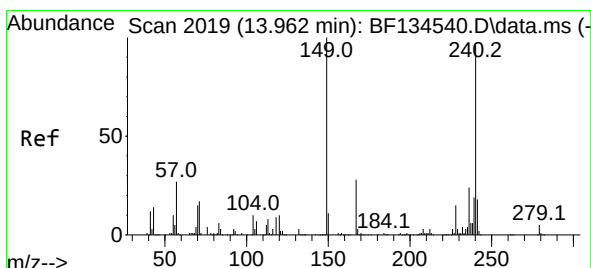
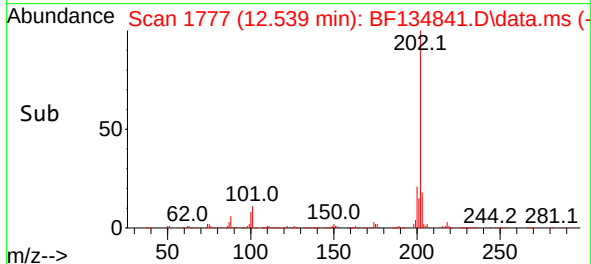
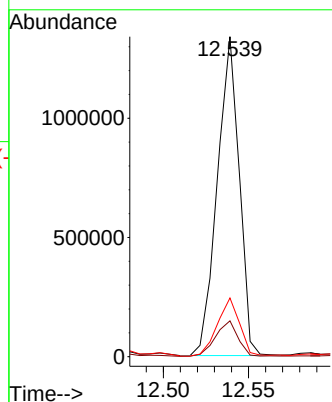
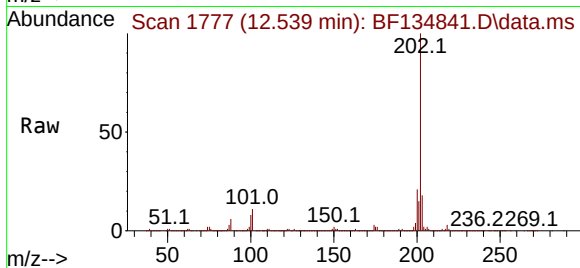
Tgt Ion:202 Resp: 1199231

Ion Ratio Lower Upper

202 100

101 11.2 0.0 28.5

203 18.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

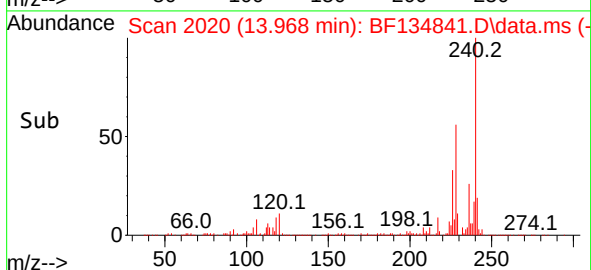
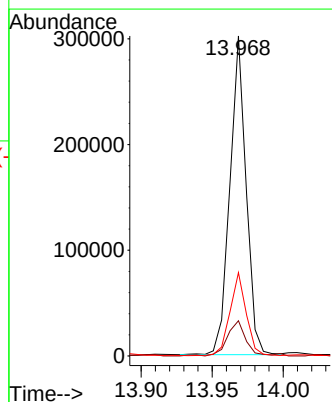
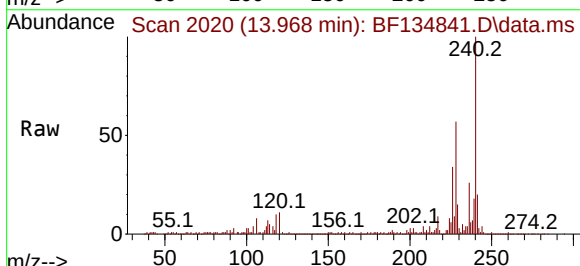
Tgt Ion:240 Resp: 240527

