

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134911.D
 Acq On : 23 Aug 2023 18:46
 Operator : CG\JU
 Sample : 04093-02 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z52-53

Quant Time: Aug 24 04:29:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	125321	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	184669	20.000	ng	# 0.02
39) Acenaphthene-d10	9.845	164	188134	20.000	ng	0.01
64) Phenanthrene-d10	11.339	188	302311	20.000	ng	0.01
76) Chrysene-d12	14.004	240	206142	20.000	ng	0.02
86) Perylene-d12	15.474	264	189948	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	42403	5.396	ng	0.00
7) Phenol-d6	6.434	99	58586	5.834	ng	0.00
23) Nitrobenzene-d5	7.322	82	6115	1.825	ng	-0.04
42) 2,4,6-Tribromophenol	10.633	330	6593	2.976	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	71576	5.881	ng	0.00
79) Terphenyl-d14	12.933	244	74272	4.956	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.363	77	255678	46.422	ng	# 1
15) Benzyl Alcohol	6.998	79	22234	3.187	ng	# 1
18) Hexachloroethane	7.334	117	274137	87.992	ng	# 1
20) 3+4-Methylphenols	7.192	107	2144	Below Cal		# 1
22) Acetophenone	7.192	105	111544	27.328	ng	# 51
24) Nitrobenzene	7.416	77	38877	11.561	ng	# 9
28) bis(2-Chloroethoxy)met...	7.834	93	16165	4.334	ng	# 70
31) Naphthalene	8.181	128	21193295	2298.358	ng	# 92
32) Benzoic acid	7.875	122	5346	2.653	ng	# 1
33) 4-Chloroaniline	8.187	127	3298655	833.759	ng	# 37
35) Caprolactam	8.551	113	4919	5.841	ng	# 1
37) 2-Methylnaphthalene	8.845	142	7285271	1184.711	ng	98
38) 1-Methylnaphthalene	8.939	142	4828517	839.721	ng	99
46) 1,1'-Biphenyl	9.269	154	1863715	125.479	ng	99
48) 2-Nitroaniline	9.369	65	51561	14.141	ng	# 29
49) Acenaphthylene	9.710	152	1174562	68.761	ng	# 88
51) 2,6-Dinitrotoluene	9.539	165	27846	9.428	ng	# 1
52) Acenaphthene	9.904	154	3445988	320.223	ng	99
55) Dibenzofuran	10.051	168	457034	29.171	ng	# 79
56) 4-Nitrophenol	9.951	139	57539	25.594	ng	# 29
57) 2,4-Dinitrotoluene	10.051	165	37129	10.165	ng	# 52
58) Fluorene	10.410	166	2424682	204.044	ng	97
62) 4-Nitroaniline	10.410	138	30278	10.040	ng	# 27
66) n-Nitrosodiphenylamine	10.510	169	110181	11.318	ng	# 1
71) Phenanthrene	11.398	178	7284575	459.837	ng	97
72) Anthracene	11.398	178	7284575	448.798	ng	96
73) Carbazole	11.569	167	170376	12.738	ng	# 87
75) Fluoranthene	12.580	202	3939595	262.463	ng	98
78) Pyrene	12.816	202	5390379	246.627	ng	96
81) Benzo(a)anthracene	14.033	228	1935775	137.634	ng	91
83) Chrysene	14.033	228	1935775	139.495	ng	95
87) Indeno(1,2,3-cd)pyrene	16.974	276	492204	36.252	ng	96
88) Benzo(b)fluoranthene	15.051	252	1682742	157.020	ng	99
89) Benzo(k)fluoranthene	15.051	252	1682742	159.902	ng	96
90) Benzo(a)pyrene	15.421	252	1486241	138.923	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	146444	13.331	ng	93

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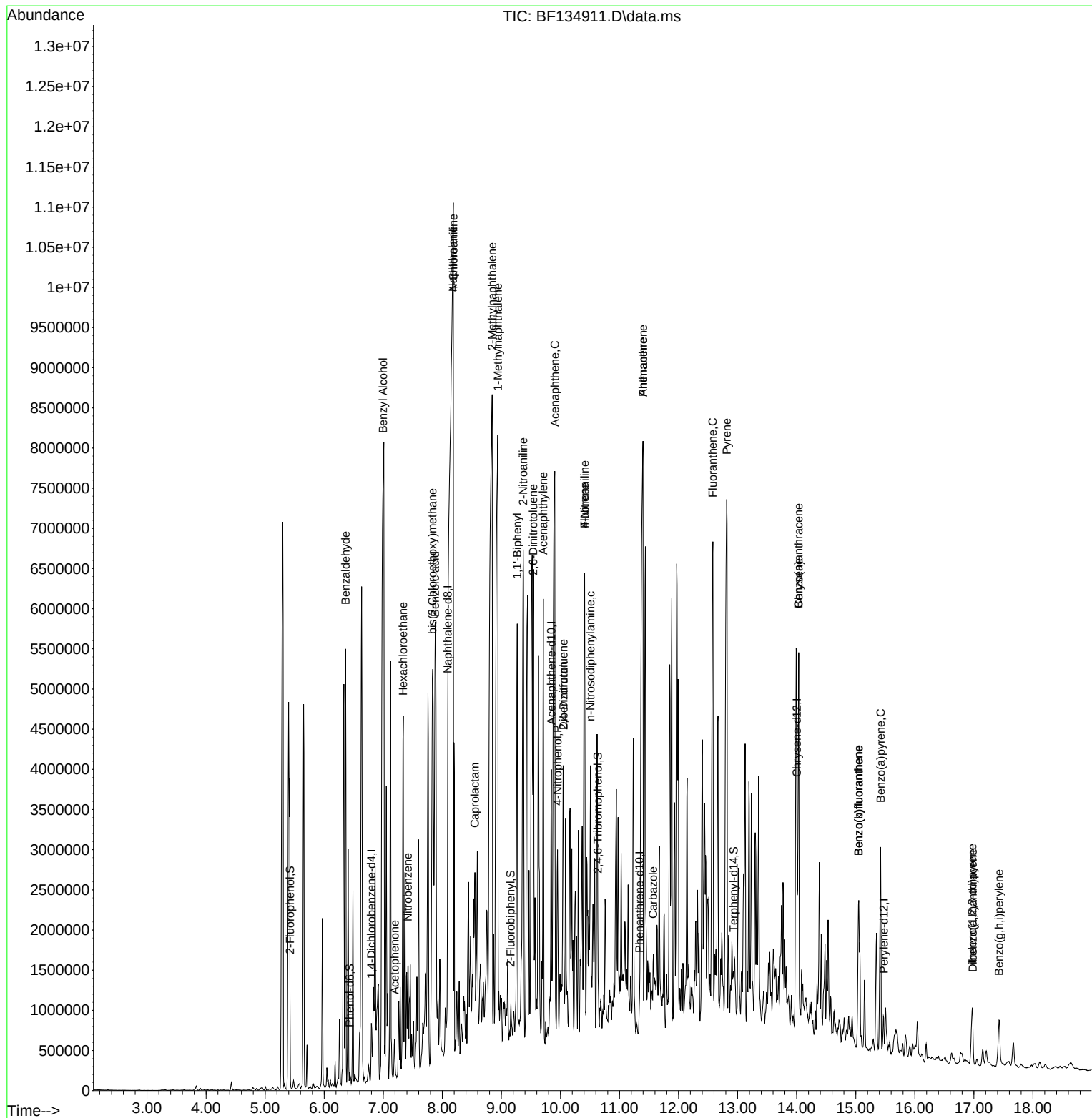
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Benzo(g,h,i)perylene	17.427	276	537669	47.811	ng	99

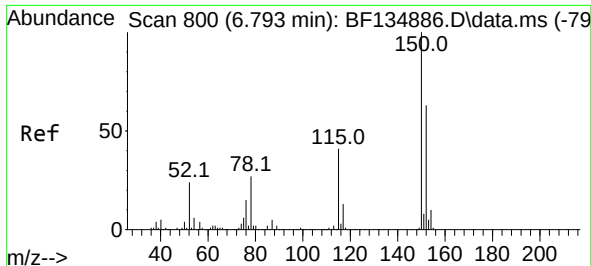
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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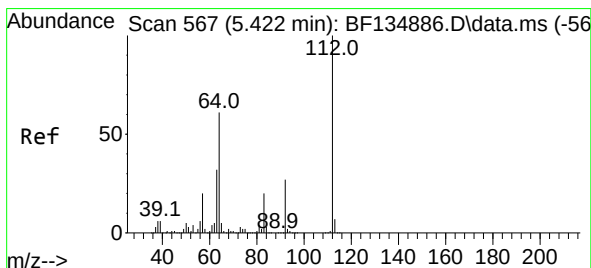
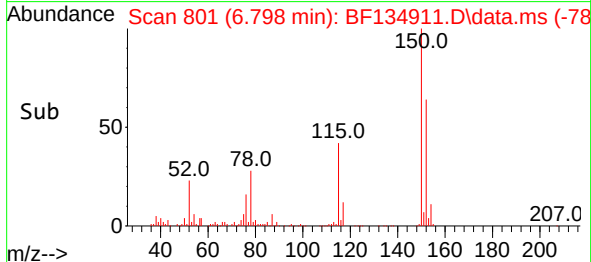
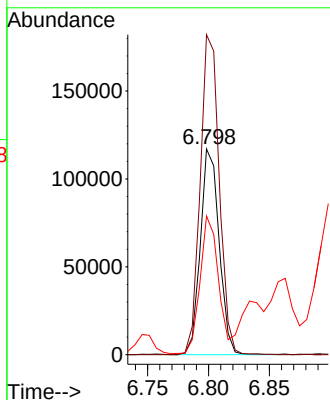
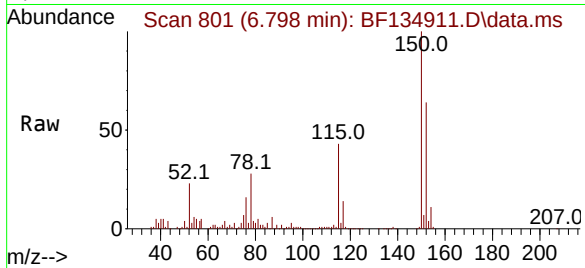




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.005 min
 Lab File: BF134911.D
 Acq: 23 Aug 2023 18:46

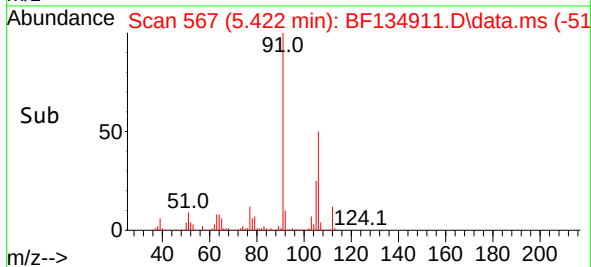
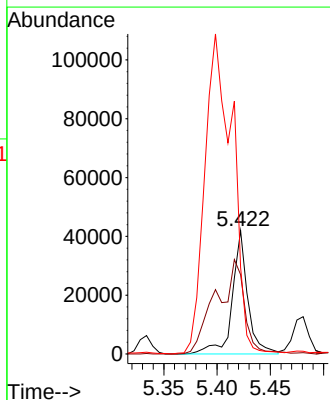
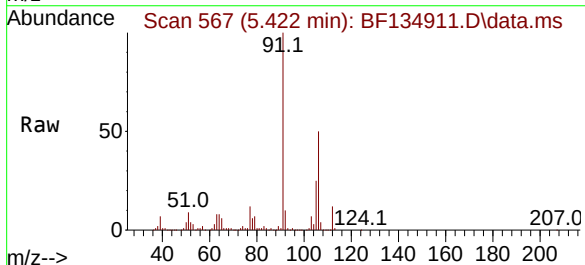
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z52-53

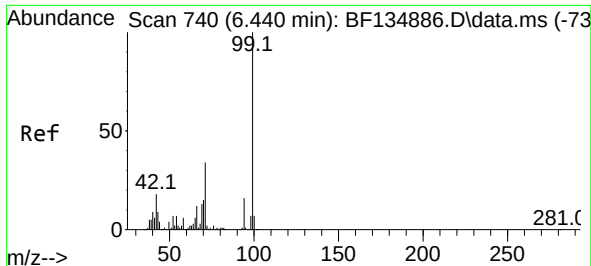
Tgt Ion:152 Resp: 125321
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.1 189.1
 115 67.4 51.1 76.7



#5
 2-Fluorophenol
 Concen: 5.396 ng
 RT: 5.422 min Scan# 567
 Delta R.T. -0.000 min
 Lab File: BF134911.D
 Acq: 23 Aug 2023 18:46

Tgt Ion:112 Resp: 42403
 Ion Ratio Lower Upper
 112 100
 64 64.3 48.6 73.0
 63 70.2 25.7 38.5#

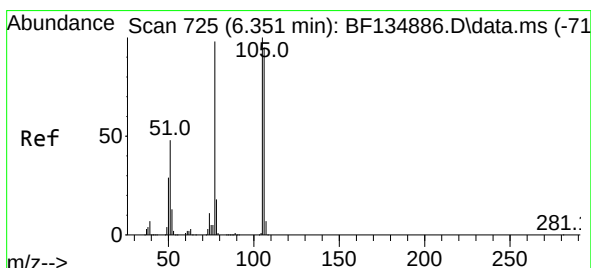
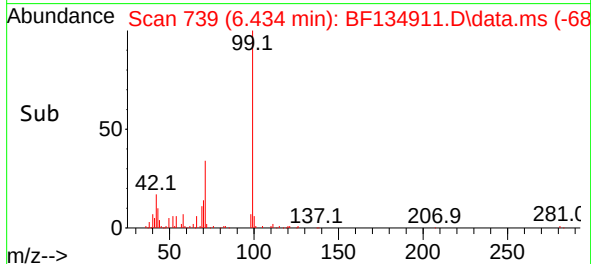
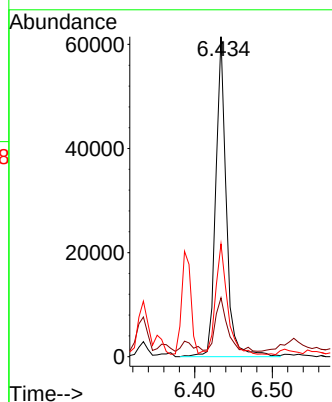
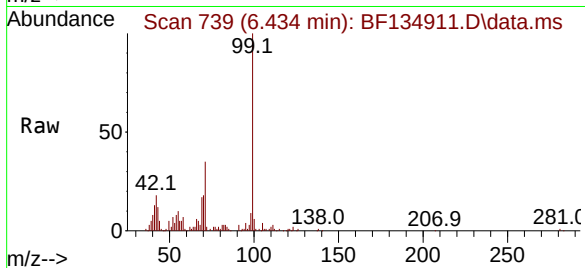




