

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134833.D
 Acq On : 18 Aug 2023 10:32
 Operator : CG\JU
 Sample : 04047-04 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB05-Z83-84

Quant Time: Aug 18 11:15:52 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	9105	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	26601	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	30217	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	25063	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	16162	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	15558	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	34507	57.610	ng	-0.01
7) Phenol-d6	6.422	99	45890	59.934	ng	-0.02
23) Nitrobenzene-d5	7.351	82	29914	70.276	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	8355	27.124	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	60162	33.104	ng	-0.02
79) Terphenyl-d14	12.910	244	42013	45.826	ng	-0.01
Target Compounds						
						Qvalue
3) Pyridine	3.304	79	1594	2.135	ng	# 31
9) Benzaldehyde	6.351	77	58421	Below Cal		# 1
11) bis(2-Chloroethyl)ether	6.487	93	2421	4.039	ng	# 27
15) Benzyl Alcohol	6.975	79	1333	2.524	ng	# 1
18) Hexachloroethane	7.292	117	68164	309.985	ng	# 6
19) n-Nitroso-di-n-propyla...	7.210	70	1500	3.272	ng	# 74
22) Acetophenone	7.186	105	29069	47.336	ng	# 50
24) Nitrobenzene	7.404	77	36292	78.918	ng	# 10
26) 2-Nitrophenol	7.698	139	1611	12.203	ng	# 1
27) 2,4-Dimethylphenol	7.728	122	2334	5.634	ng	# 1
28) bis(2-Chloroethoxy)met...	7.816	93	3469	6.246	ng	# 70
31) Naphthalene	8.133	128	10188586	7620.959	ng	96
32) Benzoic acid	7.863	122	2128	14.451	ng	# 1
33) 4-Chloroaniline	8.133	127	1485473	2493.692	ng	# 34
35) Caprolactam	8.539	113	1761	14.518	ng	# 8
36) 4-Chloro-3-methylphenol	8.616	107	980	2.461	ng	# 1
37) 2-Methylnaphthalene	8.810	142	3895201	4395.601	ng	98
38) 1-Methylnaphthalene	8.904	142	2762597	3352.534	ng	96
46) 1,1'-Biphenyl	9.251	154	977741	416.102	ng	99
47) 2-Chloronaphthalene	9.322	162	77564	44.054	ng	# 49
48) 2-Nitroaniline	9.345	65	15947	30.302	ng	# 33
49) Acenaphthylene	9.704	152	3033838	1096.199	ng	97
50) Dimethylphthalate	9.533	163	6467	3.140	ng	# 15
51) 2,6-Dinitrotoluene	9.527	165	16639	39.877	ng	# 36
52) Acenaphthene	9.863	154	548901	306.044	ng	99
53) 3-Nitroaniline	9.780	138	942	2.052	ng	# 54
54) 2,4-Dinitrophenol	9.904	184	1450	17.637	ng	# 1
55) Dibenzofuran	10.033	168	271832	106.467	ng	# 87
56) 4-Nitrophenol	9.933	139	19084	50.831	ng	# 21
57) 2,4-Dinitrotoluene	10.010	165	30578	59.283	ng	# 45
58) Fluorene	10.386	166	1505296	809.429	ng	94
62) 4-Nitroaniline	10.386	138	18239	40.537	ng	# 20
63) Azobenzene	10.533	77	10036	4.785	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.451	198	912	16.070	ng	# 1
66) n-Nitrosodiphenylamine	10.492	169	47672	59.759	ng	# 18
71) Phenanthrene	11.357	178	3912641	2939.085	ng	98

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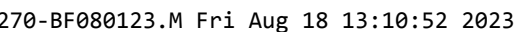
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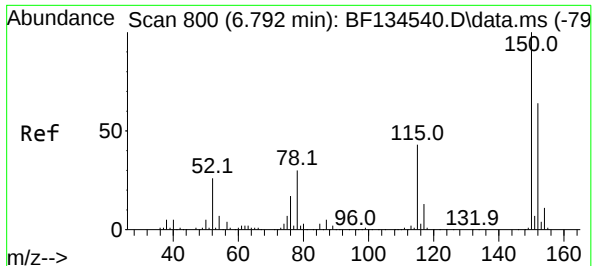
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

72) Anthracene	11.404	178	1471279	1081.982	ng	98
73) Carbazole	11.551	167	58774	48.408	ng #	88
75) Fluoranthene	12.539	202	1581496	1124.649	ng	96
78) Pyrene	12.774	202	2255711	1612.926	ng	97
80) Butylbenzylphthalate	13.398	149	989	2.091	ng #	58
81) Benzo(a)anthracene	13.998	228	819436	709.063	ng	95
82) 3,3'-Dichlorobenzidine	13.927	252	700	2.090	ng #	59
83) Chrysene	13.998	228	819436	727.794	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	6960	12.506	ng #	82
87) Indeno(1,2,3-cd)pyrene	16.915	276	143080	156.371	ng #	95
88) Benzo(b)fluoranthene	15.009	252	692955	730.298	ng #	95
89) Benzo(k)fluoranthene	15.009	252	692955	733.108	ng #	96
90) Benzo(a)pyrene	15.374	252	568391	642.463	ng #	95
91) Dibenzo(a,h)anthracene	16.927	278	40419	54.660	ng #	89
92) Benzo(g,h,i)perylene	17.362	276	160070	212.209	ng #	93

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

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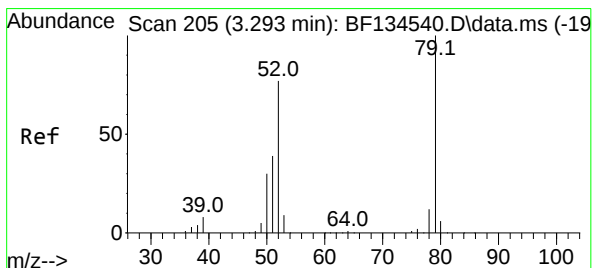
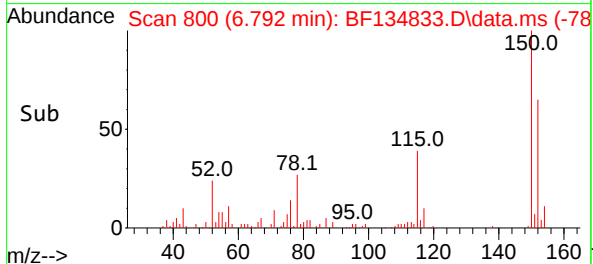
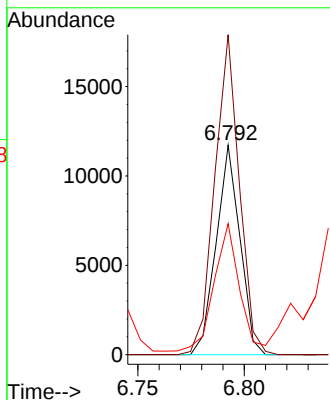
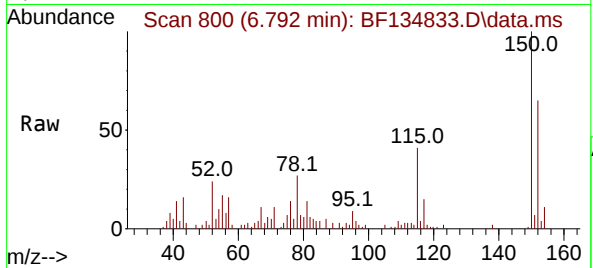




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

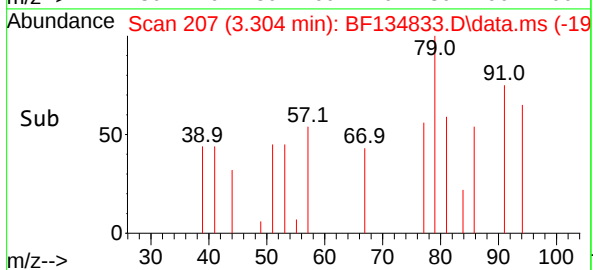
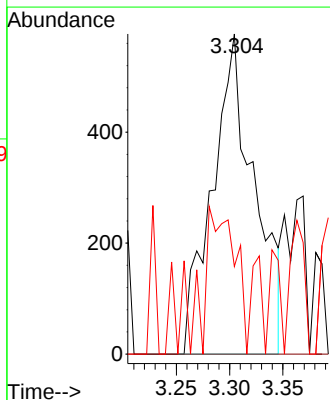
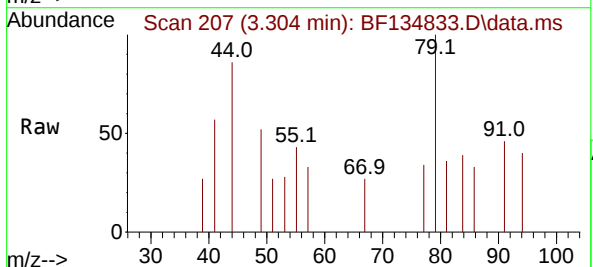
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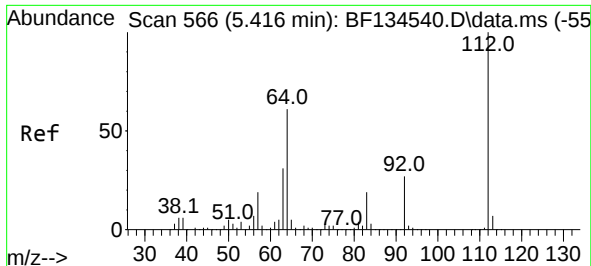
Tgt Ion:152 Resp: 9105
Ion Ratio Lower Upper
152 100
150 152.8 128.3 192.5
115 62.6 52.4 78.6



#3
Pyridine
Concen: 2.135 ng
RT: 3.304 min Scan# 207
Delta R.T. -0.000 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion: 79 Resp: 1594
Ion Ratio Lower Upper
79 100
52 0.0 66.6 100.0#
51 27.4 36.5 54.7#