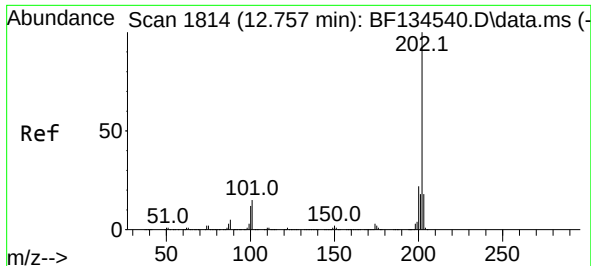
Ion Ratio Lower Upper

240 100

120 11.0 6.6 10.0#

236 26.1 20.2 30.2

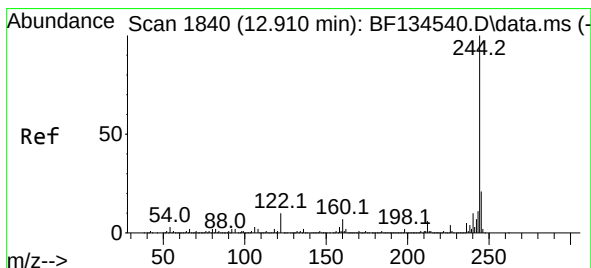
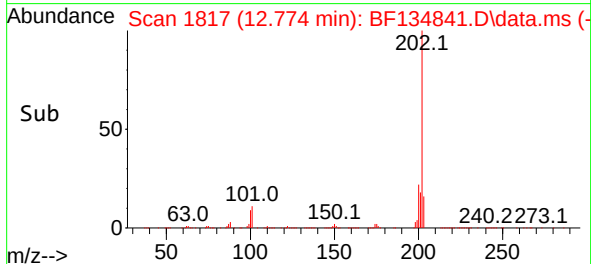
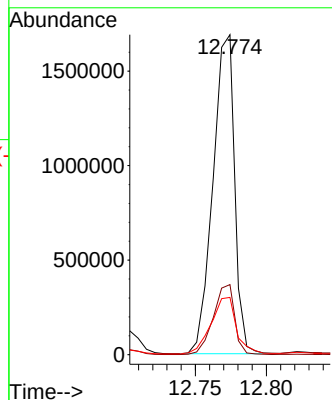
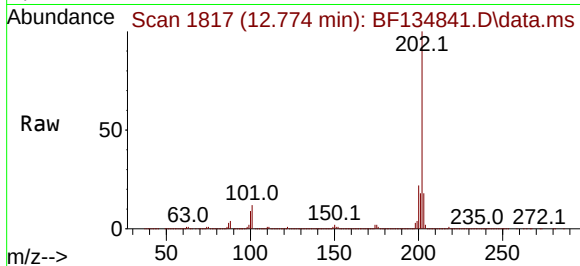




#78
Pyrene
Concen: 86.083 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

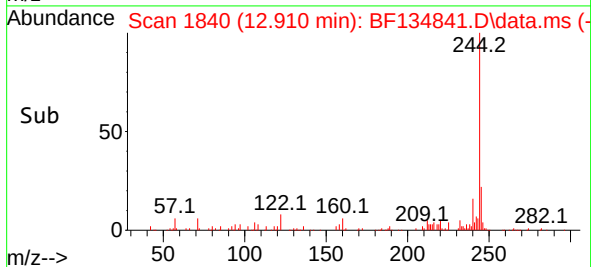
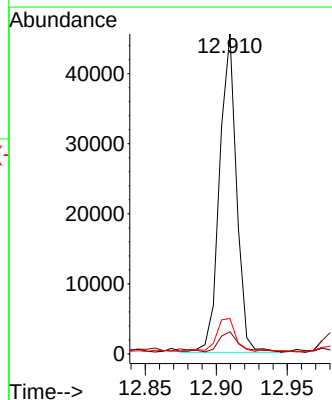
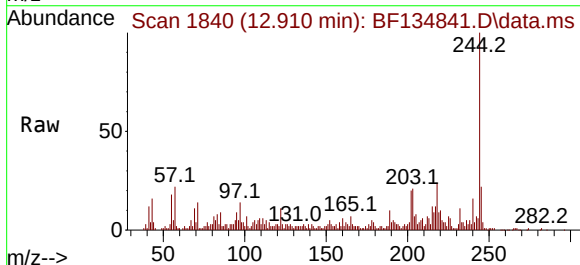
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