#7
Phenol-d6
Concen: 5.834 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

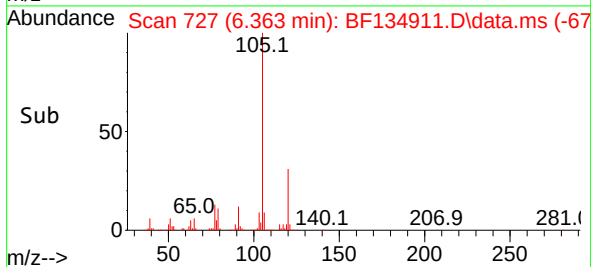
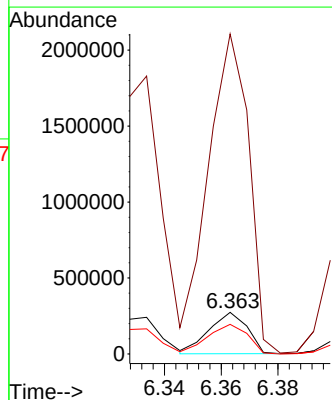
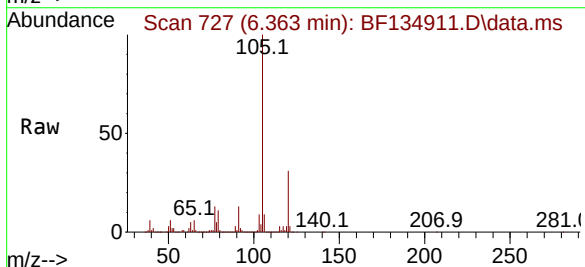
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

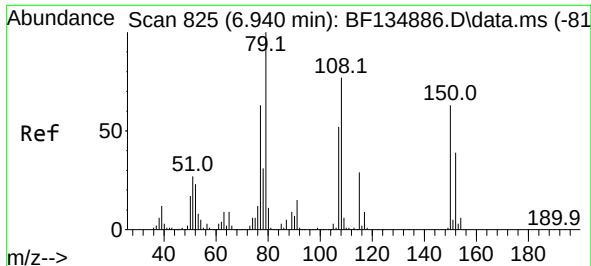
Tgt Ion:	99	Resp:	58586
Ion Ratio	Lower	Upper	
99	100		
42	18.4	14.6	22.0
71	35.2	27.6	41.4



#9
Benzaldehyde
Concen: 46.422 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.012 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

Tgt Ion:	77	Resp:	255678
Ion Ratio	Lower	Upper	
77	100		
105	770.1	82.4	122.4#
106	71.3	77.2	117.2#

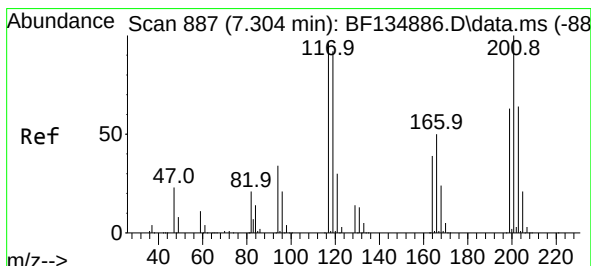
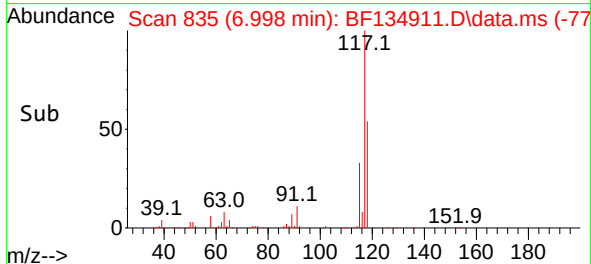
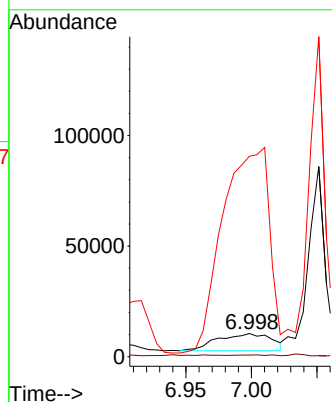
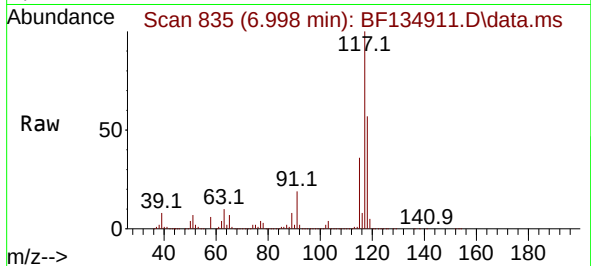




#15
Benzyl Alcohol
Concen: 3.187 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.058 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

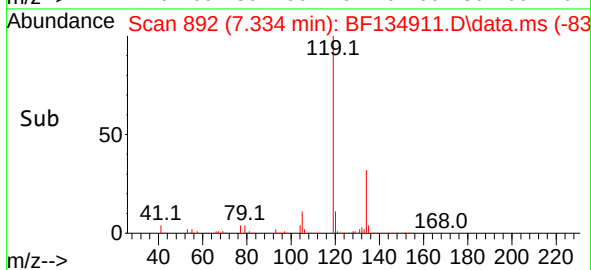
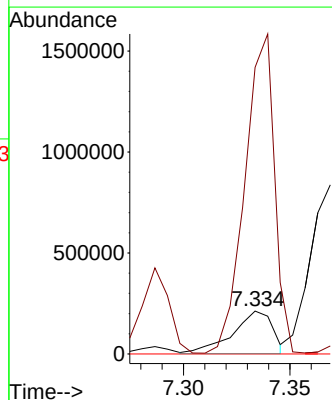
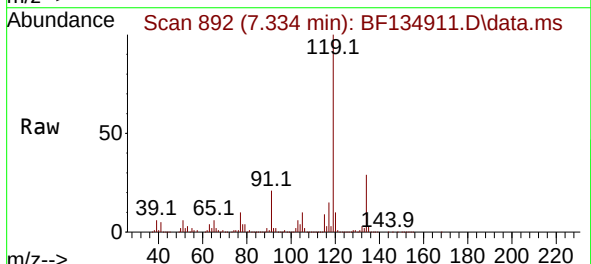
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

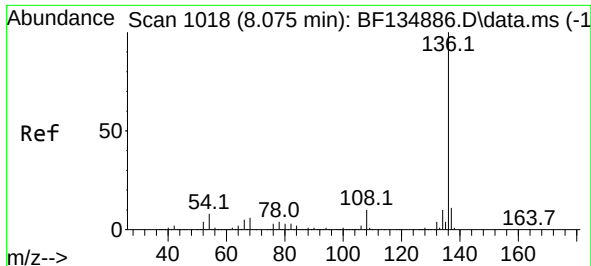
Tgt Ion: 79 Resp: 22234
Ion Ratio Lower Upper
79 100
108 6.9 61.4 92.2#
77 861.2 50.1 75.1#



#18
Hexachloroethane
Concen: 87.992 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.030 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

Tgt Ion: 117 Resp: 274137
Ion Ratio Lower Upper
117 100
119 666.7 76.6 114.8#
201 0.0 83.4 125.2#

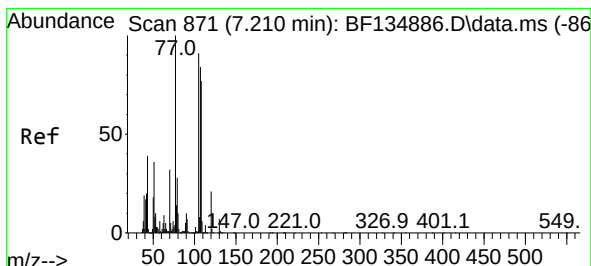
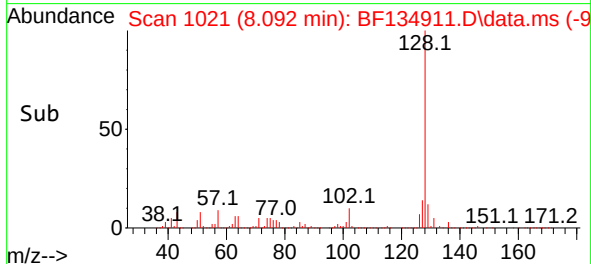
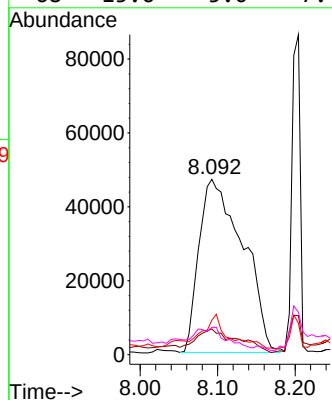
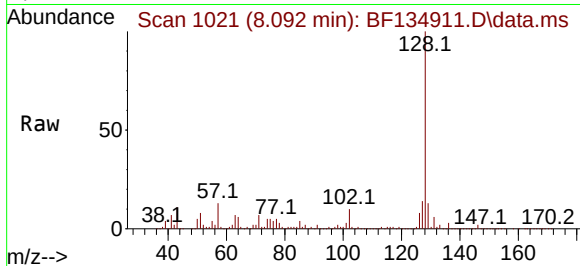




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1018
Delta R.T. 0.018 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

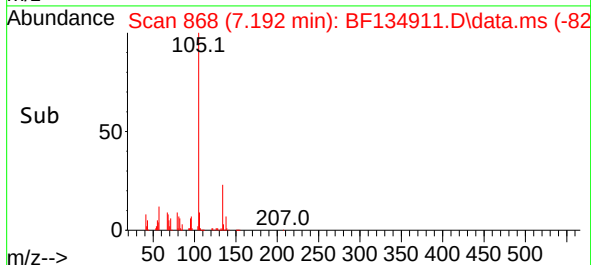
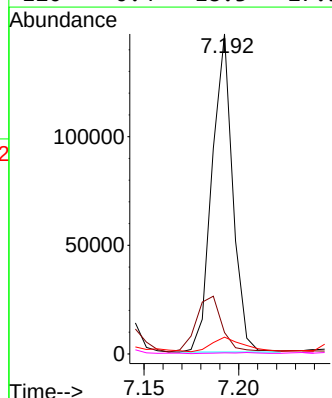
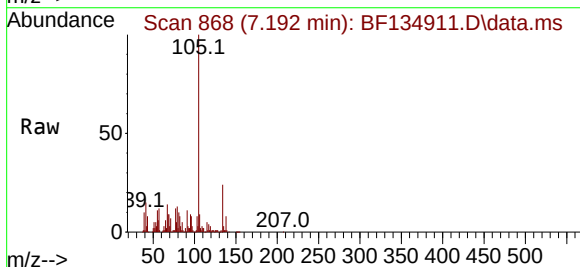
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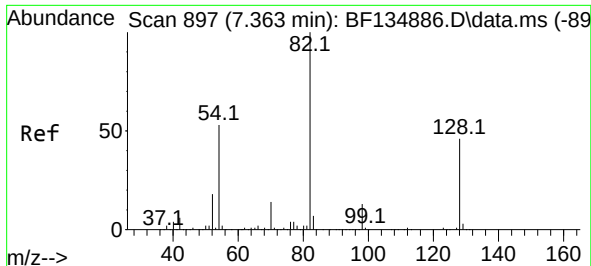
Tgt Ion:136 Resp: 184669
Ion Ratio Lower Upper
136 100
137 14.7 8.9 13.3#
54 19.7 6.6 9.8#
68 15.6 5.0 7.4#



#22
Acetophenone
Concen: 27.328 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

Tgt Ion:105 Resp: 111544
Ion Ratio Lower Upper
105 100
71 6.7 4.6 6.8
51 5.3 32.2 48.2#
120 0.4 18.3 27.5#





#23

Nitrobenzene-d5

Concen: 1.825 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.041 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

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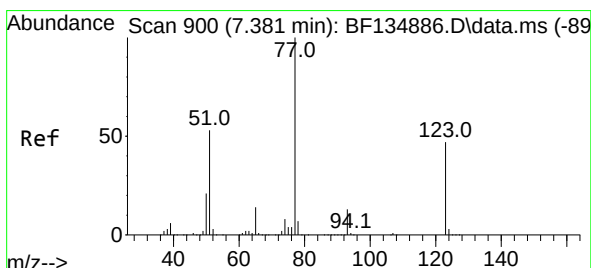
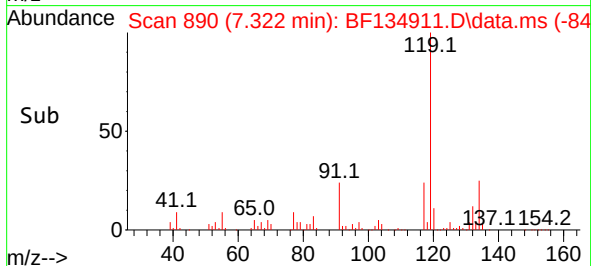
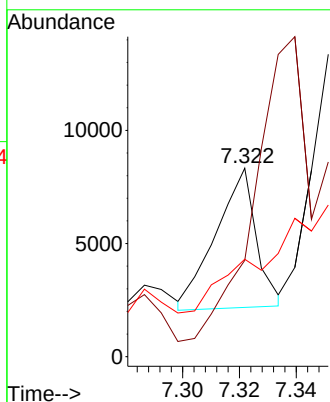
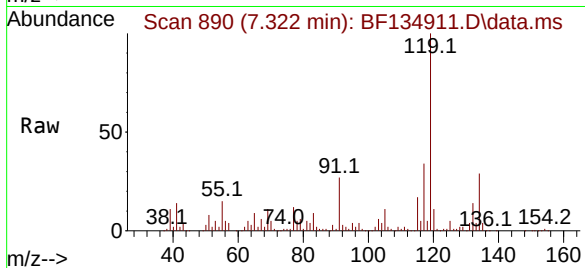
Tgt Ion: 82 Resp: 6115

Ion Ratio Lower Upper

82 100

128 51.1 36.6 54.8

54 51.7 42.6 63.8



#24

Nitrobenzene

Concen: 11.561 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.035 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