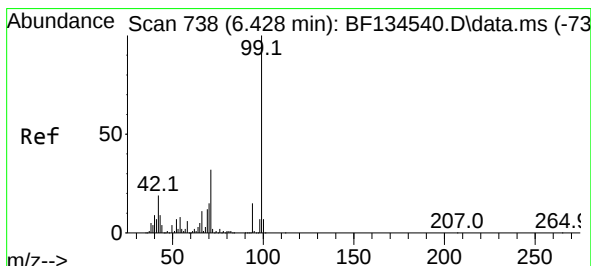
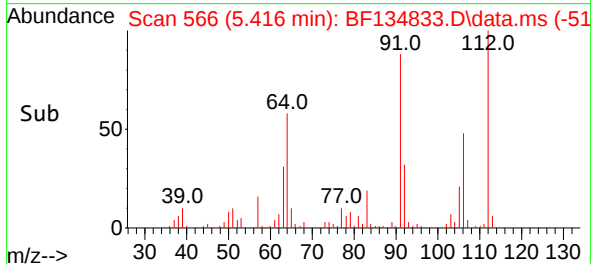
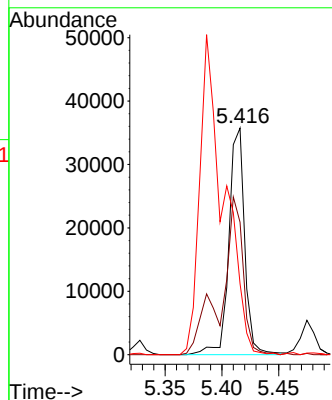
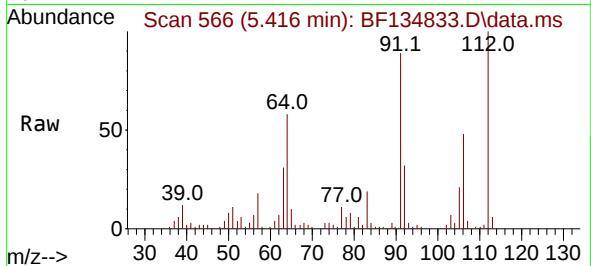




#5
2-Fluorophenol
Concen: 57.610 ng
RT: 5.416 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

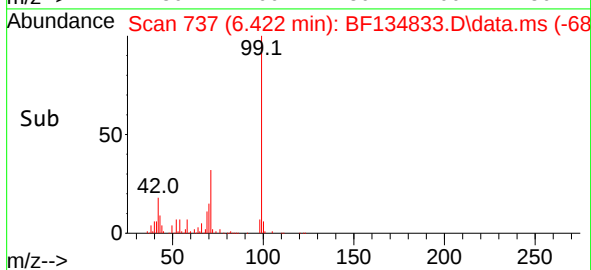
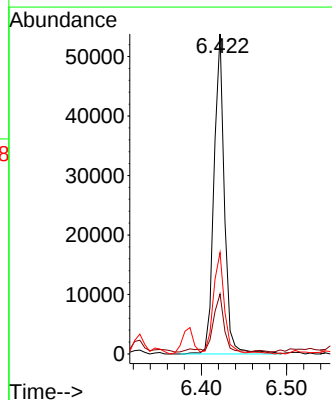
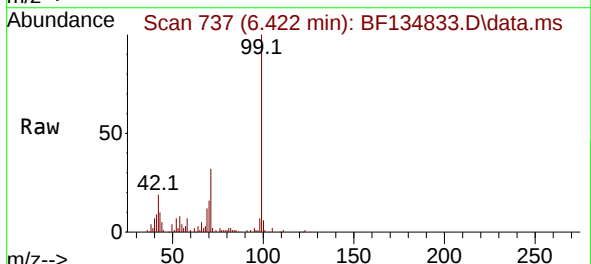
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

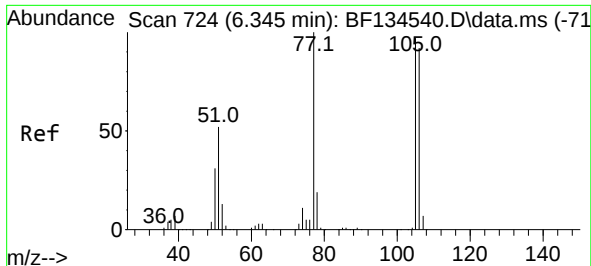
Tgt Ion:112 Resp: 34507
Ion Ratio Lower Upper
112 100
64 58.5 44.9 67.3
63 31.4 25.4 38.0



#7
Phenol-d6
Concen: 59.934 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.018 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion: 99 Resp: 45890
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1
71 31.7 36.4 54.6#





#9

Benzaldehyde

Concen: Below Cal

RT: 6.351 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

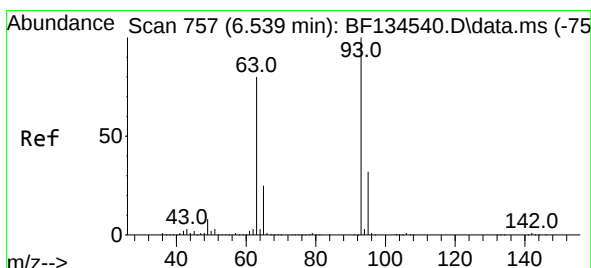
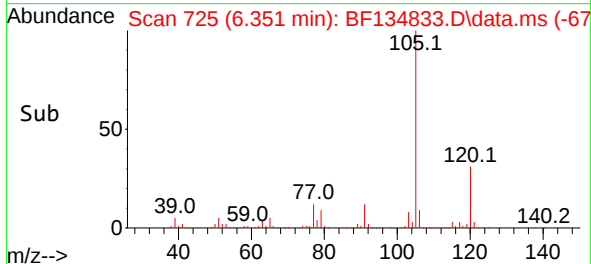
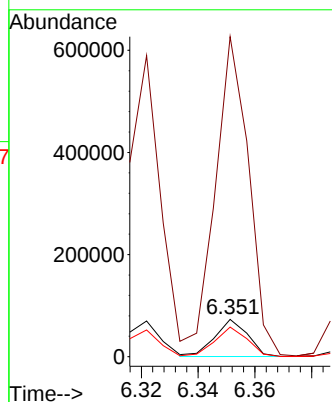
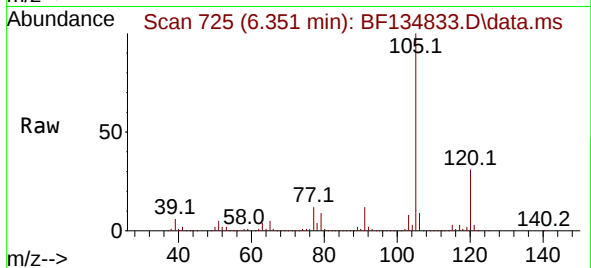
Tgt Ion: 77 Resp: 58421

Ion Ratio Lower Upper

77 100

105 858.0 77.1 117.1#

106 79.5 71.4 111.4



#11

bis(2-Chloroethyl)ether

Concen: 4.039 ng

RT: 6.487 min Scan# 748

Delta R.T. -0.059 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

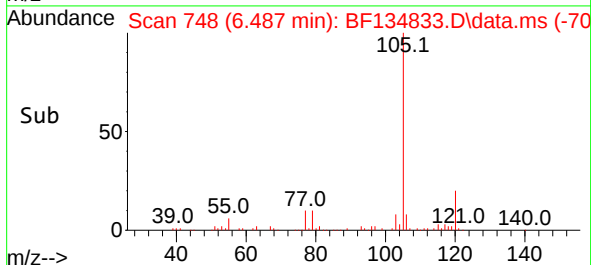
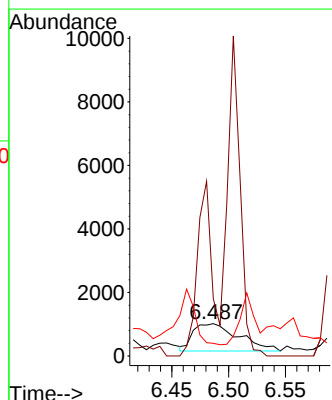
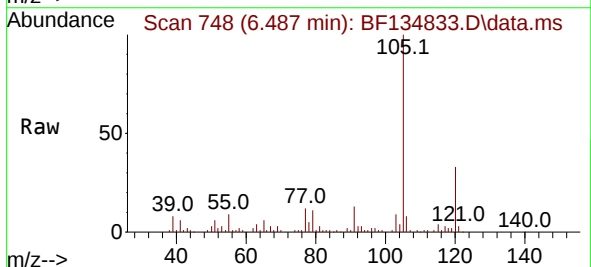
Tgt Ion: 93 Resp: 2421

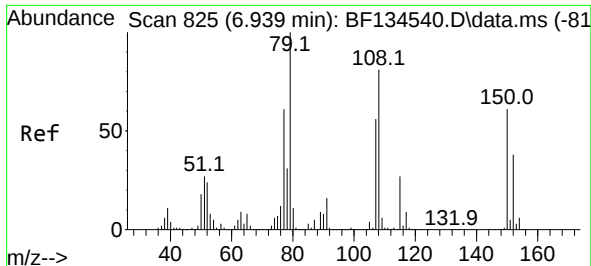
Ion Ratio Lower Upper

93 100

63 176.9 68.4 108.4#

95 39.3 12.4 52.4

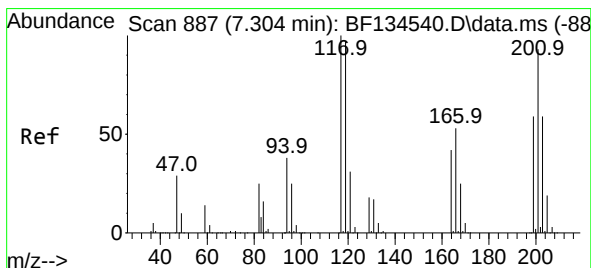
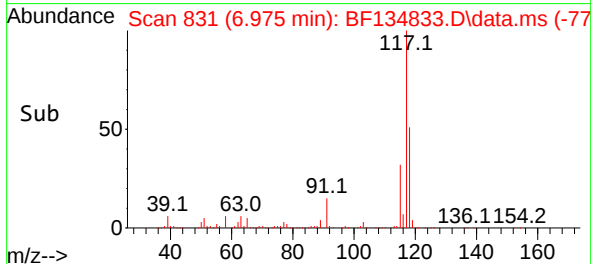
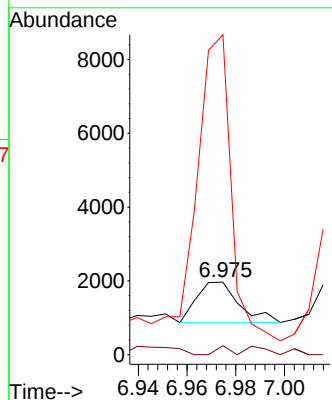
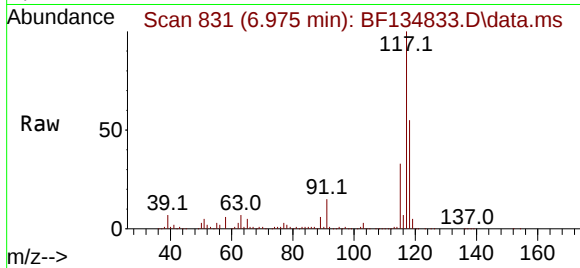