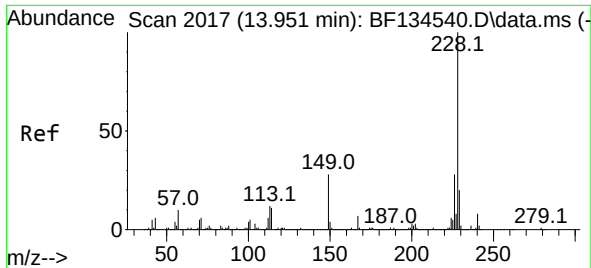
Tgt Ion:202 Resp: 1791656
Ion Ratio Lower Upper
202 100
200 21.9 15.8 23.8
203 17.9 13.5 20.3



#79
Terphenyl-d14
Concen: 2.773 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF134841.D
Acq: 18 Aug 2023 15:34

Tgt Ion:244 Resp: 37829
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.1 8.0 12.0





#81

Benzo(a)anthracene

Concen: 38.007 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.035 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

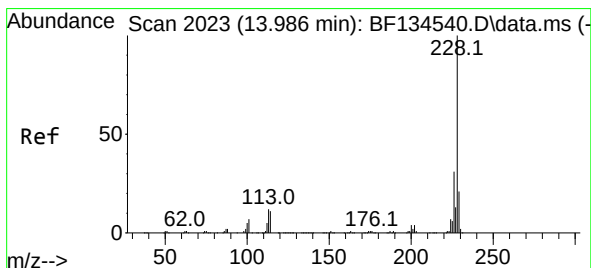
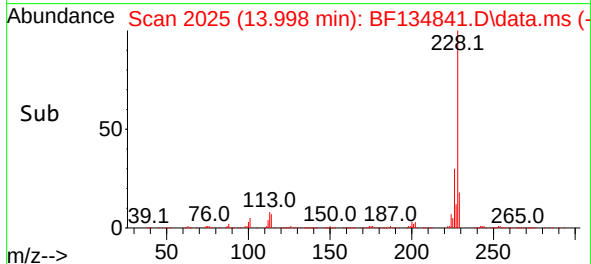
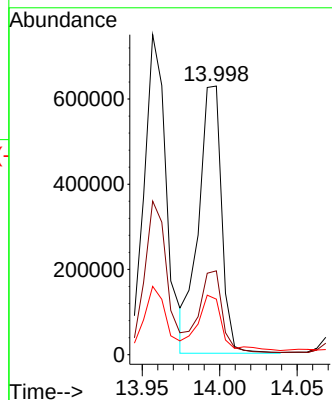
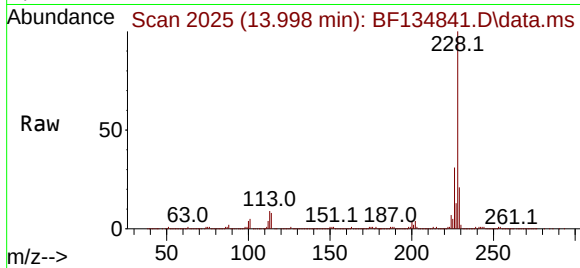
Tgt Ion:228 Resp: 653679