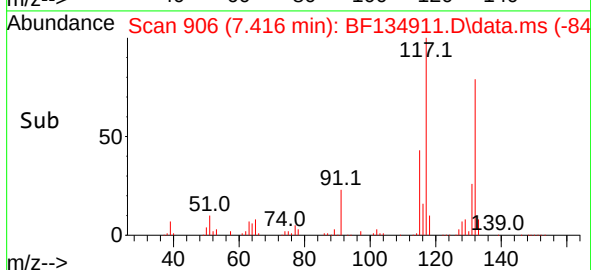
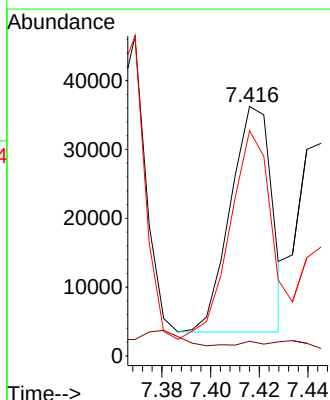
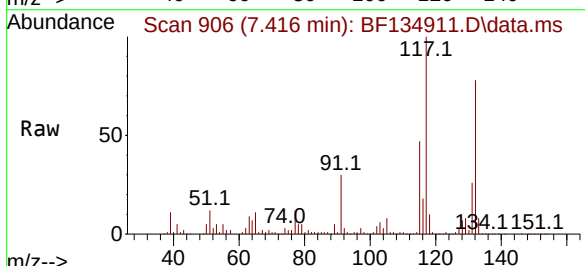
Tgt Ion: 77 Resp: 38877

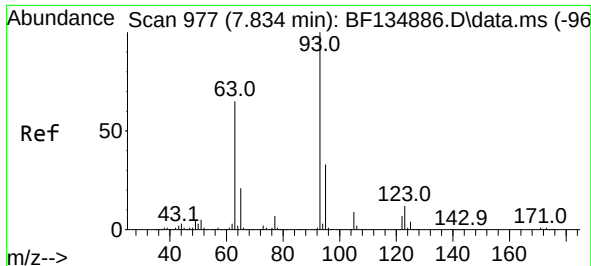
Ion Ratio Lower Upper

77 100

123 5.9 37.9 56.9#

65 90.3 11.1 16.7#

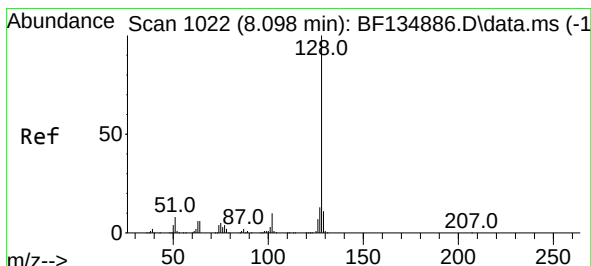
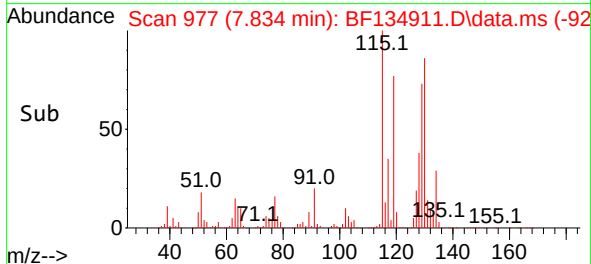
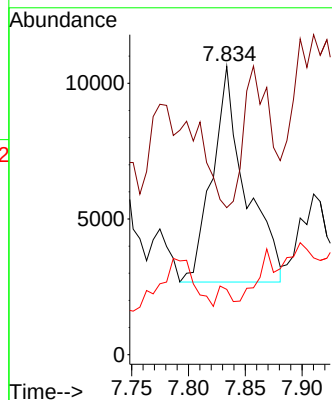
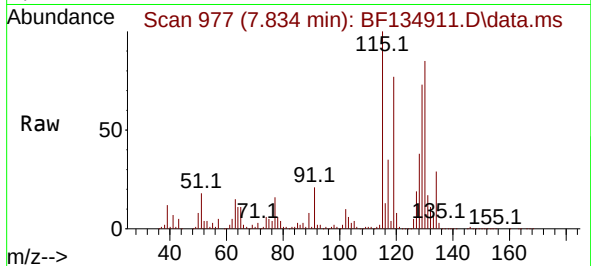




#28
bis(2-Chloroethoxy)methane
Concen: 4.334 ng
RT: 7.834 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

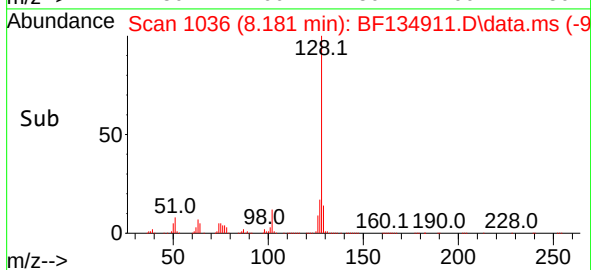
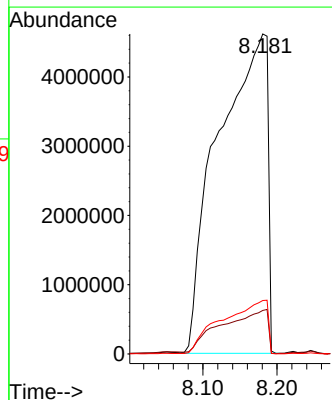
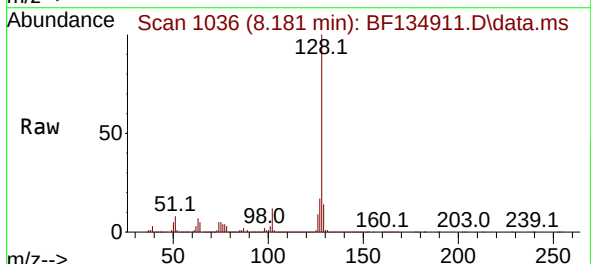
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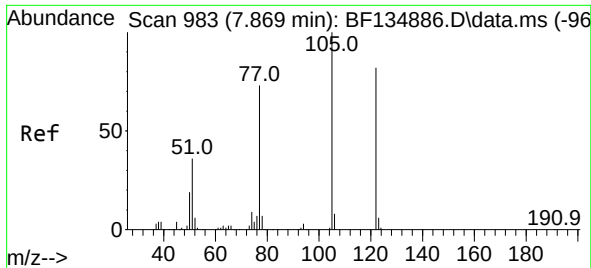
Tgt Ion: 93 Resp: 16165
Ion Ratio Lower Upper
93 100
95 51.0 26.3 39.5#
123 22.6 9.9 14.9#



#31
Naphthalene
Concen: 2298.358 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.082 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

Tgt Ion: 128 Resp: 21193295
Ion Ratio Lower Upper
128 100
129 13.6 9.0 13.4#
127 16.7 10.6 16.0#

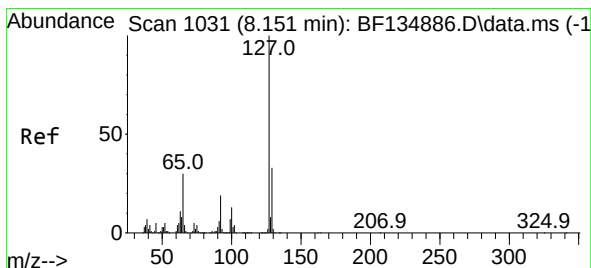
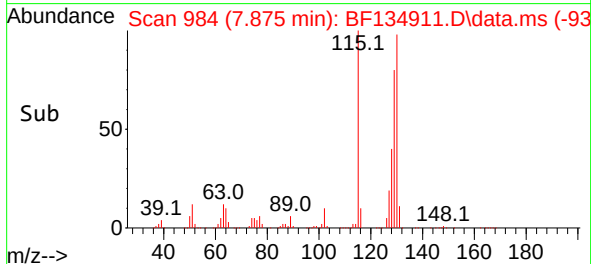
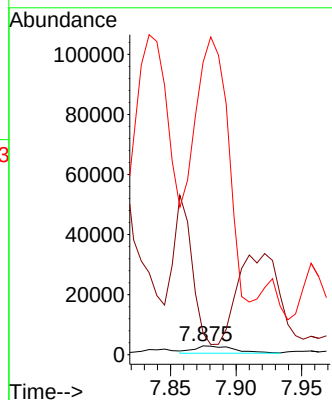
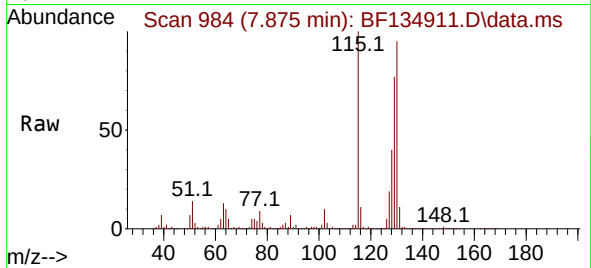




#32
Benzoic acid
Concen: 2.653 ng
RT: 7.875 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

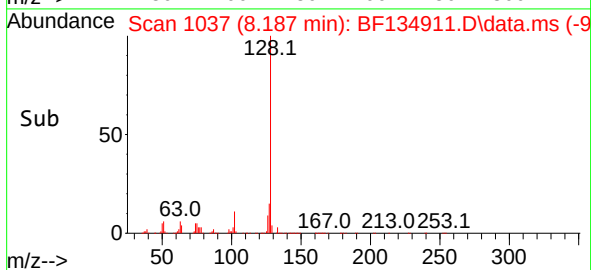
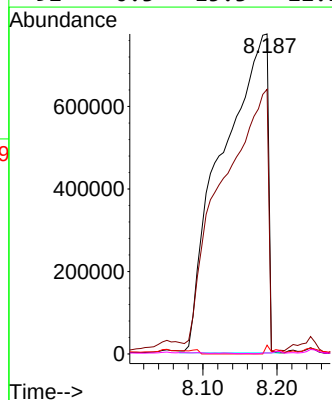
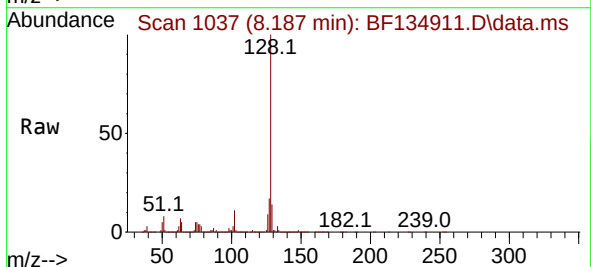
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

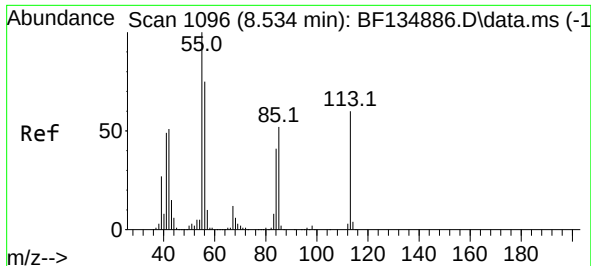
Tgt Ion:122 Resp: 5346
Ion Ratio Lower Upper
122 100
105 243.6 98.6 138.6#
77 3287.5 68.6 108.6#



#33
4-Chloroaniline
Concen: 833.759 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.035 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

Tgt Ion:127 Resp: 3298655
Ion Ratio Lower Upper
127 100
129 82.7 26.4 39.6#
65 2.8 23.8 35.8#
92 0.3 15.3 22.9#

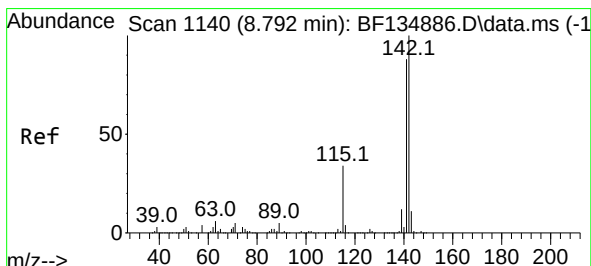
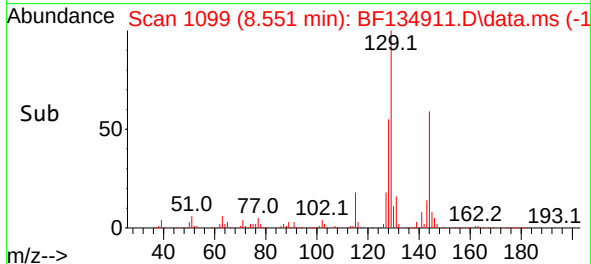
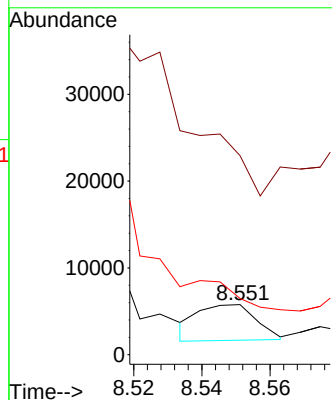
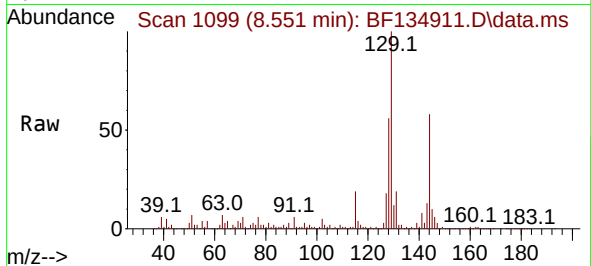




#35
 Caprolactam
 Concen: 5.841 ng
 RT: 8.551 min Scan# 1099
 Delta R.T. 0.018 min
 Lab File: BF134911.D
 Acq: 23 Aug 2023 18:46

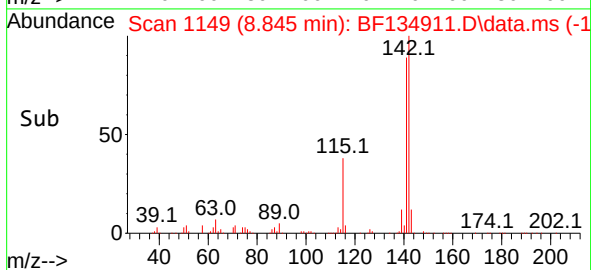
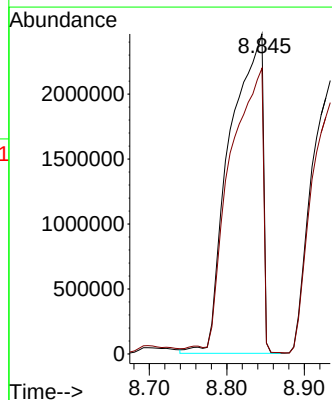
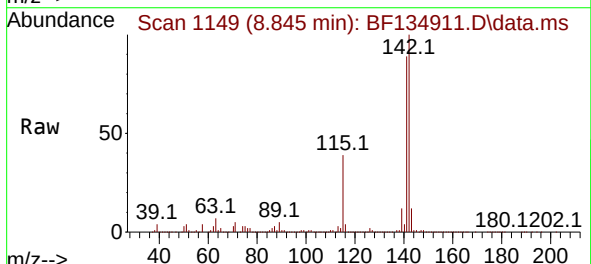
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z52-53