#15
Benzyl Alcohol
Concen: 2.524 ng
RT: 6.975 min Scan# 81
Delta R.T. 0.029 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

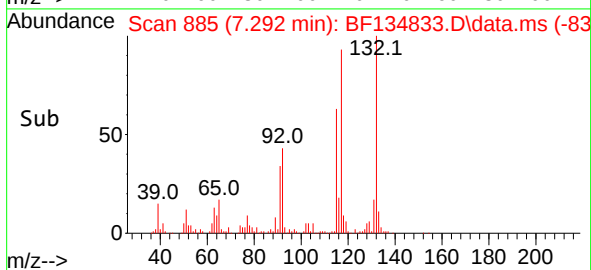
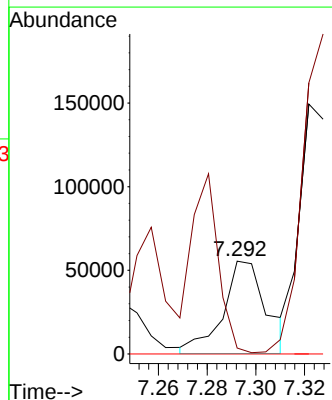
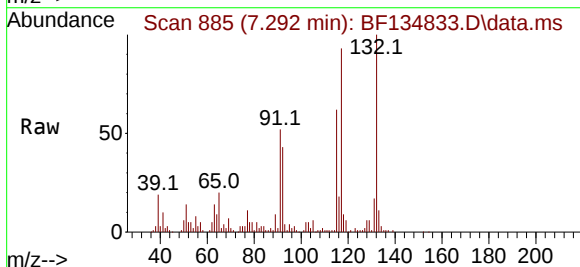
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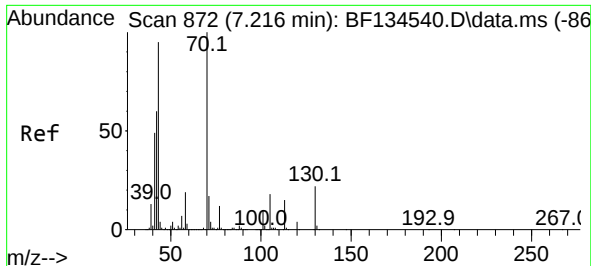
Tgt Ion: 79 Resp: 1333
Ion Ratio Lower Upper
79 100
108 12.3 56.3 84.5#
77 441.6 50.6 76.0#



#18
Hexachloroethane
Concen: 309.985 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion: 117 Resp: 68164
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.8#
201 0.0 73.6 110.4#





#19

n-Nitroso-di-n-propylamine

Concen: 3.272 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF134833.D

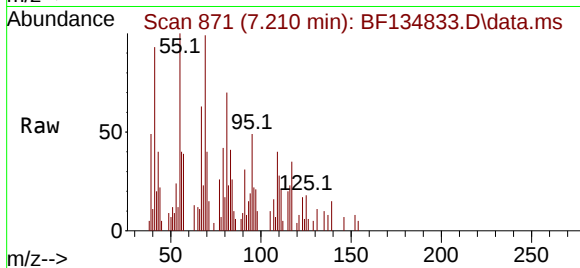
Acq: 18 Aug 2023 10:32

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84



Tgt Ion: 70 Resp: 1500

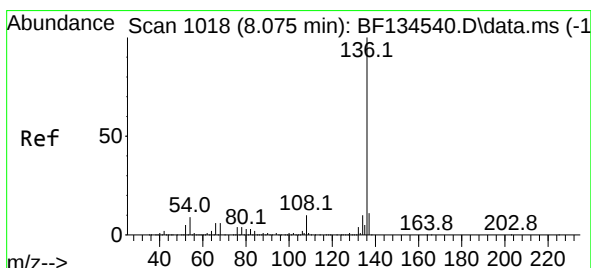
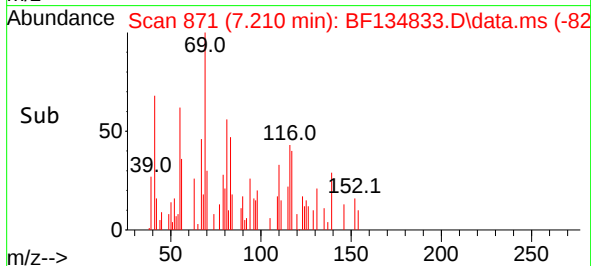
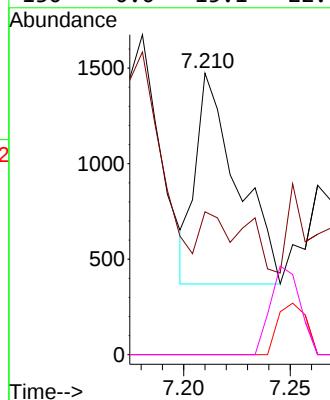
Ion Ratio Lower Upper

70 100

42 50.8 54.7 82.1#

101 0.0 8.2 12.2#

130 0.0 15.1 22.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

Tgt Ion: 136 Resp: 26601

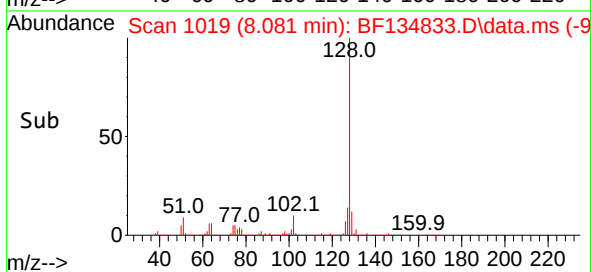
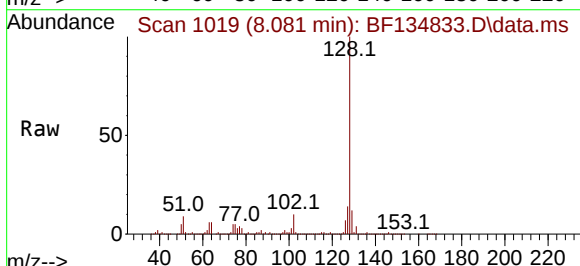
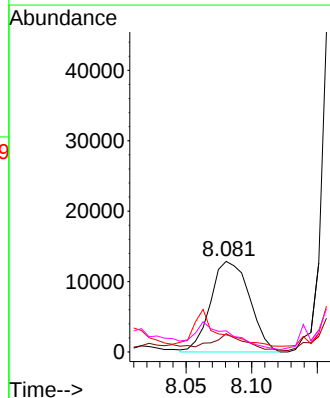
Ion Ratio Lower Upper

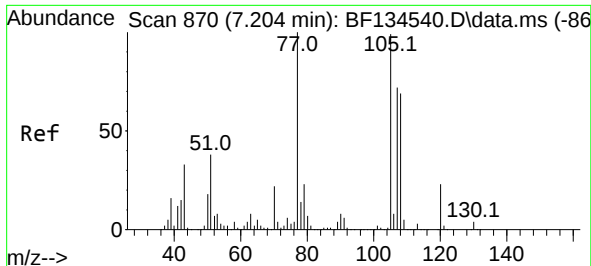
136 100

137 20.2 8.4 12.6#

54 18.8 5.2 7.8#

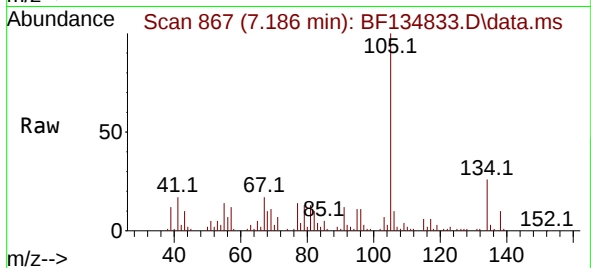
68 23.2 2.9 4.3#



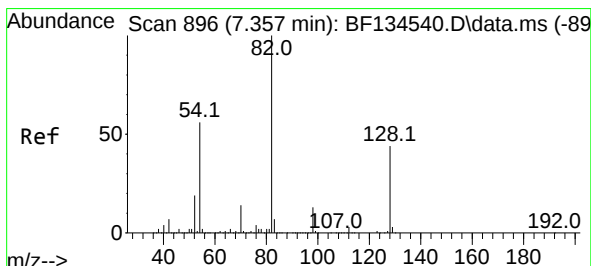
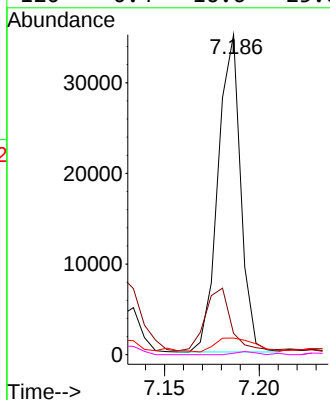
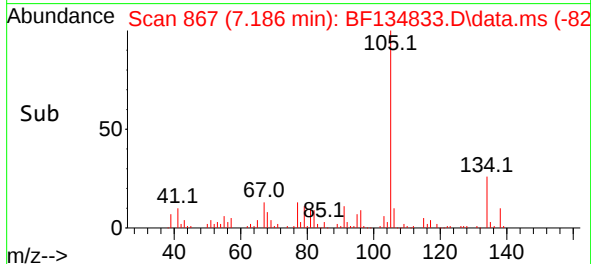