Ion Ratio Lower Upper

228 100

226 31.2 22.3 33.5

229 20.7 15.8 23.6



#83

Chrysene

Concen: 39.011 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

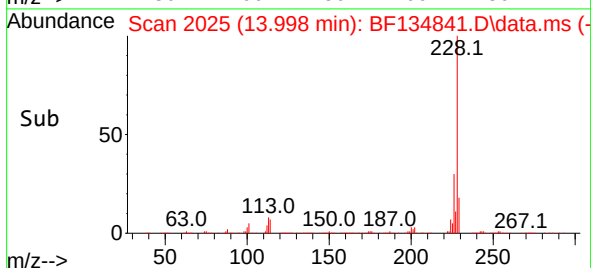
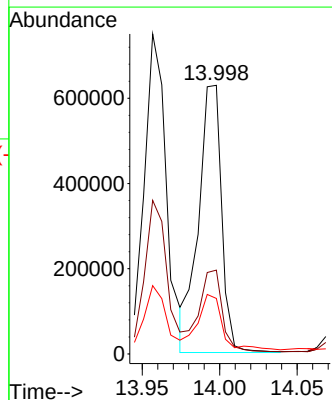
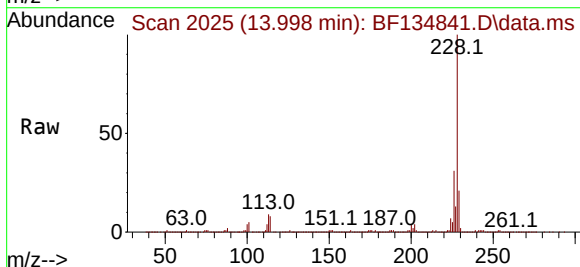
Tgt Ion:228 Resp: 653679

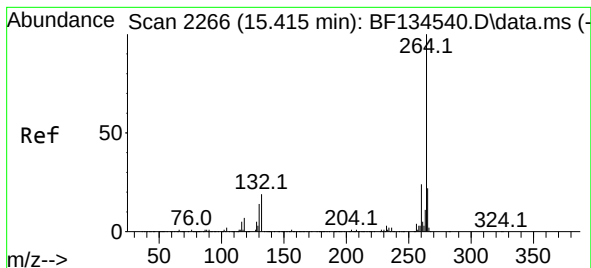
Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

229 20.7 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

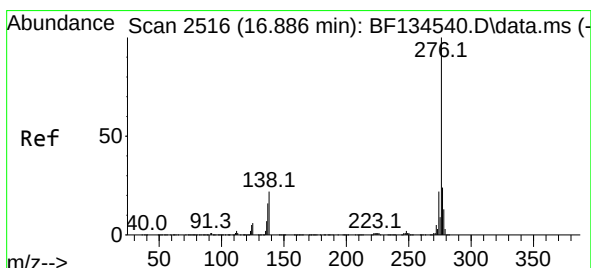
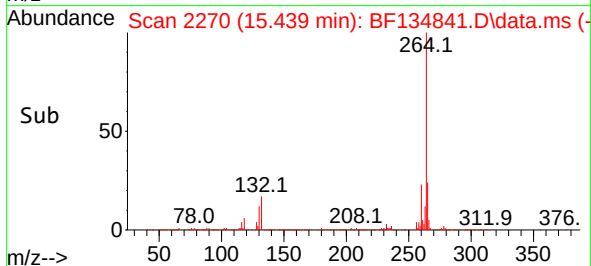
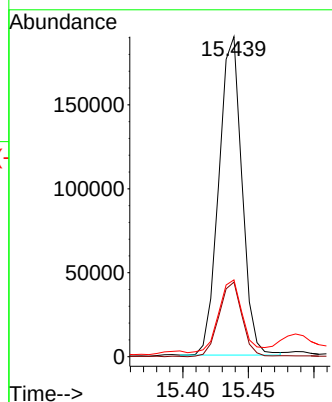
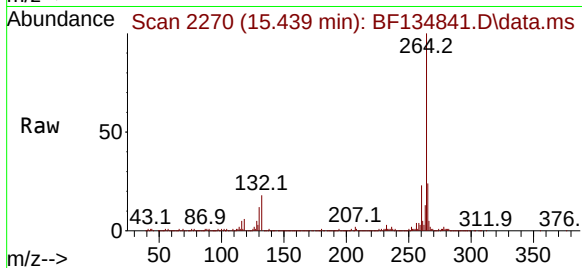
Tgt Ion:264 Resp: 231988