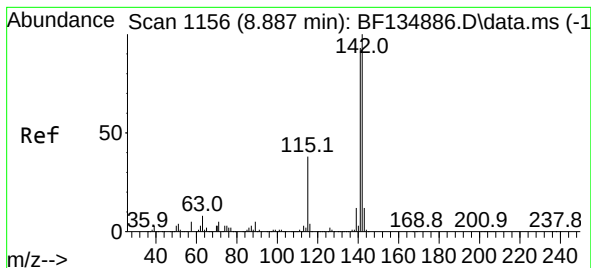
Tgt Ion:113 Resp: 4919
 Ion Ratio Lower Upper
 113 100
 55 397.2 147.2 187.2#
 56 112.1 106.0 146.0



#37
 2-Methylnaphthalene
 Concen: 1184.711 ng
 RT: 8.845 min Scan# 1149
 Delta R.T. 0.053 min
 Lab File: BF134911.D
 Acq: 23 Aug 2023 18:46

Tgt Ion:142 Resp: 7285271
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.2 105.2





#38

1-Methylnaphthalene

Concen: 839.721 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.053 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

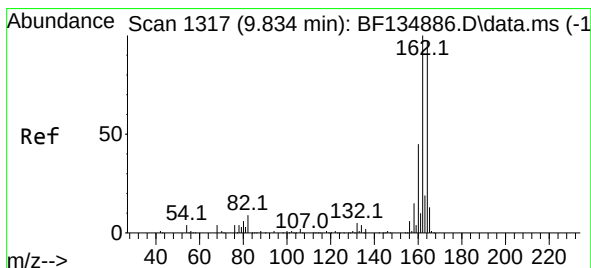
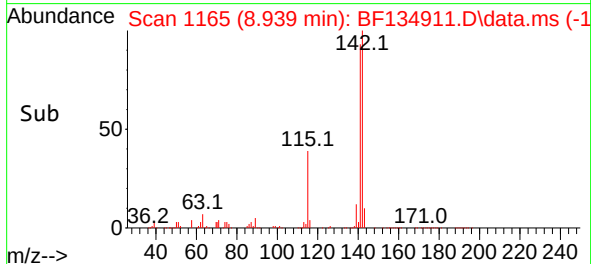
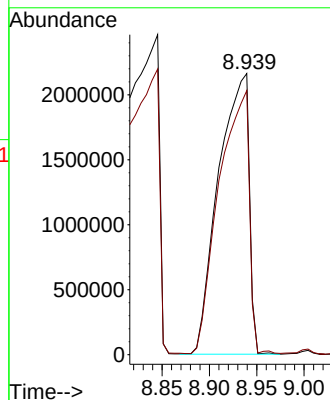
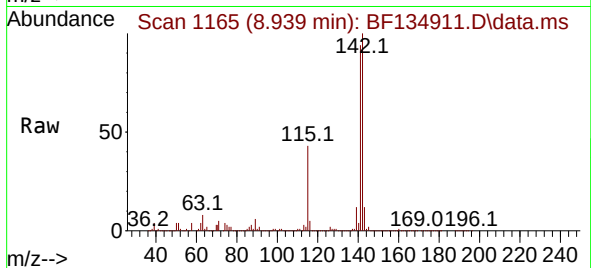
NEVINS-SB04-Z52-53

Tgt Ion:142 Resp: 4828517

Ion Ratio Lower Upper

142 100

141 93.9 74.1 111.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

Delta R.T. 0.012 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

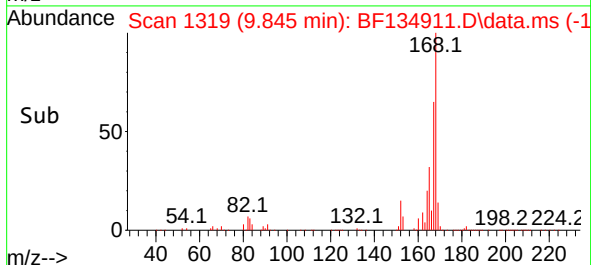
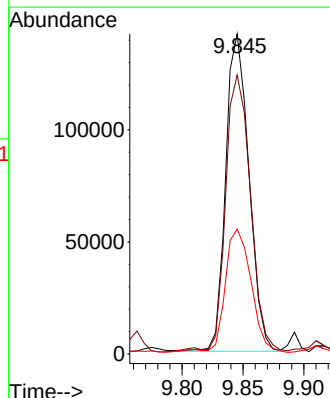
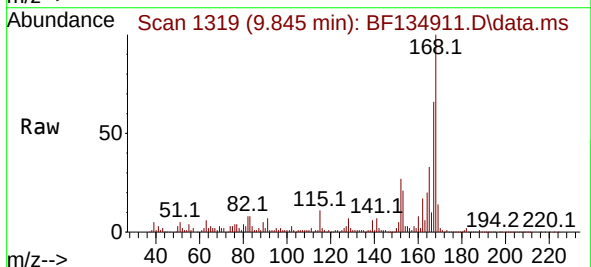
Tgt Ion:164 Resp: 188134

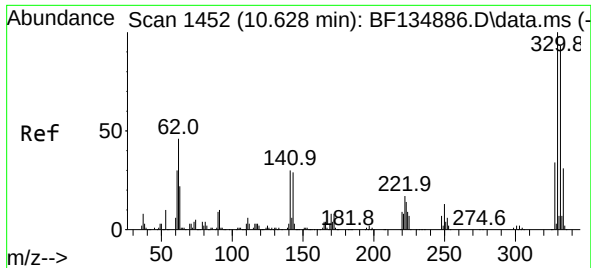
Ion Ratio Lower Upper

164 100

162 87.1 82.6 123.8

160 39.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 2.976 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z52-53

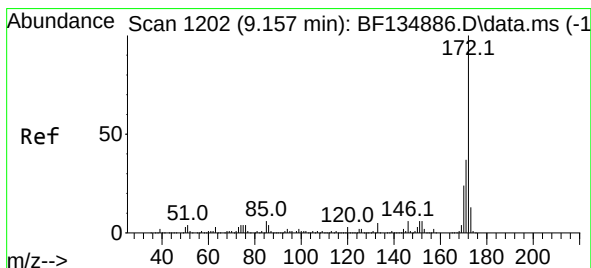
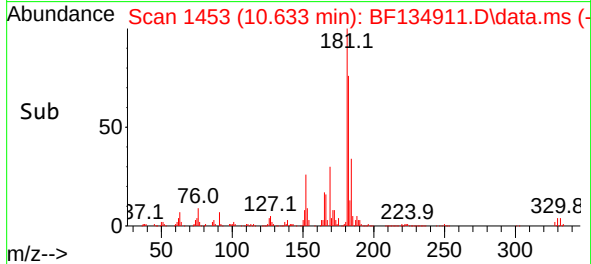
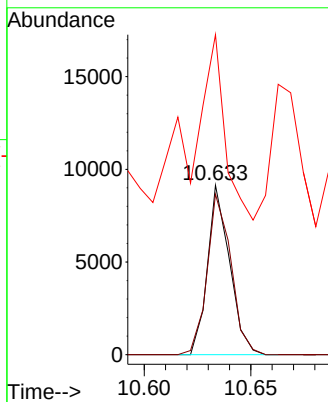
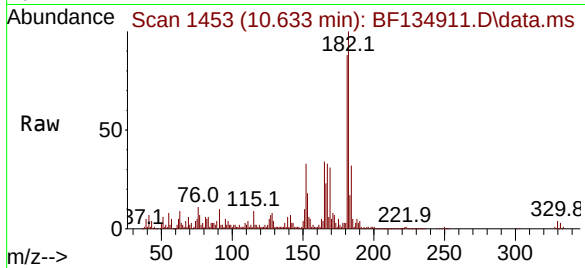
Tgt Ion:330 Resp: 6593

Ion Ratio Lower Upper

330 100

332 102.2 76.3 114.5

141 164.4 23.4 35.2#



#45

2-Fluorobiphenyl

Concen: 5.881 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

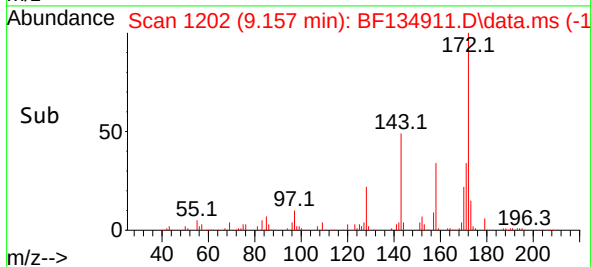
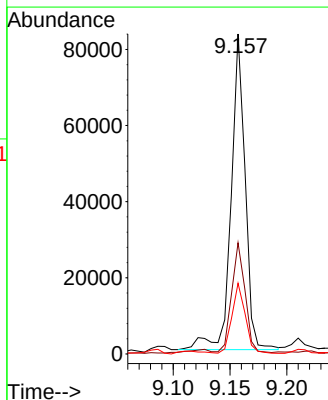
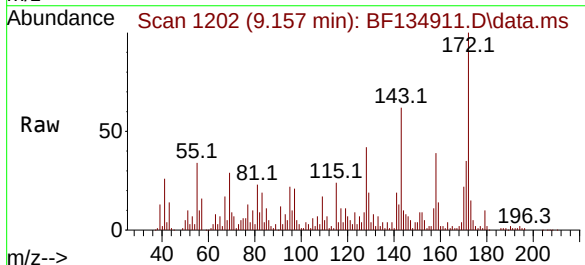
Tgt Ion:172 Resp: 71576

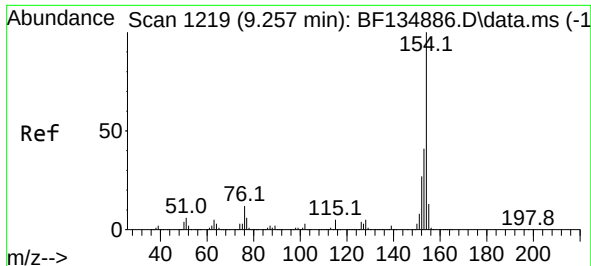
Ion Ratio Lower Upper

172 100

171 34.7 29.4 44.0

170 22.1 19.6 29.4

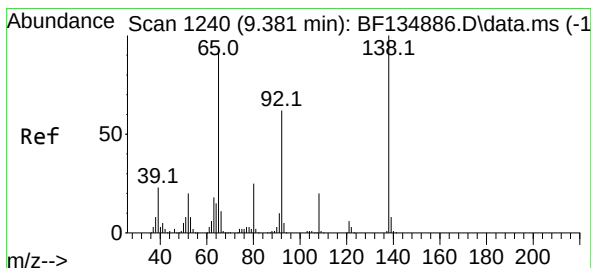
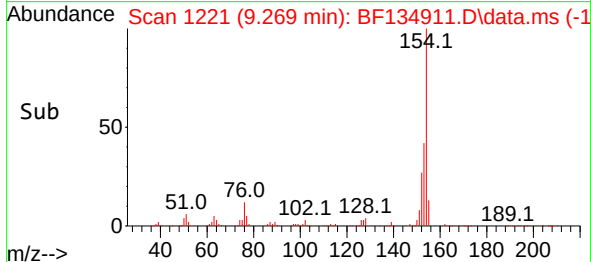
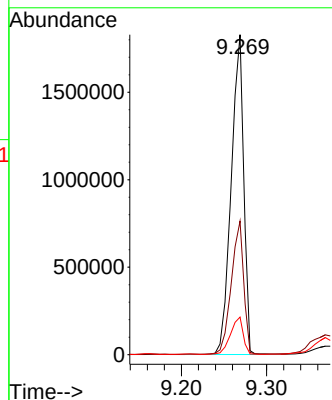
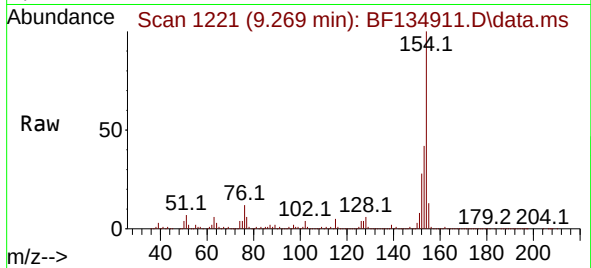




#46
1,1'-Biphenyl
Concen: 125.479 ng
RT: 9.269 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

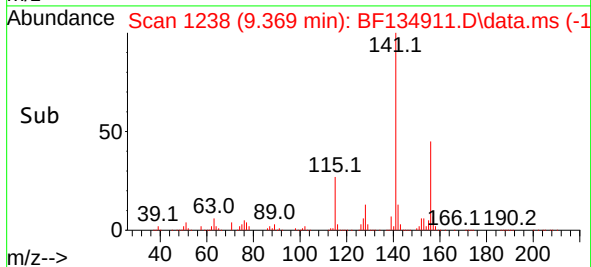
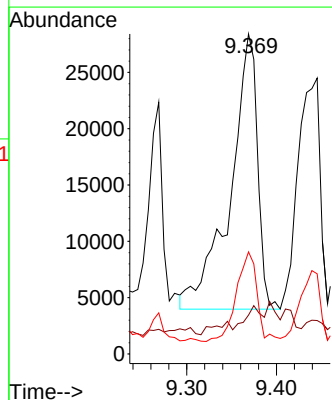
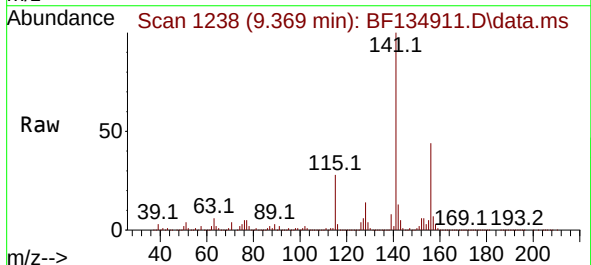
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