#22
Acetophenone
Concen: 47.336 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.029 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

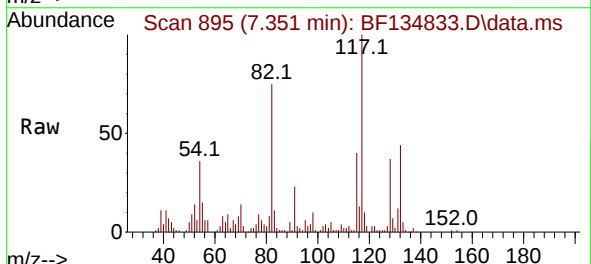
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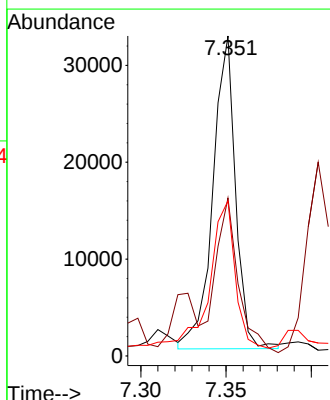
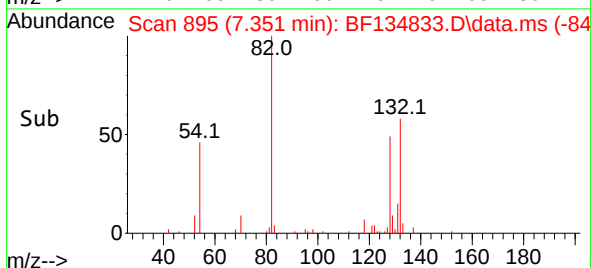
Tgt Ion:105 Resp: 29069
Ion Ratio Lower Upper
105 100
71 6.7 7.4 11.0#
51 5.2 36.4 54.6#
120 0.4 16.6 25.0#

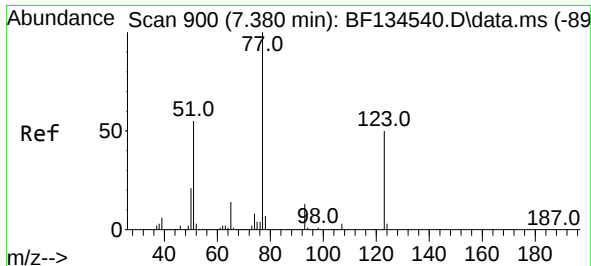


#23
Nitrobenzene-d5
Concen: 70.276 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32



Tgt Ion: 82 Resp: 29914
Ion Ratio Lower Upper
82 100
128 49.4 34.3 51.5
54 48.5 43.8 65.6

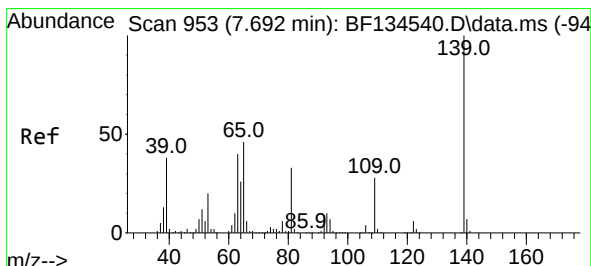
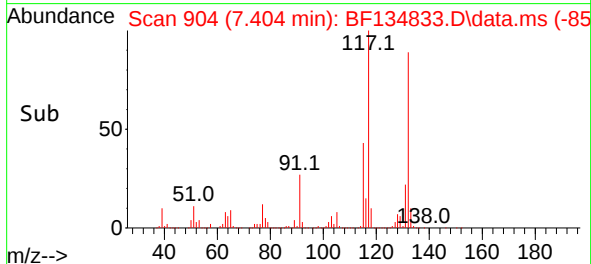
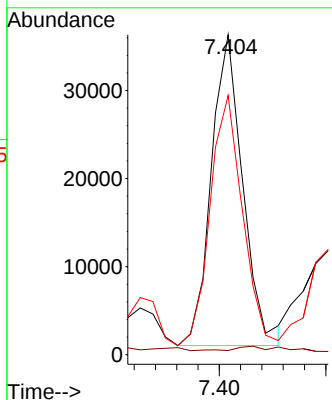
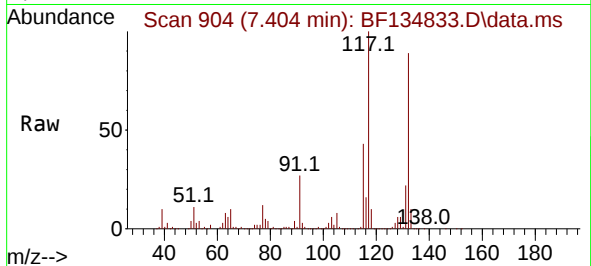




#24
Nitrobenzene
Concen: 78.918 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.018 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

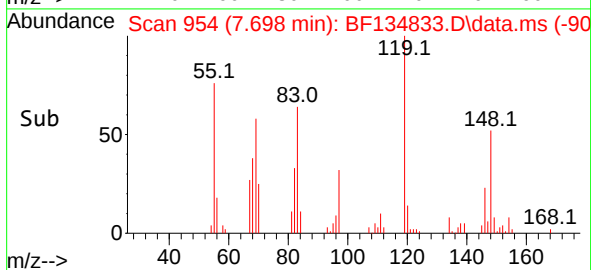
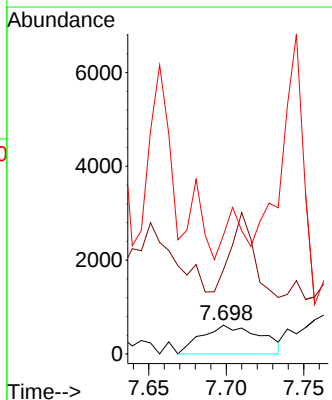
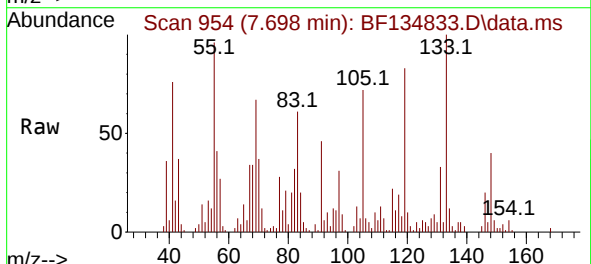
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

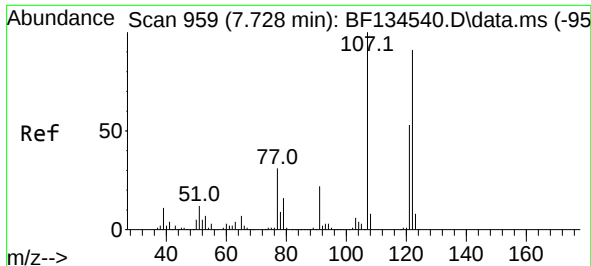
Tgt Ion: 77 Resp: 36292
Ion Ratio Lower Upper
77 100
123 1.3 35.5 53.3#
65 81.0 11.9 17.9#



#26
2-Nitrophenol
Concen: 12.203 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion: 139 Resp: 1611
Ion Ratio Lower Upper
139 100
109 293.3 29.8 44.6#
65 413.5 45.4 68.2#





#27

2,4-Dimethylphenol

Concen: 5.634 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

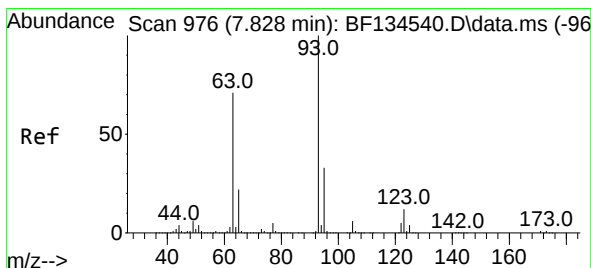
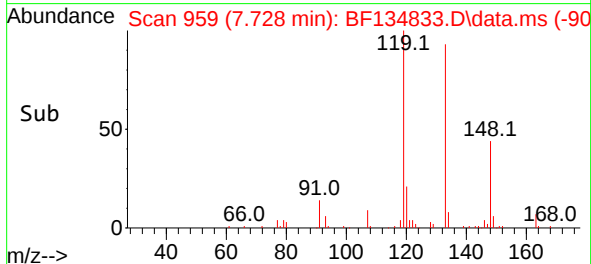
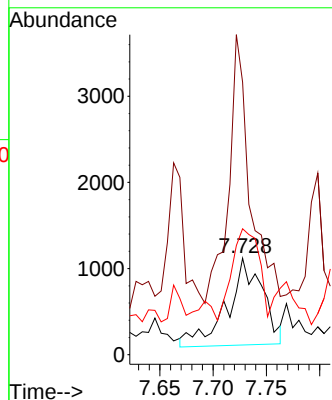
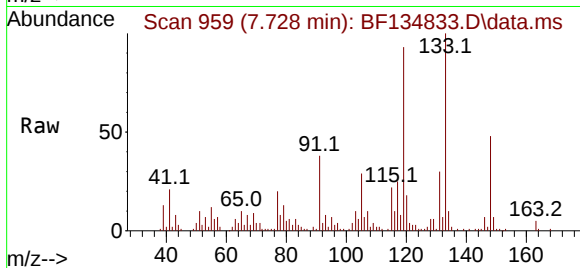
Tgt Ion:122 Resp: 2334