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 24.0 15.8 23.8#



#87

Indeno(1,2,3-cd)pyrene

Concen: 10.199 ng

RT: 16.915 min Scan# 2521

Delta R.T. -0.012 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

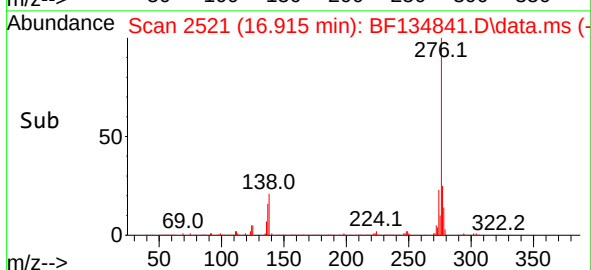
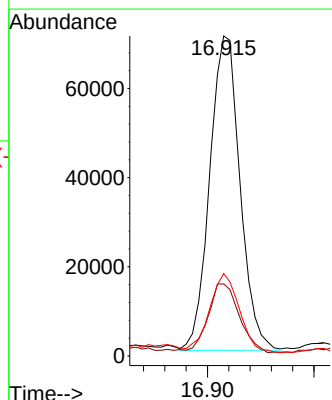
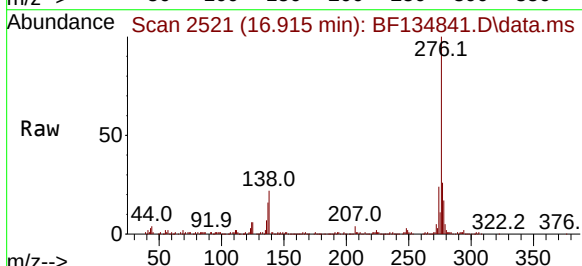
Tgt Ion:276 Resp: 139157

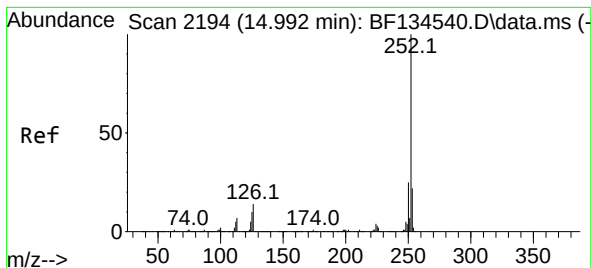
Ion Ratio Lower Upper

276 100

138 22.1 14.2 21.4#

277 24.8 19.9 29.9





#88

Benzo(b)fluoranthene

Concen: 41.254 ng

RT: 15.010 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

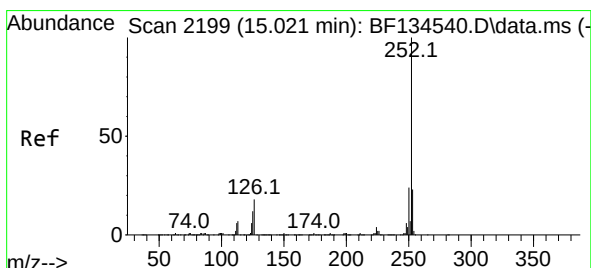
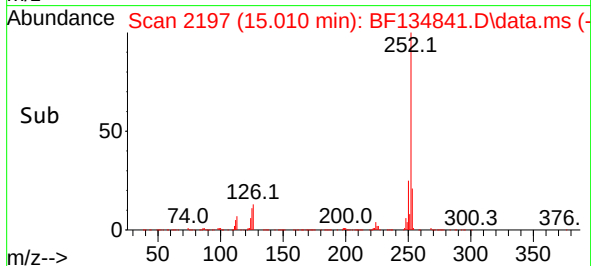
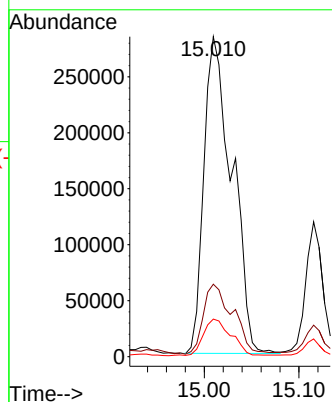
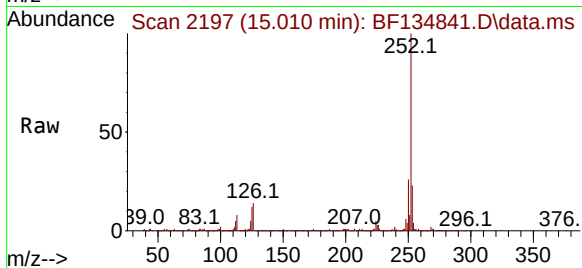
Tgt Ion:252 Resp: 583686