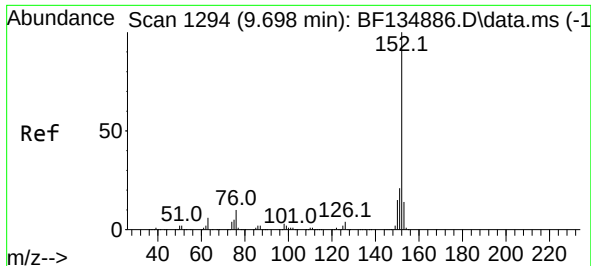
Tgt Ion:154 Resp: 1863715
Ion Ratio Lower Upper
154 100
153 41.7 21.3 61.3
76 11.7 0.0 31.8



#48
2-Nitroaniline
Concen: 14.141 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.012 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

Tgt Ion: 65 Resp: 51561
Ion Ratio Lower Upper
65 100
92 12.2 53.8 80.8#
138 31.9 86.5 129.7#

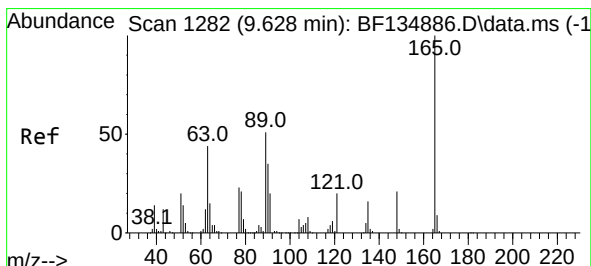
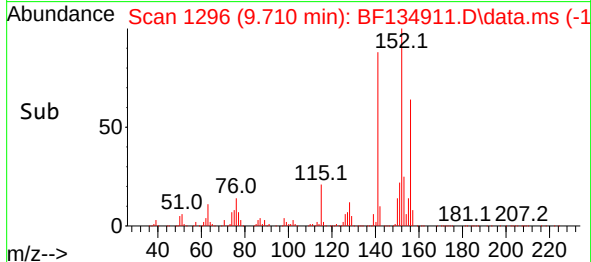
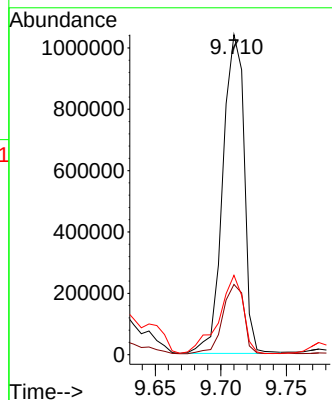
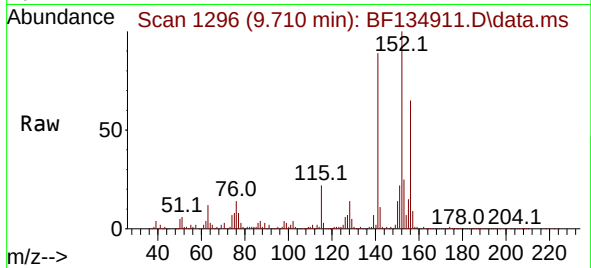




#49
Acenaphthylene
Concen: 68.761 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

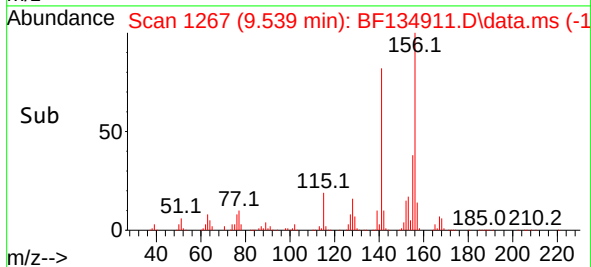
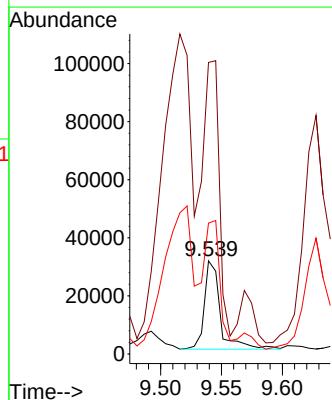
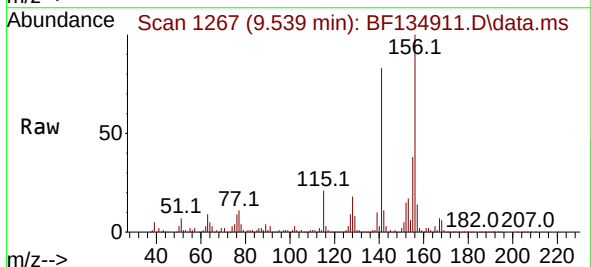
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

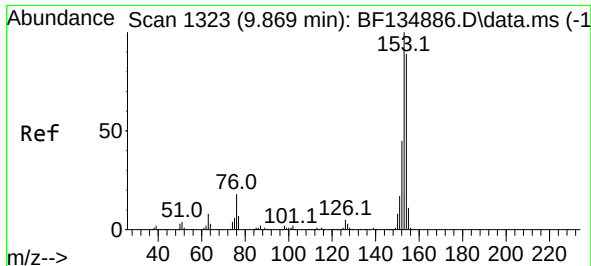
Tgt Ion:152 Resp: 1174562
Ion Ratio Lower Upper
152 100
151 22.0 16.5 24.7
153 24.8 11.3 16.9#



#51
2,6-Dinitrotoluene
Concen: 9.428 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.089 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

Tgt Ion:165 Resp: 27846
Ion Ratio Lower Upper
165 100
63 312.8 41.4 62.2#
89 140.5 40.9 61.3#

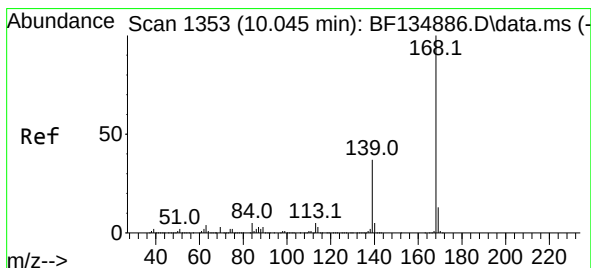
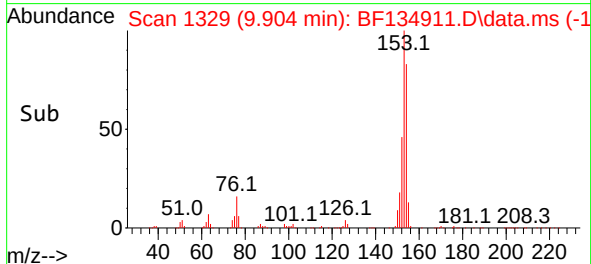
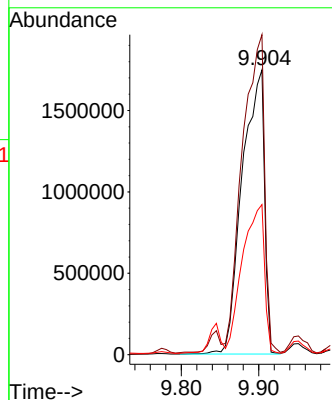
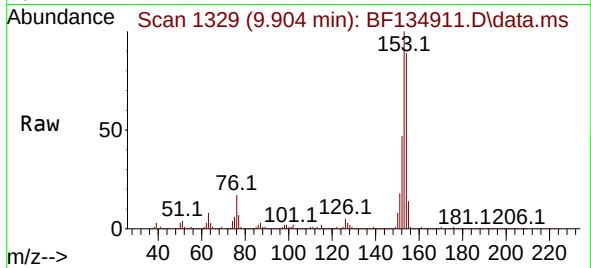




#52
Acenaphthene
Concen: 320.223 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

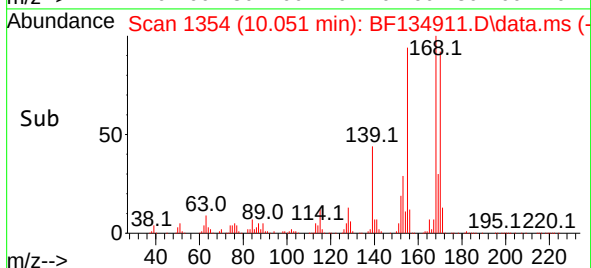
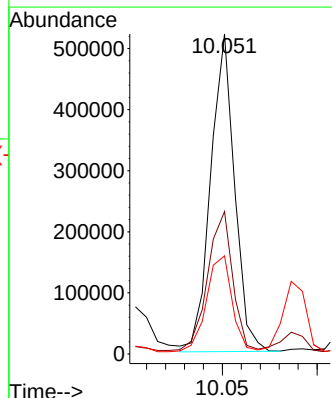
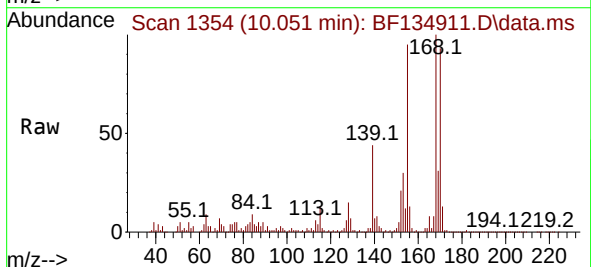
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

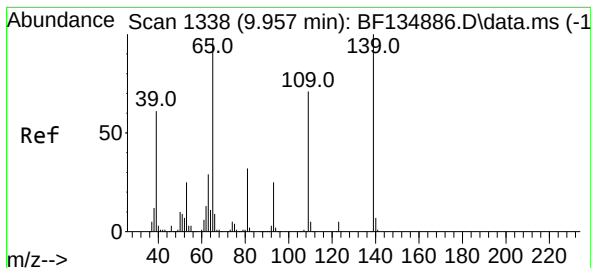
Tgt Ion:154 Resp: 3445988
Ion Ratio Lower Upper
154 100
153 112.4 89.6 134.4
152 52.7 40.5 60.7



#55
Dibenzofuran
Concen: 29.171 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

Tgt Ion:168 Resp: 457034
Ion Ratio Lower Upper
168 100
139 44.5 29.5 44.3#
169 30.6 10.7 16.1#





#56

4-Nitrophenol

Concen: 25.594 ng

RT: 9.951 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z52-53

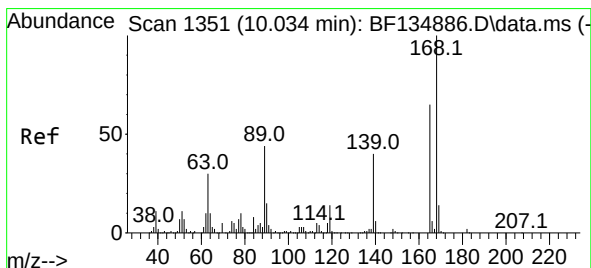
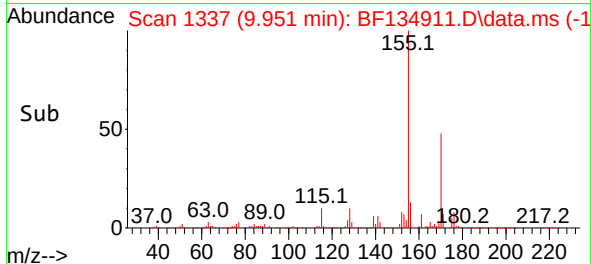
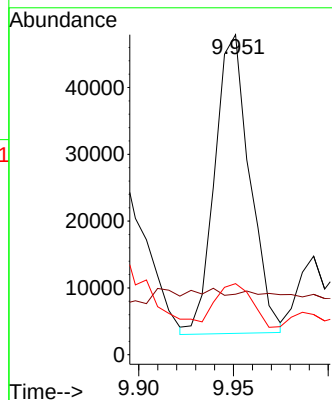
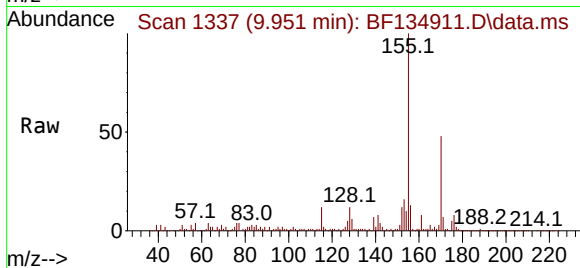
Tgt Ion:139 Resp: 57539

Ion Ratio Lower Upper

139 100

109 18.9 51.0 91.0#

65 22.2 78.5 118.5#



#57

2,4-Dinitrotoluene

Concen: 10.165 ng

RT: 10.051 min Scan# 1354

Delta R.T. 0.017 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

Tgt Ion:165 Resp: 37129

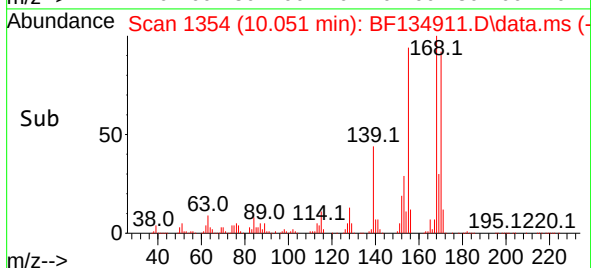
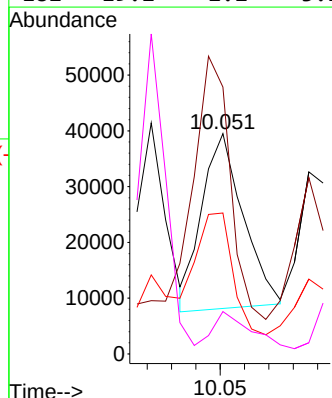
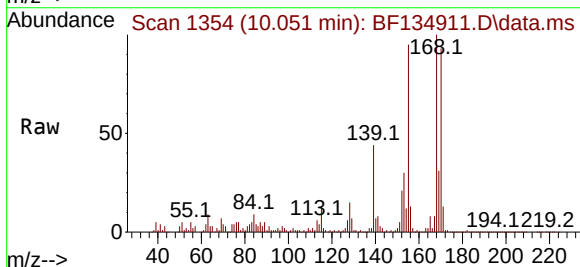
Ion Ratio Lower Upper