Ion Ratio Lower Upper

122 100

107 282.2 106.7 160.1#

121 130.5 49.0 73.6#



#28

bis(2-Chloroethoxy)methane

Concen: 6.246 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.018 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

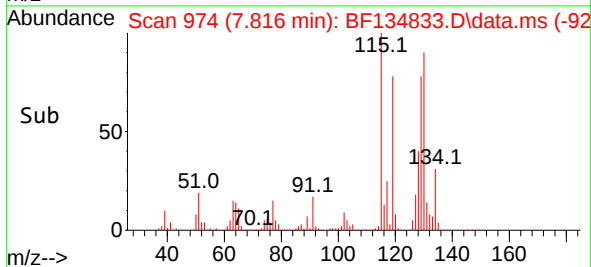
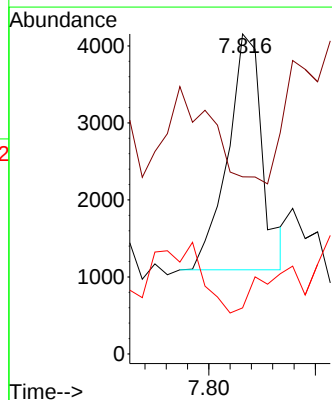
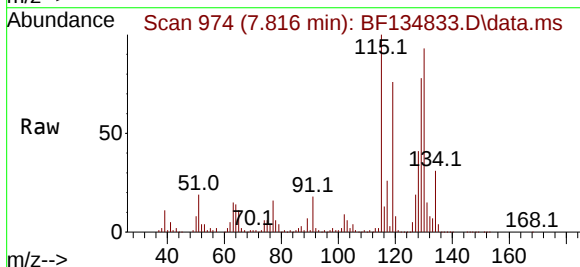
Tgt Ion: 93 Resp: 3469

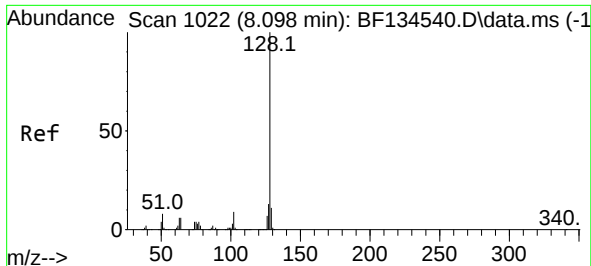
Ion Ratio Lower Upper

93 100

95 55.3 26.5 39.7#

123 14.4 9.6 14.4

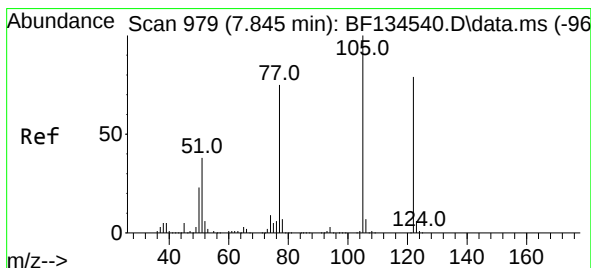
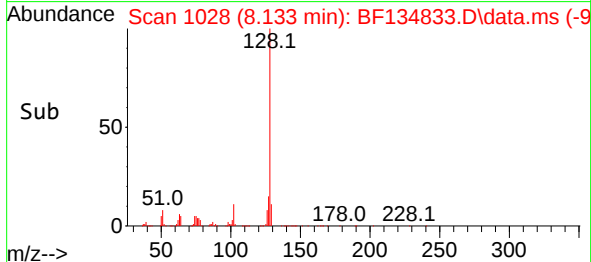
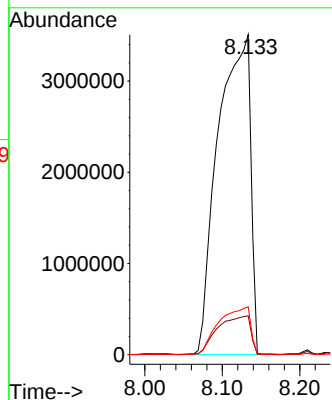
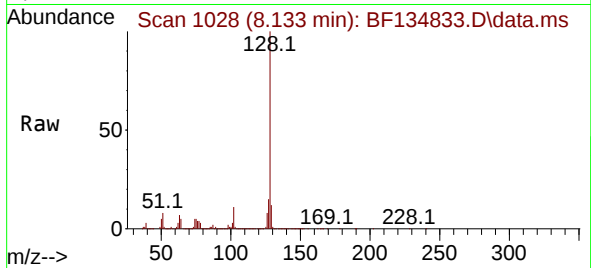




#31
Naphthalene
Concen: 7620.959 ng
RT: 8.133 min Scan# 1022
Delta R.T. 0.029 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

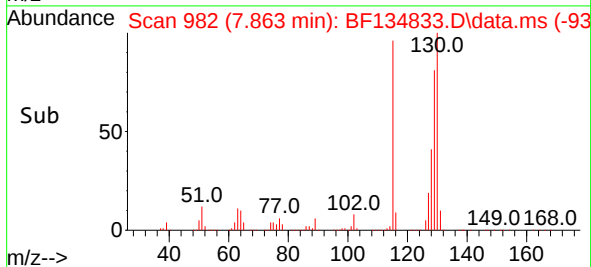
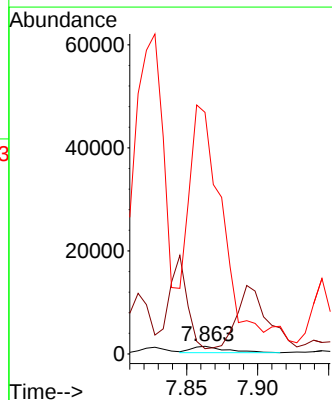
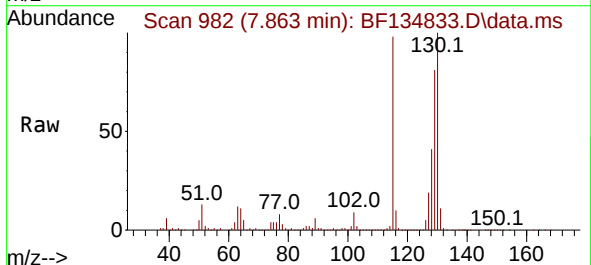
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

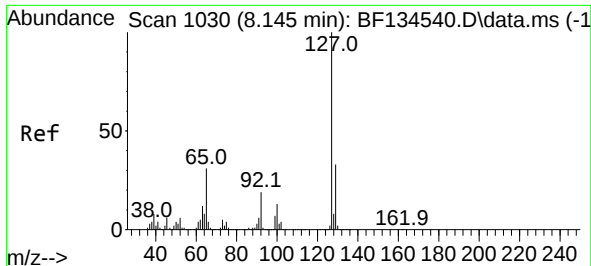
Tgt Ion:128 Resp:10188586
Ion Ratio Lower Upper
128 100
129 12.1 8.4 12.6
127 14.9 10.7 16.1



#32
Benzoic acid
Concen: 14.451 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion:122 Resp: 2128
Ion Ratio Lower Upper
122 100
105 69.5 87.5 127.5#
77 3135.3 71.4 111.4#



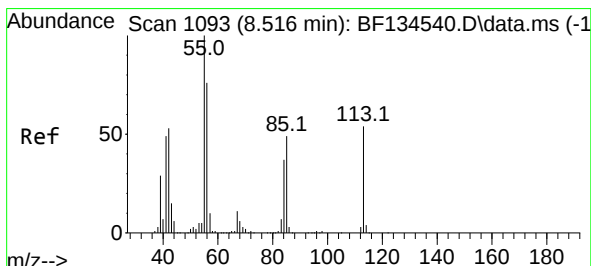
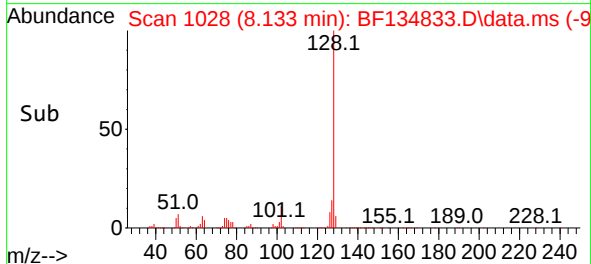
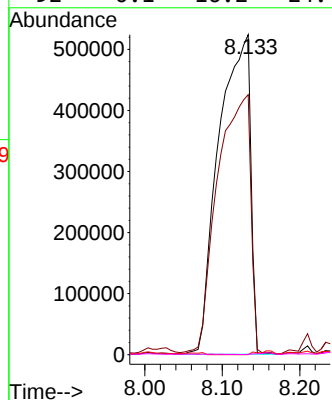
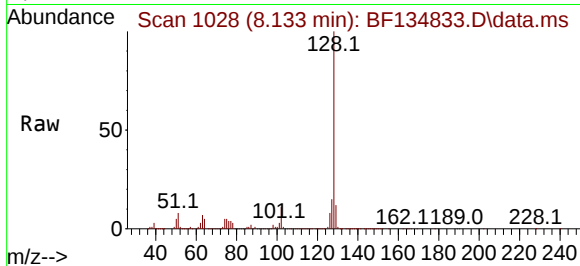


#33
4-Chloroaniline
Concen: 2493.692 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