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: 41.412 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.029 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

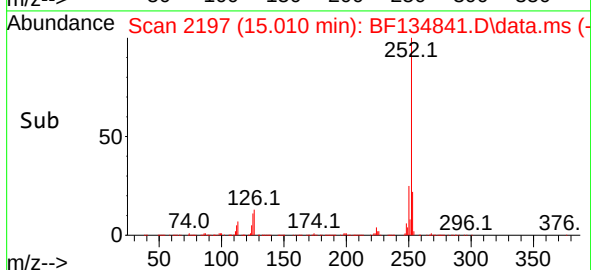
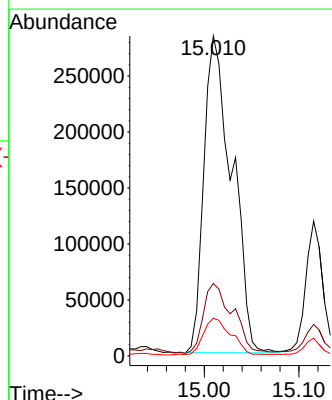
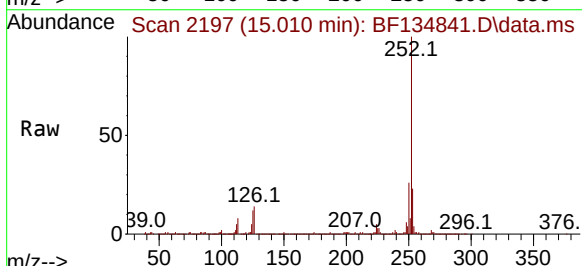
Tgt Ion:252 Resp: 583686

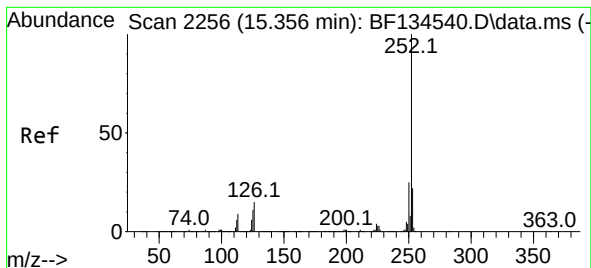
Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 11.7 6.3 9.5#





#90

Benzo(a)pyrene

Concen: 38.206 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

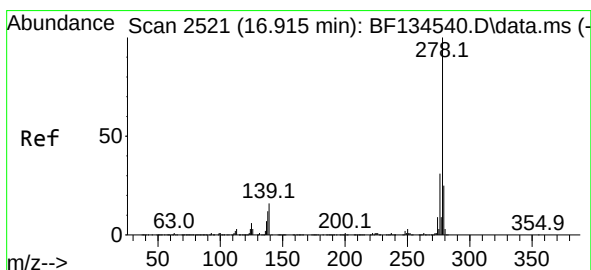
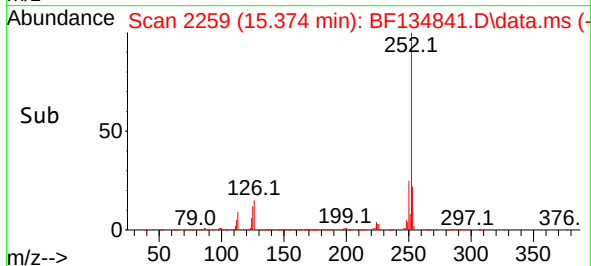
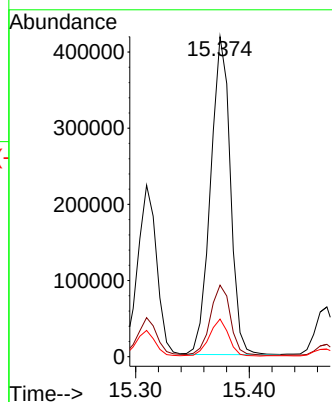
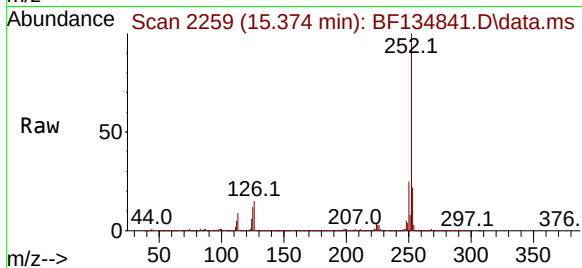
Tgt Ion:252 Resp: 504020