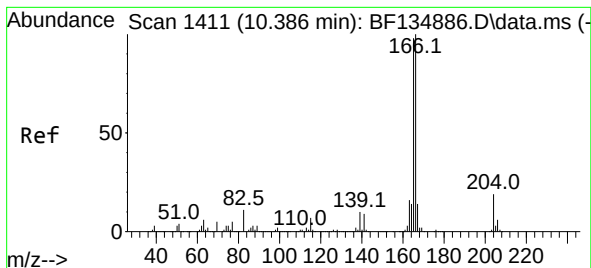
165 100

63 121.2 37.7 56.5#

89 64.0 54.2 81.4

182 19.2 2.2 3.2#





#58

Fluorene

Concen: 204.044 ng

RT: 10.410 min Scan# 1415

Delta R.T. 0.024 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z52-53

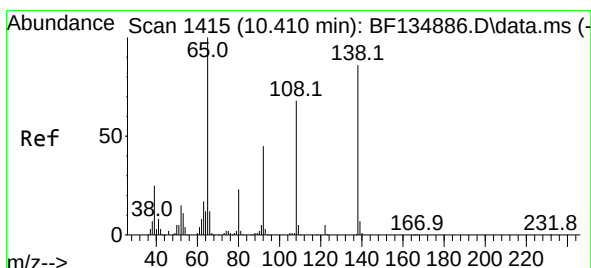
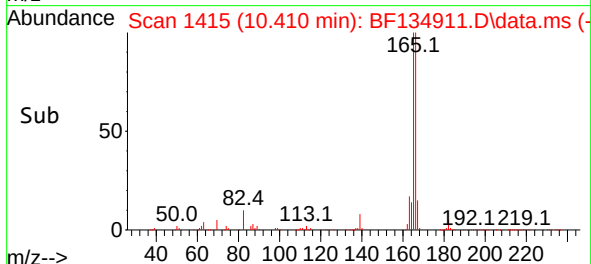
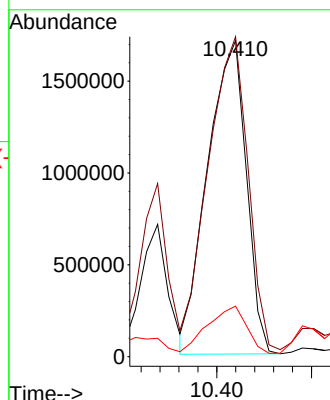
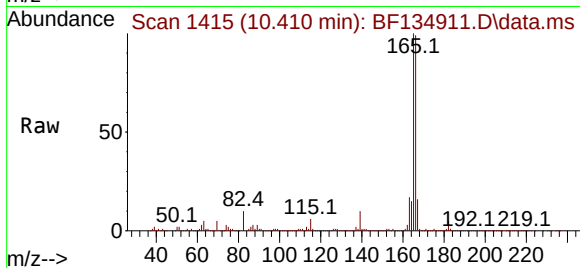
Tgt Ion:166 Resp: 2424682

Ion Ratio Lower Upper

166 100

165 101.2 78.5 117.7

167 16.0 11.0 16.6



#62

4-Nitroaniline

Concen: 10.040 ng

RT: 10.410 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

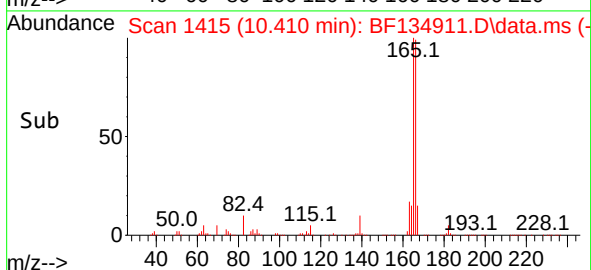
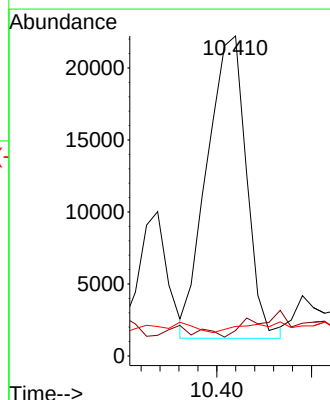
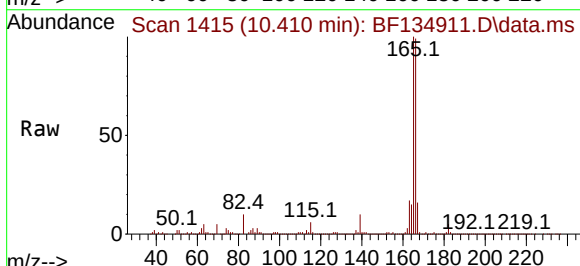
Tgt Ion:138 Resp: 30278

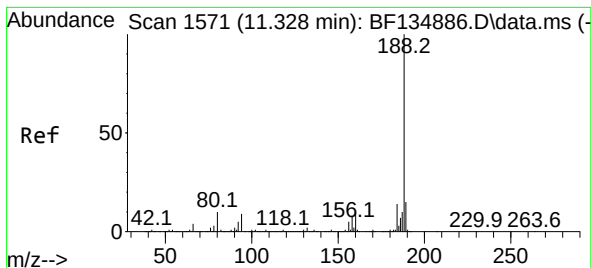
Ion Ratio Lower Upper

138 100

92 7.9 32.5 72.5#

108 9.2 58.6 98.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z52-53

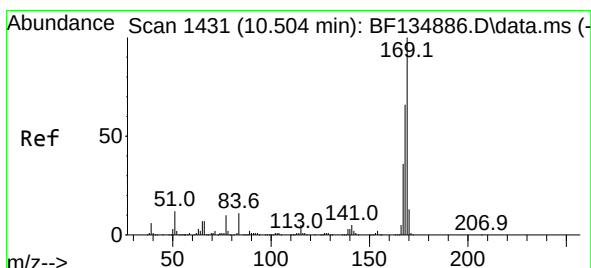
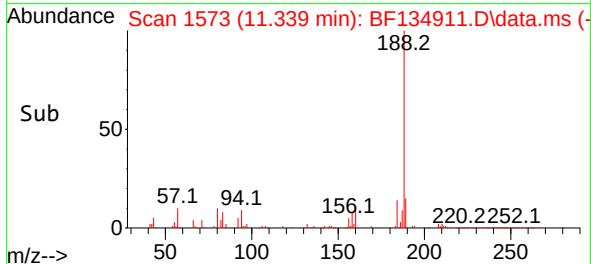
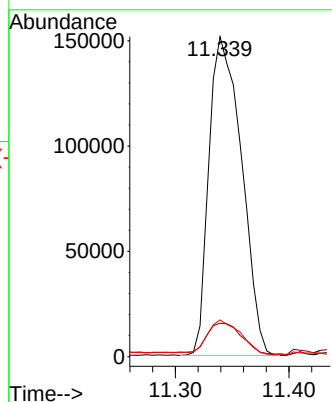
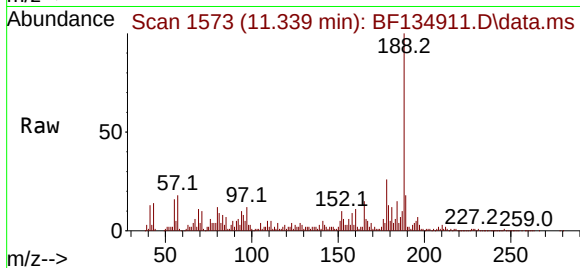
Tgt Ion:188 Resp: 302311

Ion Ratio Lower Upper

188 100

94 10.5 7.5 11.3

80 11.5 7.8 11.6



#66

n-Nitrosodiphenylamine

Concen: 11.318 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.006 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

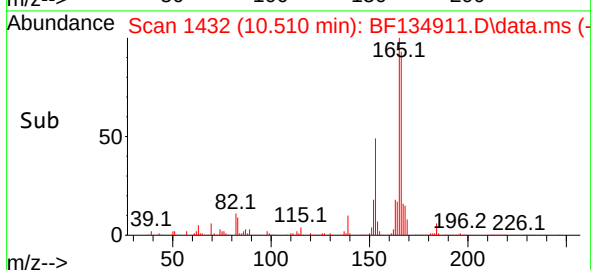
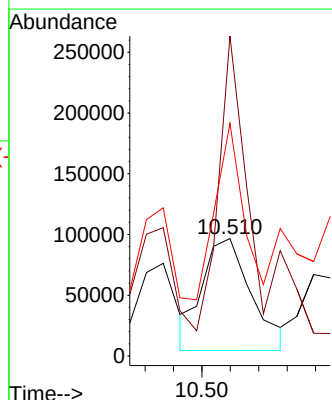
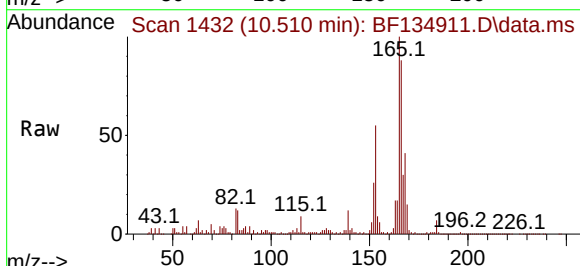
Tgt Ion:169 Resp: 110181

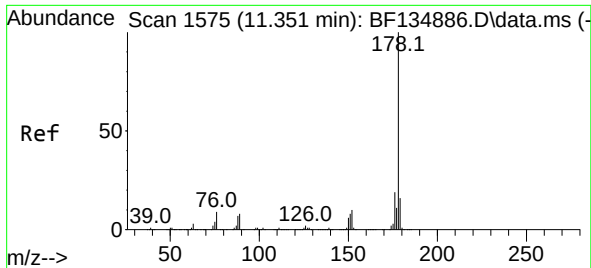
Ion Ratio Lower Upper

169 100

168 272.5 53.0 79.6#

167 197.9 29.0 43.6#

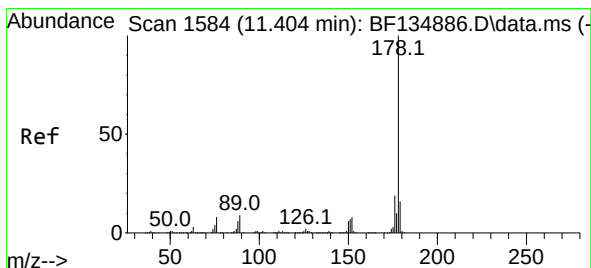
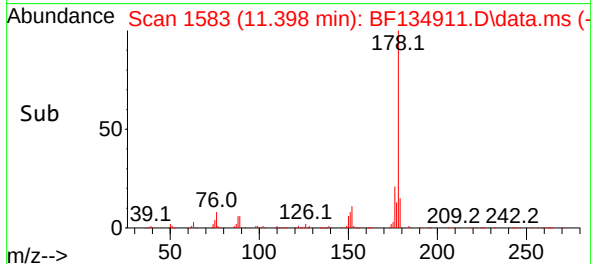
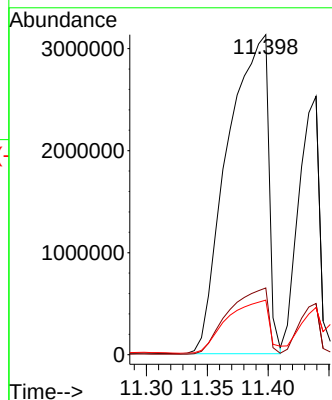
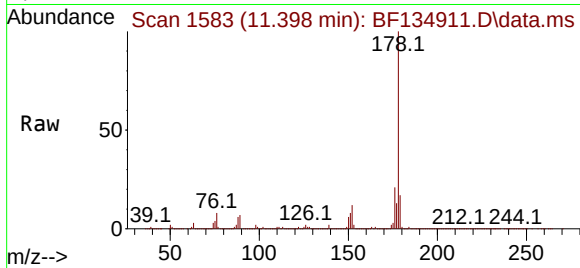




#71
Phenanthrene
Concen: 459.837 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.047 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

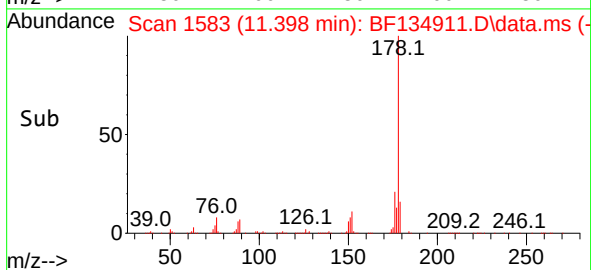
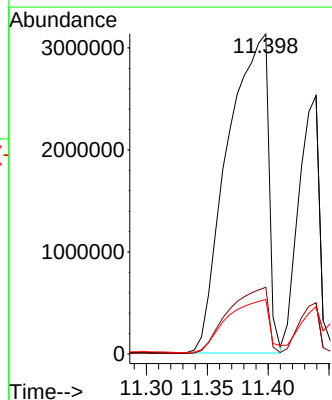
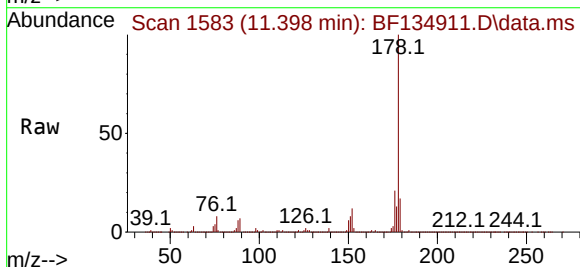
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

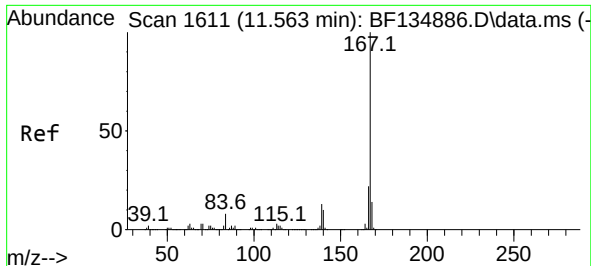
Tgt Ion:178 Resp: 7284575
Ion Ratio Lower Upper
178 100
176 20.8 15.5 23.3
179 17.1 12.6 19.0



#72
Anthracene
Concen: 448.798 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

Tgt Ion:178 Resp: 7284575
Ion Ratio Lower Upper
178 100
176 20.8 15.0 22.6
179 17.1 12.5 18.7