Tgt Ion:127 Resp: 1485473

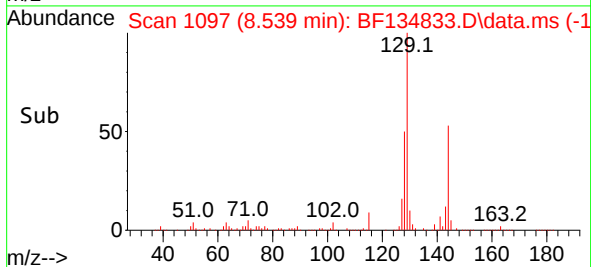
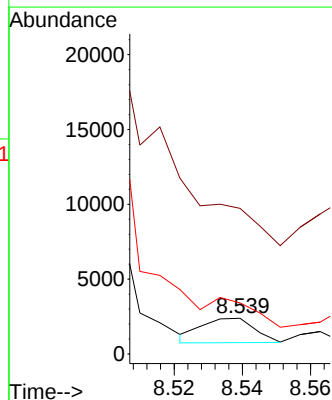
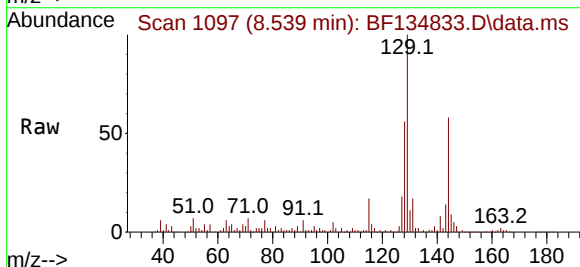
Ion	Ratio	Lower	Upper
127	100		
129	81.2	25.6	38.4#
65	0.0	25.4	38.0#
92	0.1	16.2	24.4#

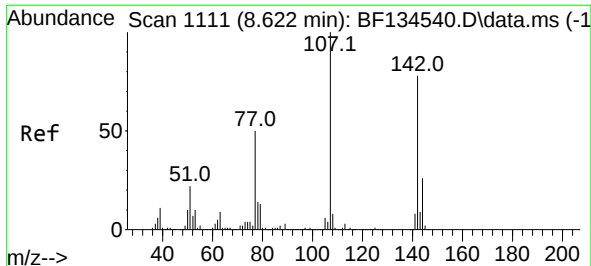


#35
Caprolactam
Concen: 14.518 ng
RT: 8.539 min Scan# 1097
Delta R.T. 0.006 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion:113 Resp: 1761

Ion	Ratio	Lower	Upper
113	100		
55	408.2	161.5	201.5#
56	143.3	117.8	157.8

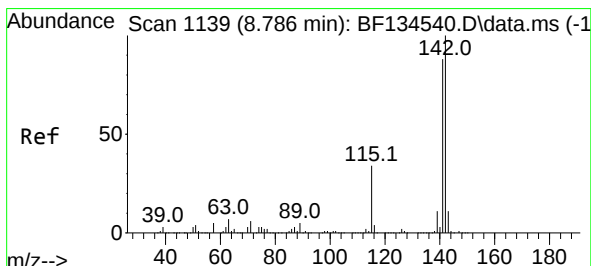
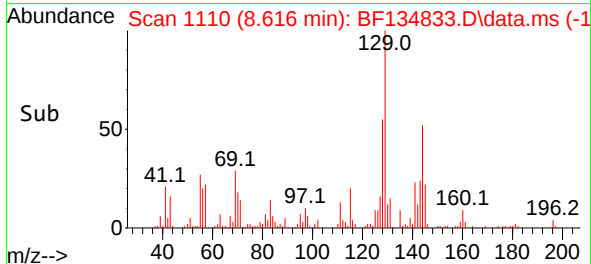
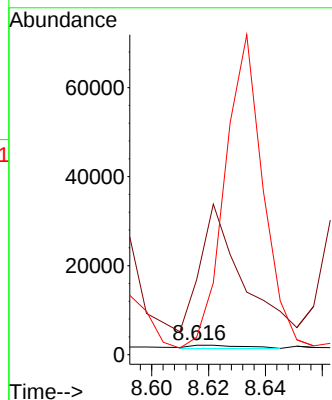
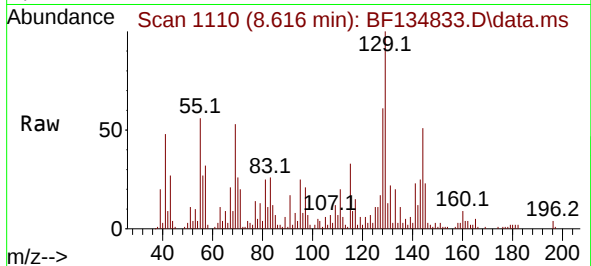




#36
4-Chloro-3-methylphenol
Concen: 2.461 ng
RT: 8.616 min Scan# 1111
Delta R.T. -0.018 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

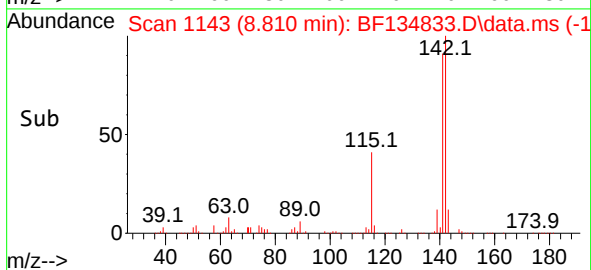
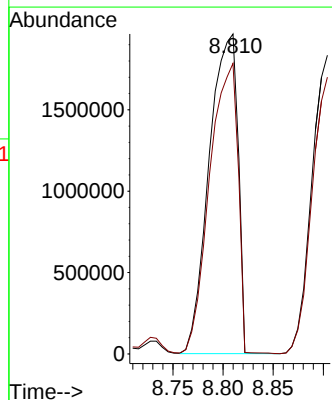
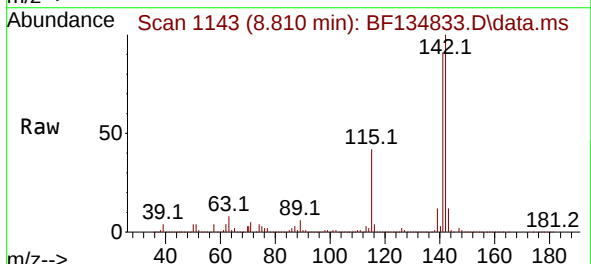
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

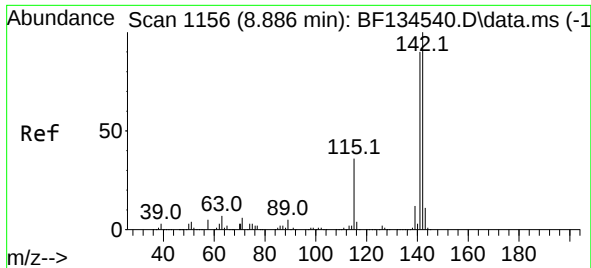
Tgt Ion:107 Resp: 980
Ion Ratio Lower Upper
107 100
144 790.3 19.6 29.4#
142 183.9 57.7 86.5#



#37
2-Methylnaphthalene
Concen: 4395.601 ng
RT: 8.810 min Scan# 1143
Delta R.T. 0.018 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion:142 Resp: 3895201
Ion Ratio Lower Upper
142 100
141 90.8 70.8 106.2

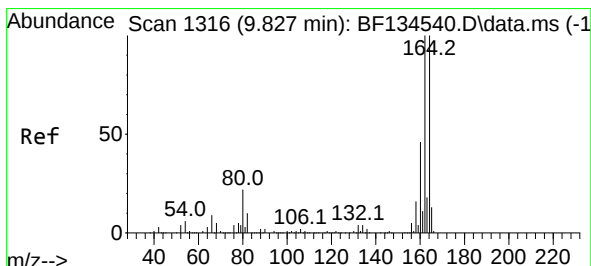
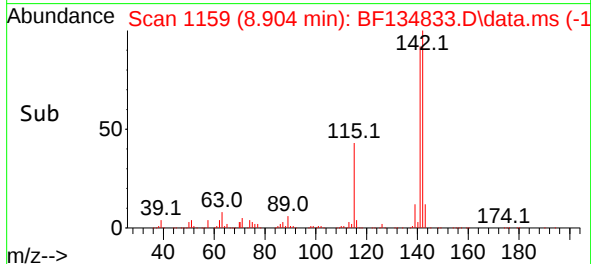
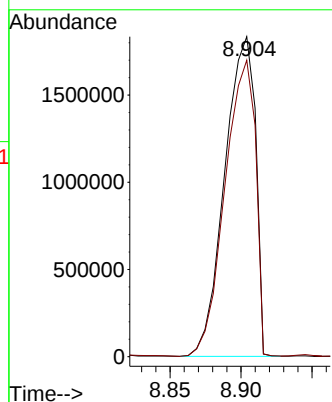
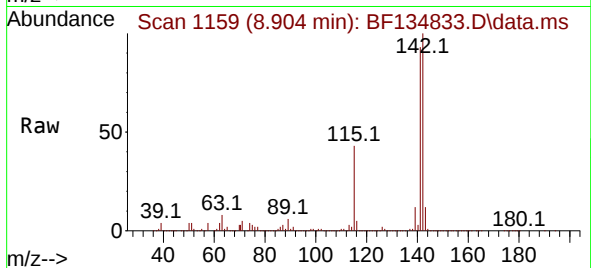




#38
1-Methylnaphthalene
Concen: 3352.534 ng
RT: 8.904 min Scan# 1156
Delta R.T. 0.012 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

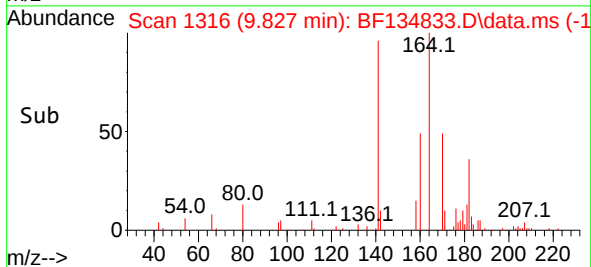
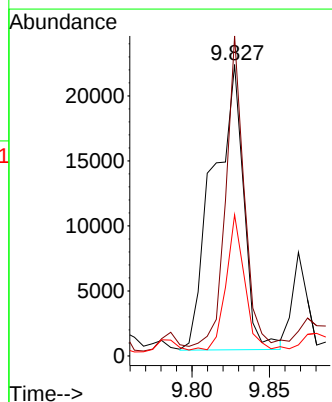
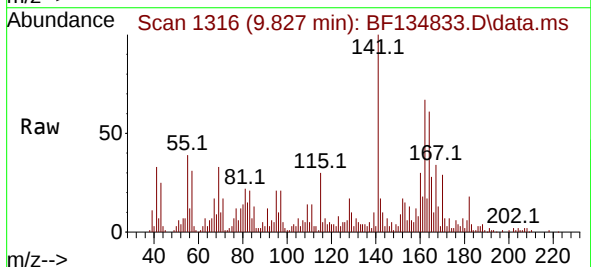
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