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 11.7 6.2 9.4#



#91

Dibenzo(a,h)anthracene

Concen: 3.423 ng

RT: 16.927 min Scan# 2523

Delta R.T. -0.023 min

Lab File: BF134841.D

Acq: 18 Aug 2023 15:34

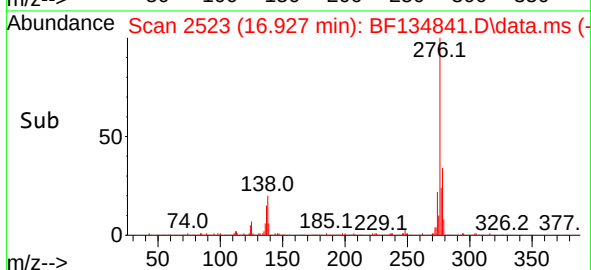
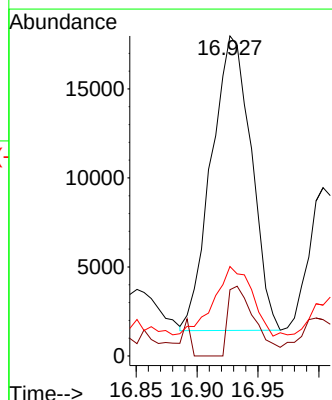
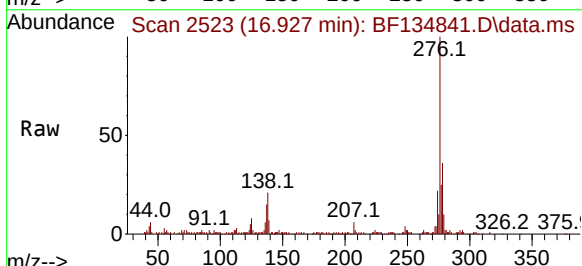
Tgt Ion:278 Resp: 37747

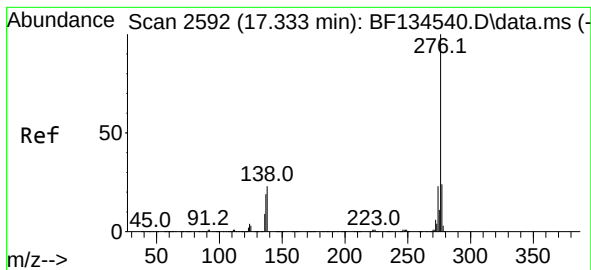
Ion Ratio Lower Upper

278 100

139 20.7 10.0 15.0#

279 28.0 19.7 29.5





#92

Benzo(g,h,i)perylene

Concen: 13.348 ng

RT: 17.362 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134841.D

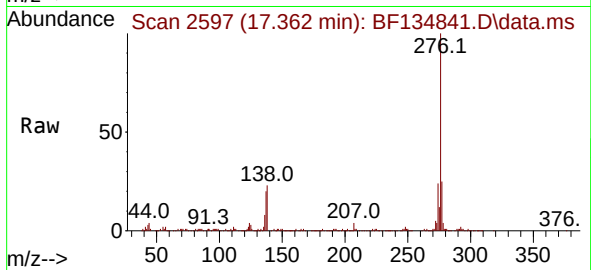
Acq: 18 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27



Tgt Ion:276 Resp: 150135

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.6

138 23.0 12.2 18.2#