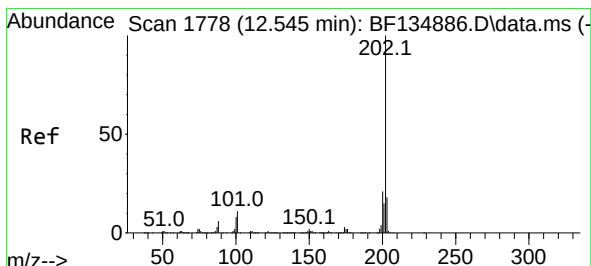
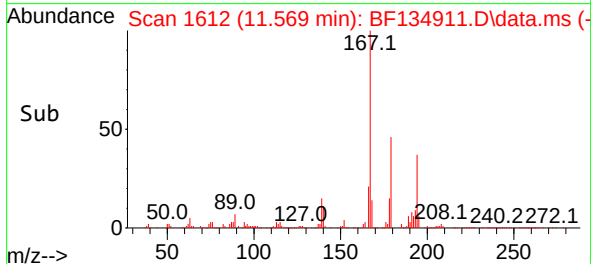
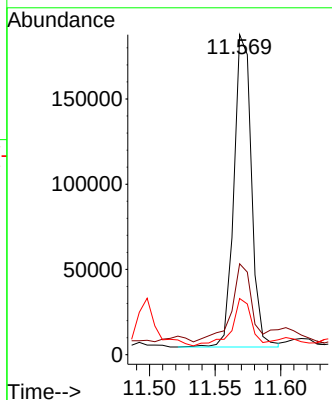
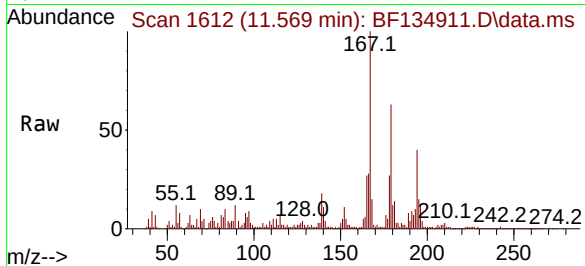




#73
 Carbazole
 Concen: 12.738 ng
 RT: 11.569 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BF134911.D
 Acq: 23 Aug 2023 18:46

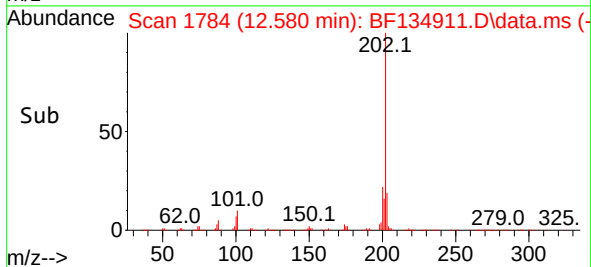
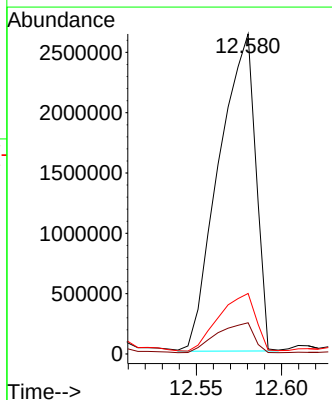
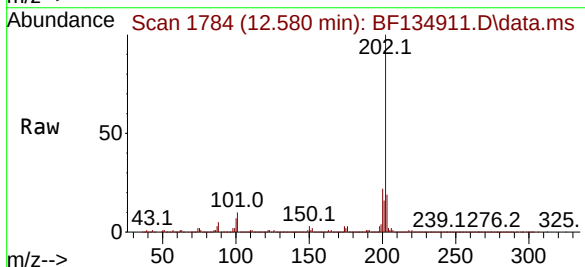
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z52-53

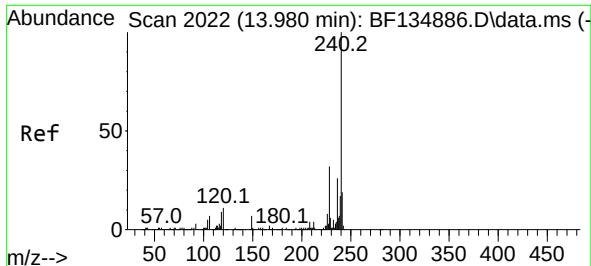
Tgt Ion:167 Resp: 170376
 Ion Ratio Lower Upper
 167 100
 166 28.4 17.4 26.2#
 139 17.5 10.4 15.6#



#75
 Fluoranthene
 Concen: 262.463 ng
 RT: 12.580 min Scan# 1784
 Delta R.T. 0.035 min
 Lab File: BF134911.D
 Acq: 23 Aug 2023 18:46

Tgt Ion:202 Resp: 3939595
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 30.5
 203 18.9 0.0 37.8

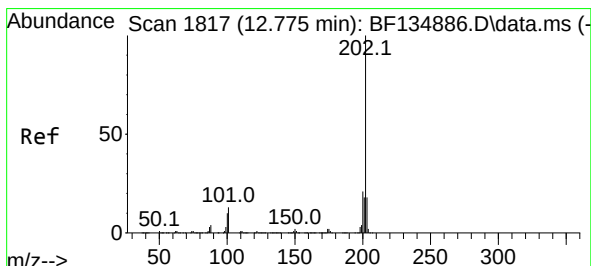
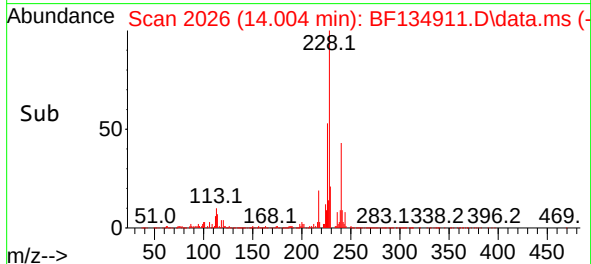
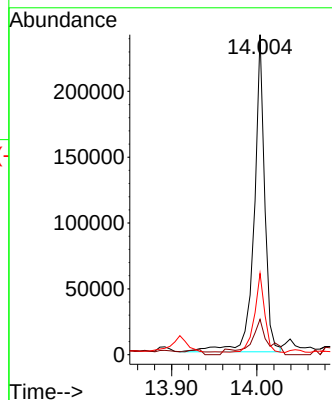
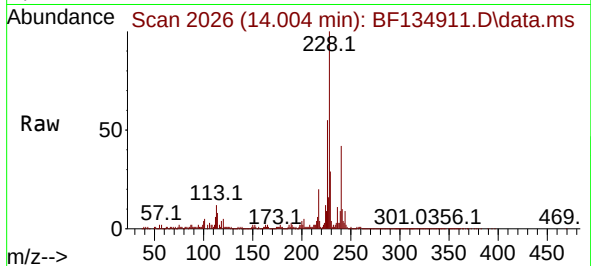




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.023 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

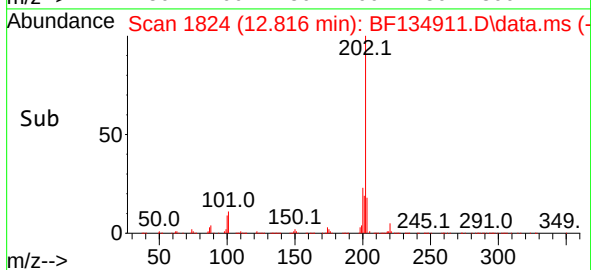
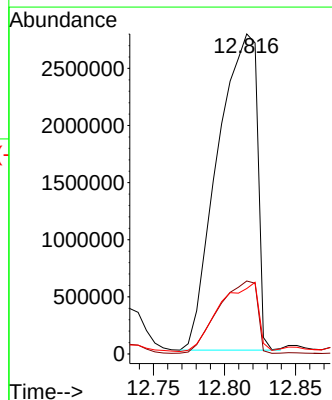
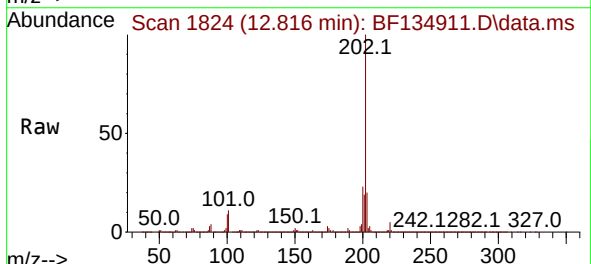
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

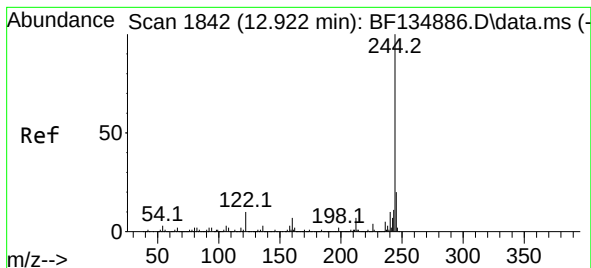
Tgt Ion:240 Resp: 206142
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 25.4 20.6 31.0



#78
Pyrene
Concen: 246.627 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.041 min
Lab File: BF134911.D
Acq: 23 Aug 2023 18:46

Tgt Ion:202 Resp: 5390379
Ion Ratio Lower Upper
202 100
200 22.8 17.1 25.7
203 20.5 14.2 21.2





#79

Terphenyl-d14

Concen: 4.956 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.011 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z52-53

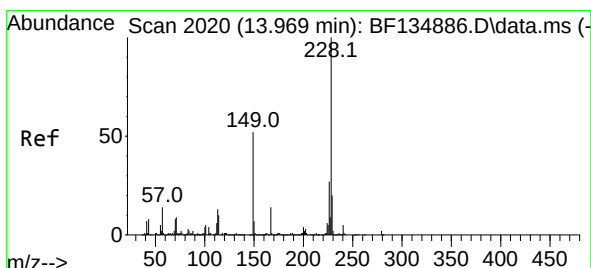
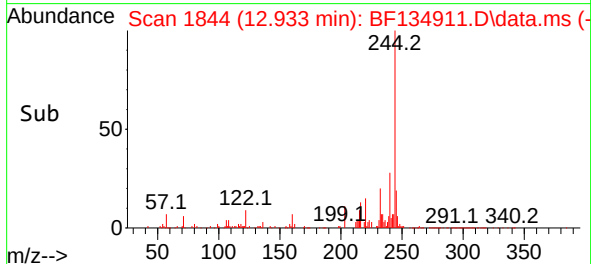
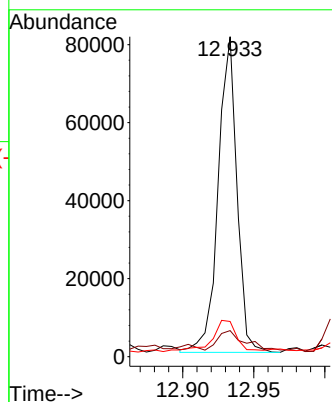
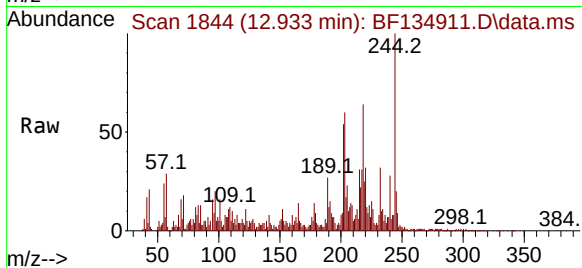
Tgt Ion:244 Resp: 74272

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

122 11.0 8.2 12.4



#81

Benzo(a)anthracene

Concen: 137.634 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.065 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

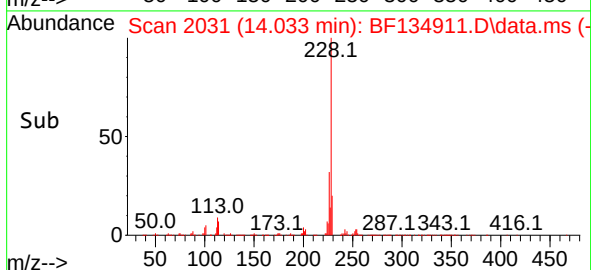
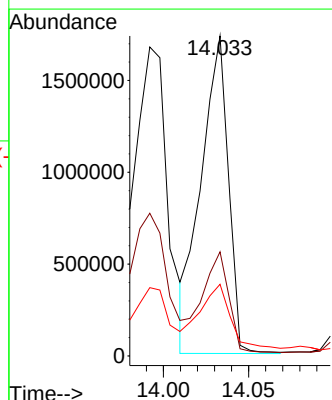
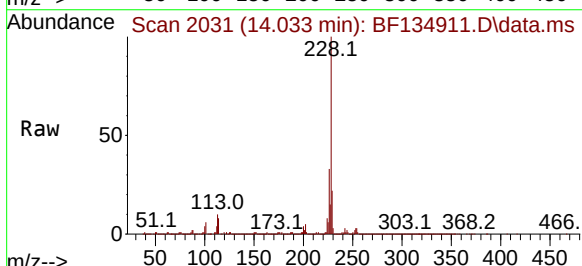
Tgt Ion:228 Resp: 1935775

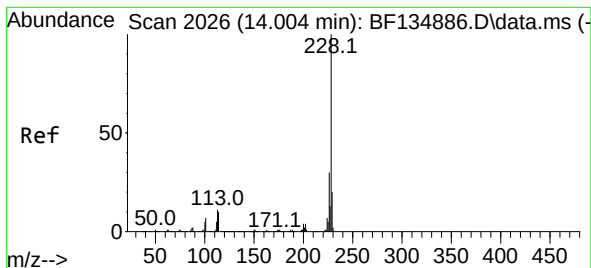
Ion Ratio Lower Upper

228 100

226 32.6 21.8 32.6

229 22.4 15.6 23.4





#83

Chrysene

Concen: 139.495 ng

RT: 14.033 min Scan# 20

Delta R.T. 0.029 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z52-53

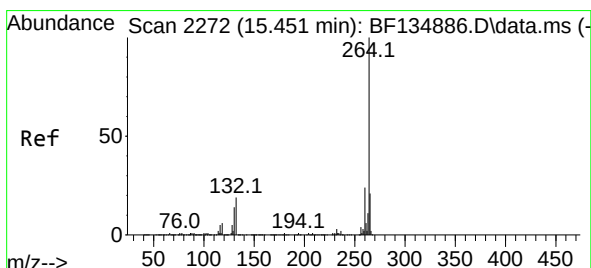
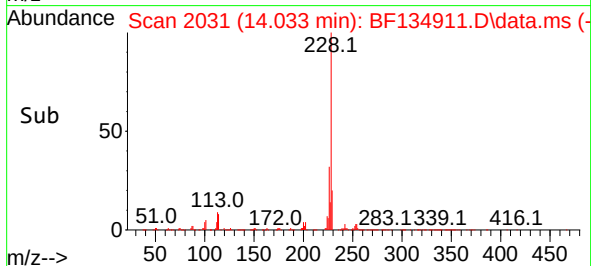
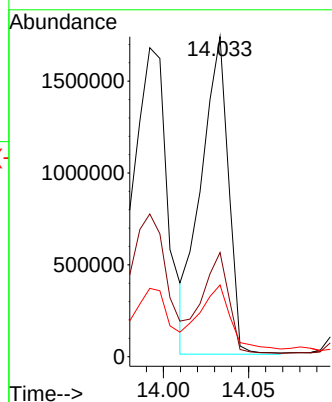
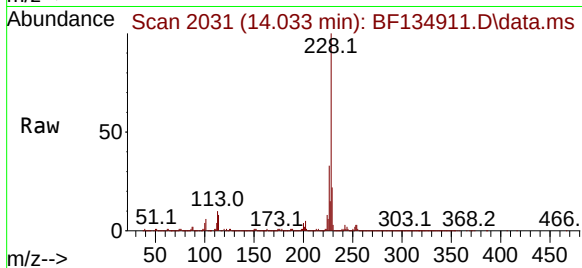
Tgt Ion:228 Resp: 1935775