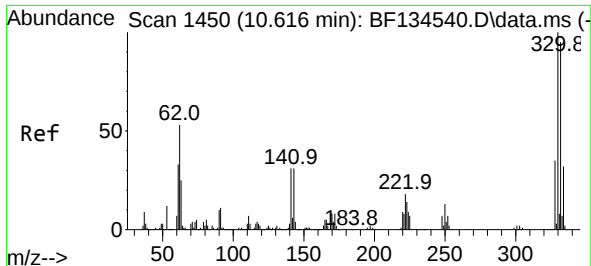
Tgt Ion:142 Resp: 2762597
Ion Ratio Lower Upper
142 100
141 92.7 71.4 107.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion:164 Resp: 30217
Ion Ratio Lower Upper
164 100
162 109.8 82.6 123.8
160 48.4 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 27.124 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

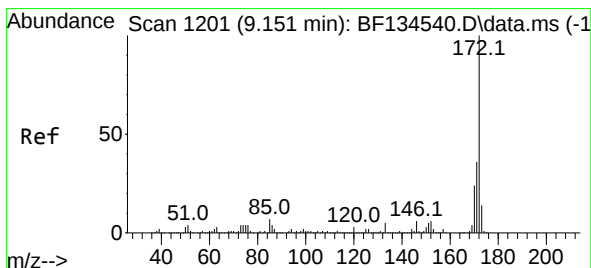
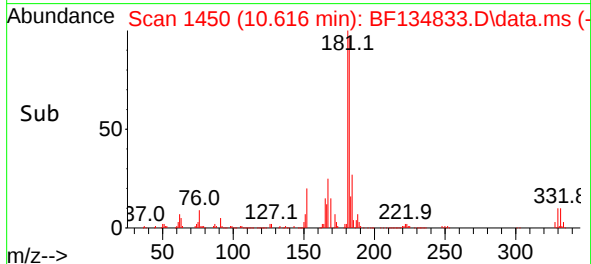
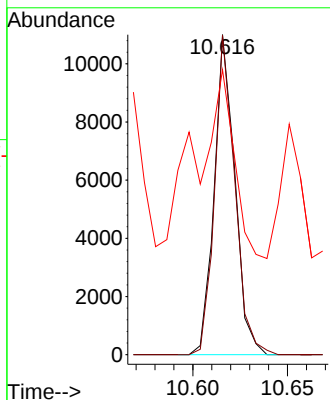
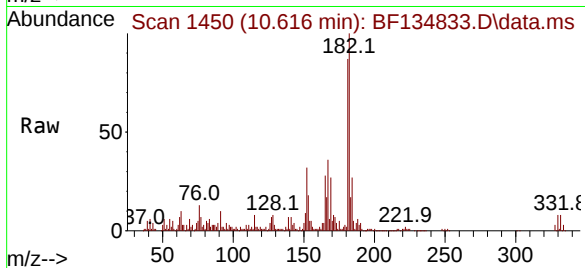
Tgt Ion:330 Resp: 8355

Ion Ratio Lower Upper

330 100

332 97.8 78.8 118.2

141 109.3 25.4 38.2#



#45

2-Fluorobiphenyl

Concen: 33.104 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

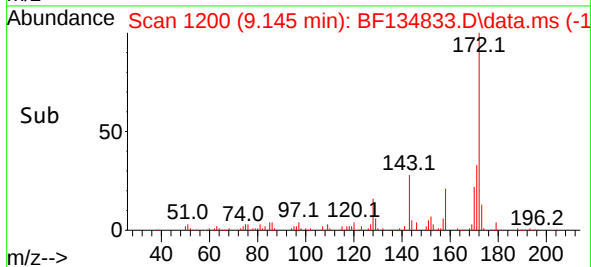
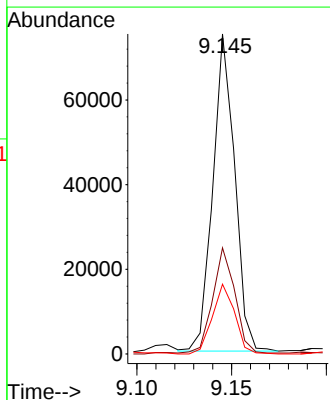
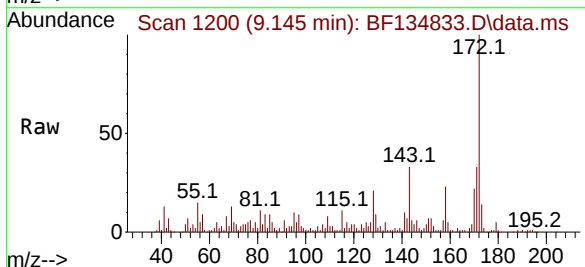
Tgt Ion:172 Resp: 60162

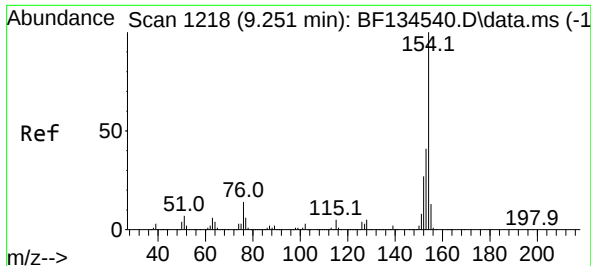
Ion Ratio Lower Upper

172 100

171 33.1 28.8 43.2

170 21.8 18.7 28.1





#46

1,1'-Biphenyl

Concen: 416.102 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

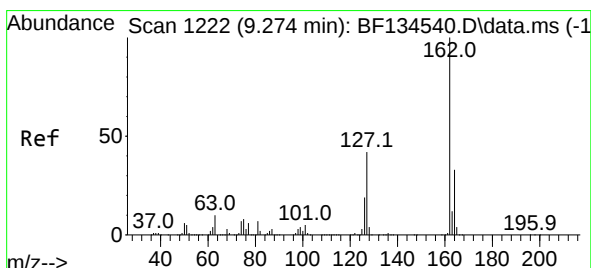
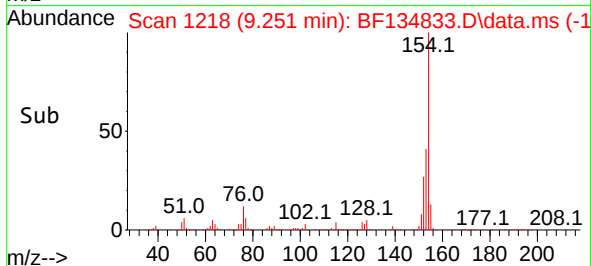
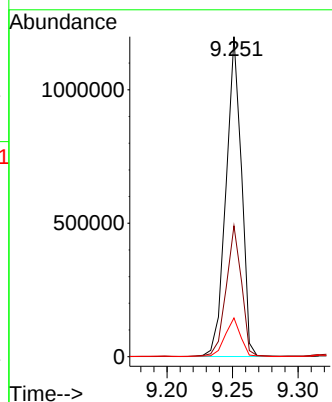
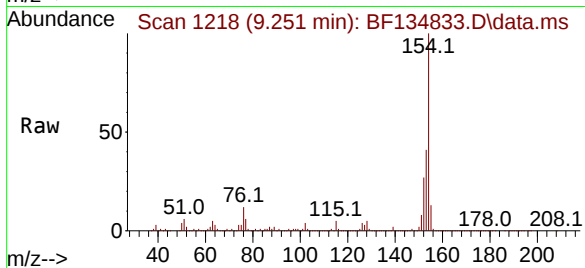
Tgt Ion:154 Resp: 977741

Ion Ratio Lower Upper

154 100

153 40.9 20.8 60.8

76 12.1 0.0 30.2



#47

2-Chloronaphthalene

Concen: 44.054 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.035 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

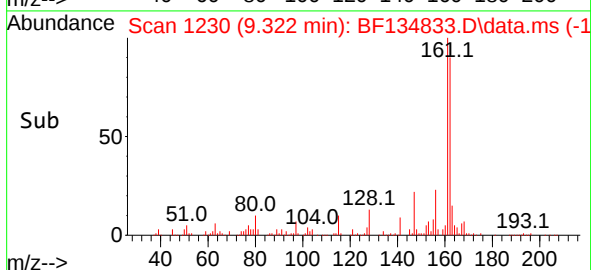
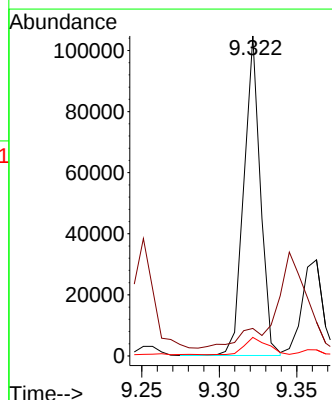
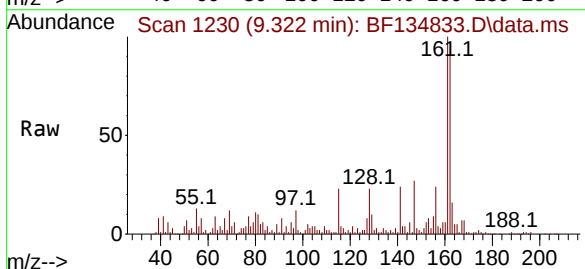
Tgt Ion:162 Resp: 77564