Ion Ratio Lower Upper

228 100

226 32.6 24.2 36.2

229 22.4 16.0 24.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.023 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

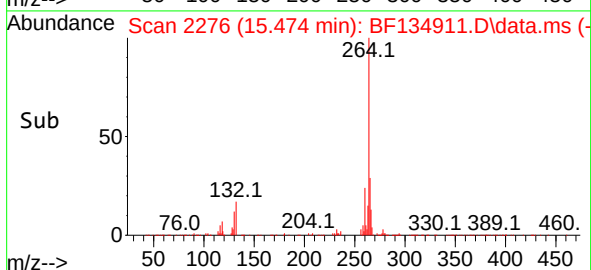
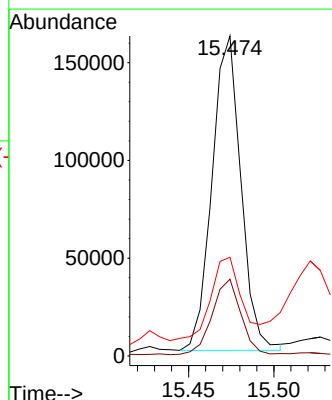
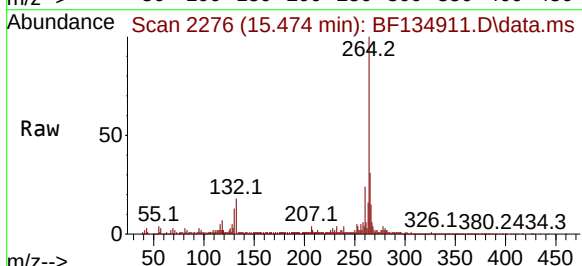
Tgt Ion:264 Resp: 189948

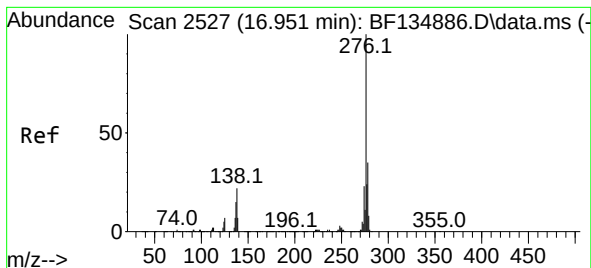
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 30.8 17.1 25.7#





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.252 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z52-53

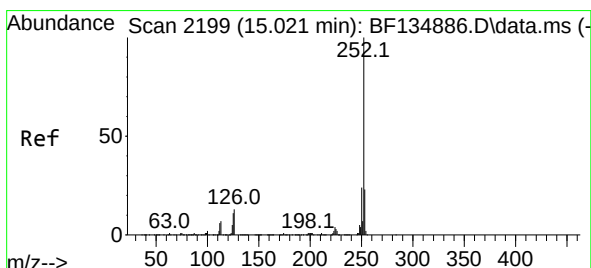
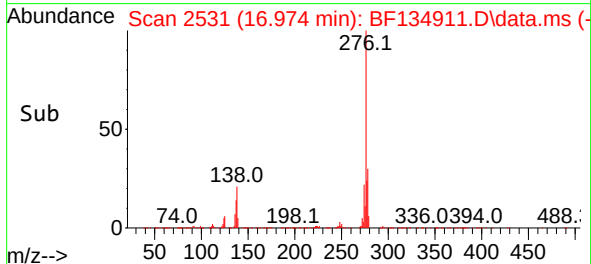
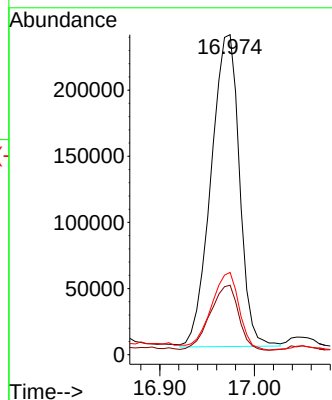
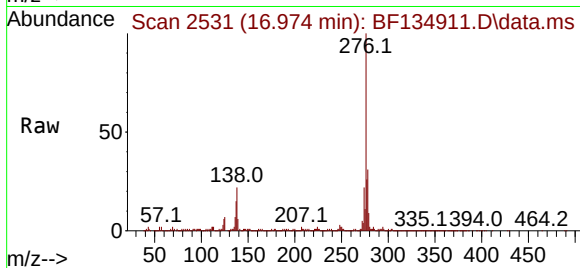
Tgt Ion:276 Resp: 492204

Ion Ratio Lower Upper

276 100

138 20.9 19.7 29.5

277 24.7 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 157.020 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.029 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

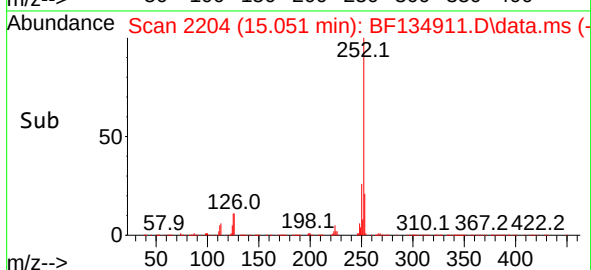
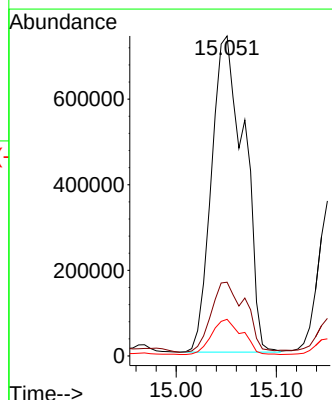
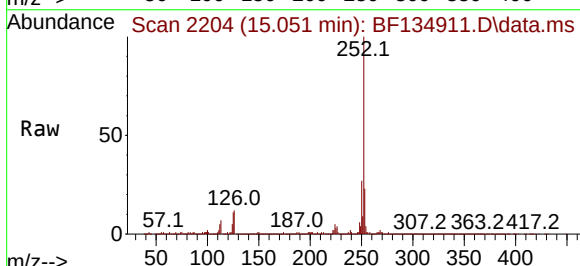
Tgt Ion:252 Resp: 1682742

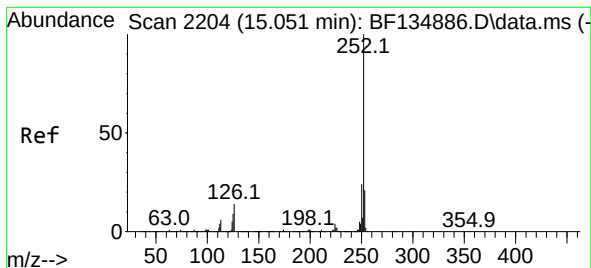
Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

125 11.5 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 159.902 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

Instrument :

BNF

ClientSampleId :

NEVINS-SB04-Z52-53

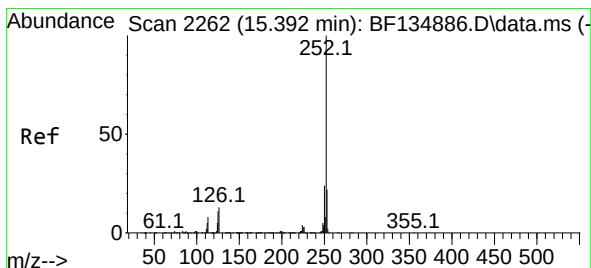
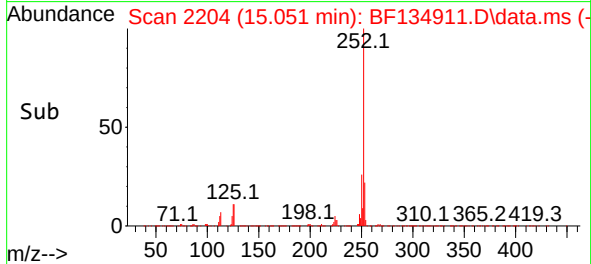
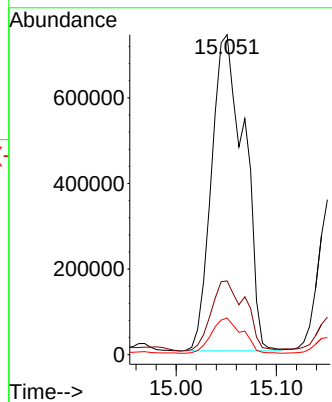
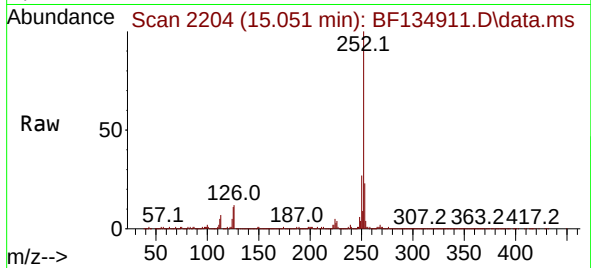
Tgt Ion:252 Resp: 1682742

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

125 11.5 8.0 12.0



#90

Benzo(a)pyrene

Concen: 138.923 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.029 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

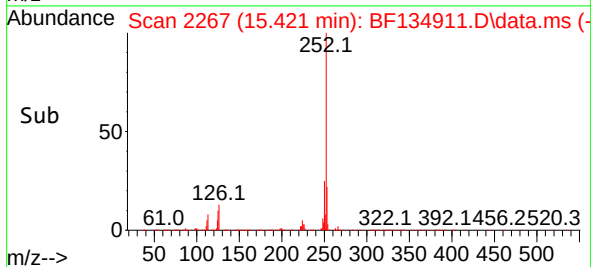
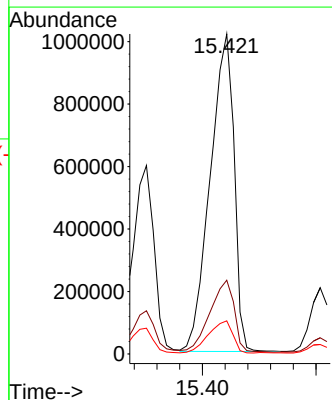
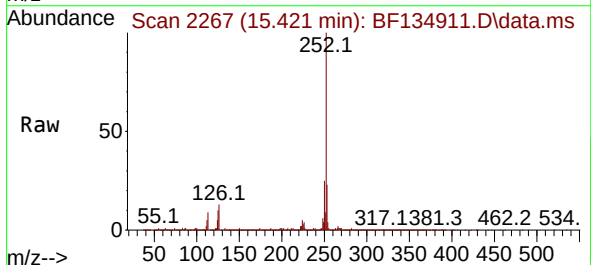
Tgt Ion:252 Resp: 1486241

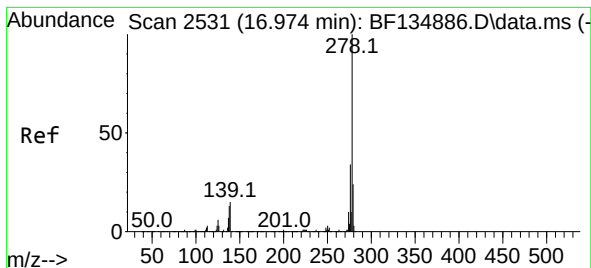
Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 10.3 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 13.331 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z52-53

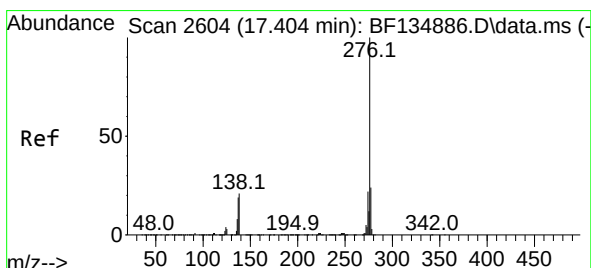
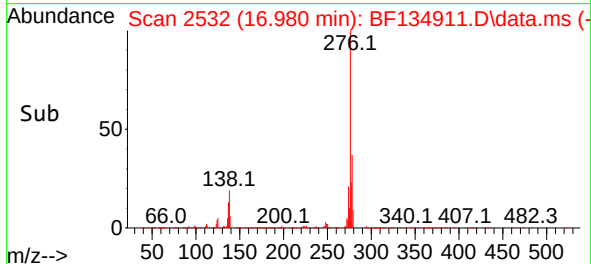
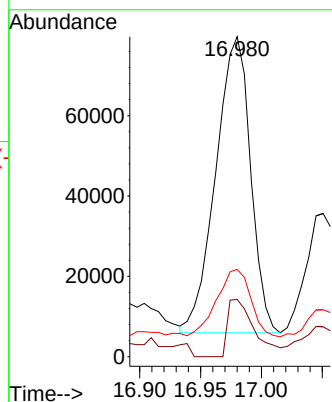
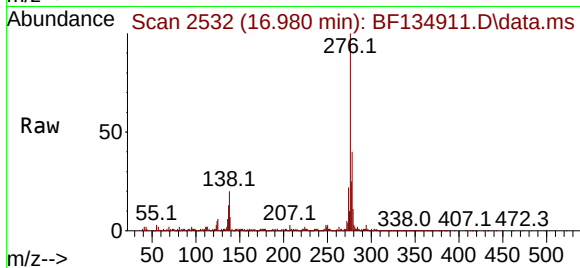
Tgt Ion:278 Resp: 146444

Ion Ratio Lower Upper

278 100

139 17.9 12.2 18.4

279 27.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 47.811 ng

RT: 17.427 min Scan# 2608

Delta R.T. 0.023 min

Lab File: BF134911.D

Acq: 23 Aug 2023 18:46

Tgt Ion:276 Resp: 537669

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 20.9 17.0 25.6