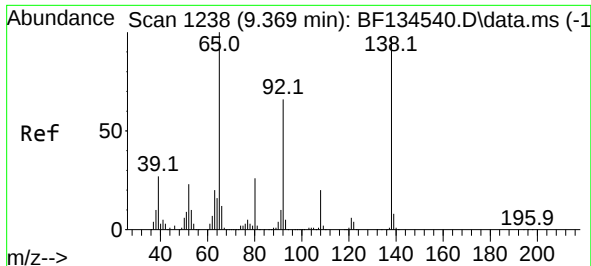
Ion Ratio Lower Upper

162 100

127 8.6 34.0 51.0#

164 5.8 25.7 38.5#

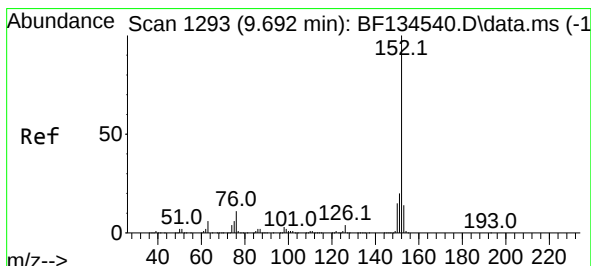
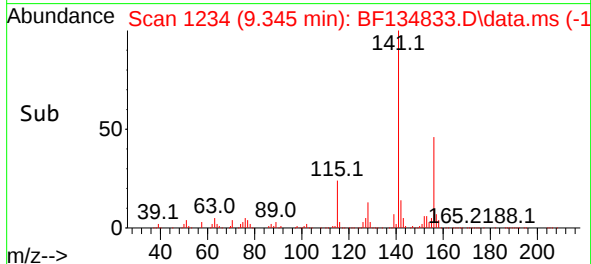
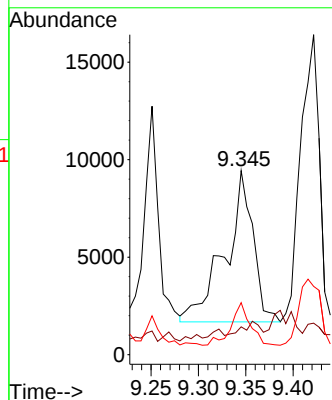
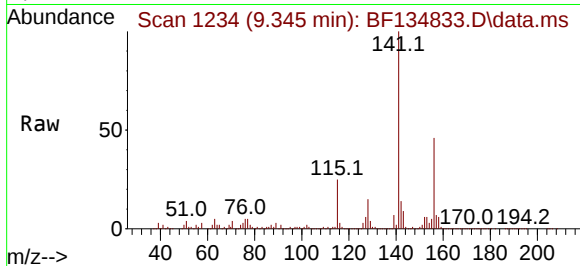




#48
2-Nitroaniline
Concen: 30.302 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.035 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

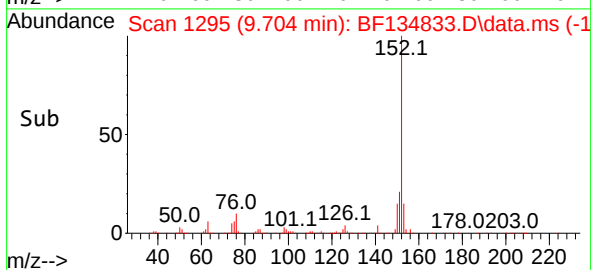
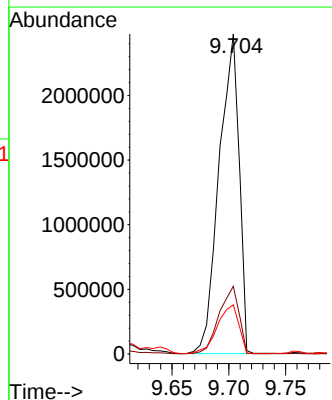
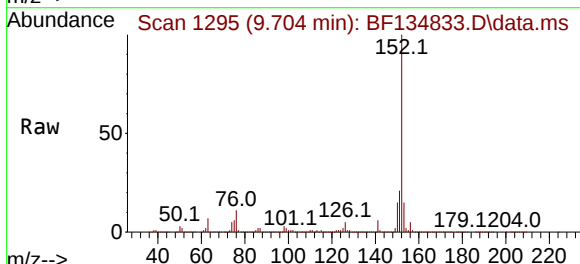
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

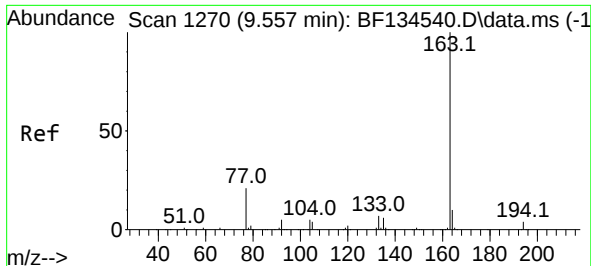
Tgt Ion: 65 Resp: 15947
Ion Ratio Lower Upper
65 100
92 15.1 50.7 76.1#
138 28.3 78.2 117.4#



#49
Acenaphthylene
Concen: 1096.199 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion: 152 Resp: 3033838
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 15.4 10.9 16.3

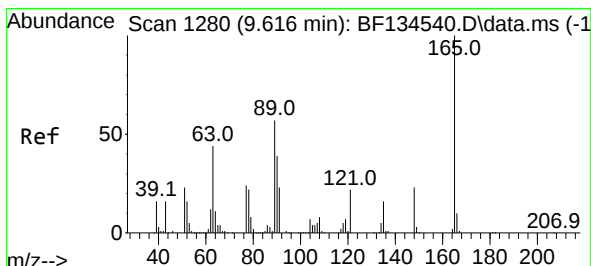
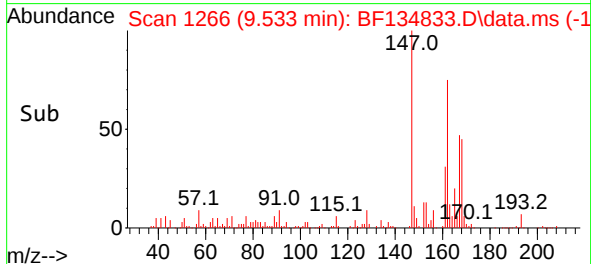
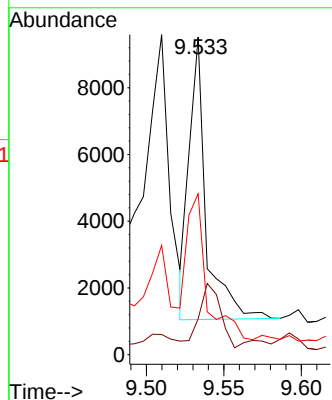
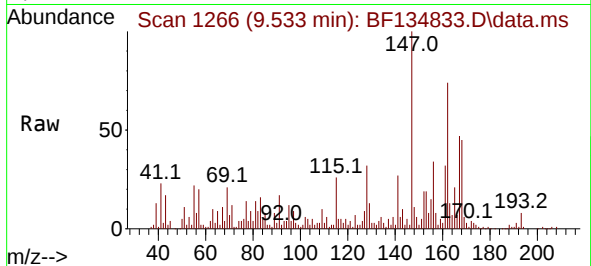




#50
Dimethylphthalate
Concen: 3.140 ng
RT: 9.533 min Scan# 11
Delta R.T. -0.035 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

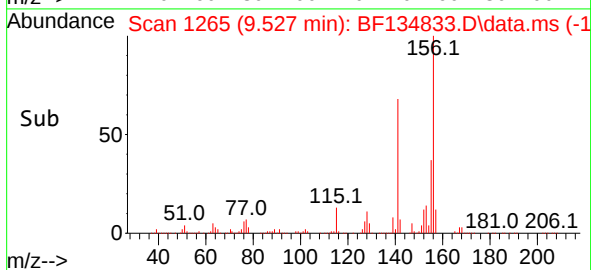
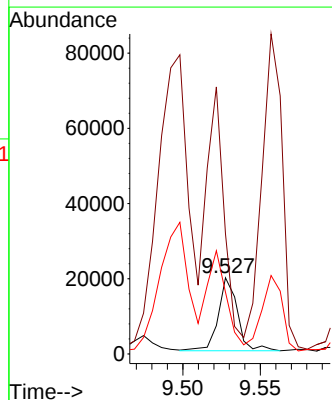
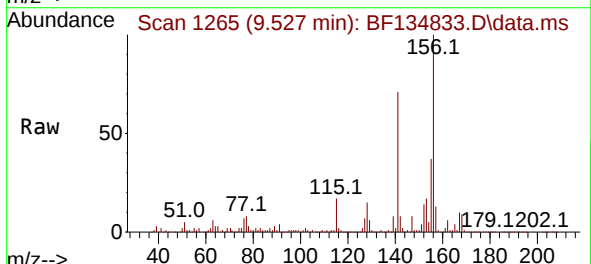
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

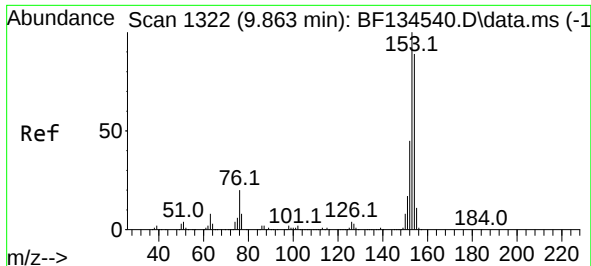
Tgt Ion:163 Resp: 6467
Ion Ratio Lower Upper
163 100
194 11.3 3.3 4.9#
164 50.6 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 39.877 ng
RT: 9.527 min Scan# 1265
Delta R.T. -0.100 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion:165 Resp: 16639
Ion Ratio Lower Upper
165 100
63 157.9 57.8 86.6#
89 81.3 51.8 77.8#

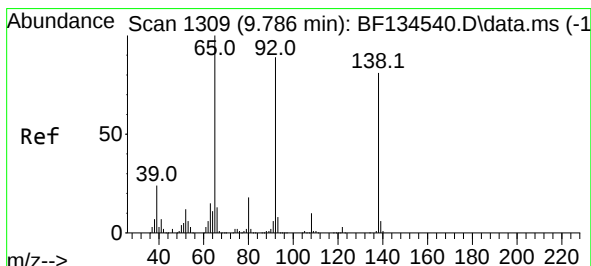
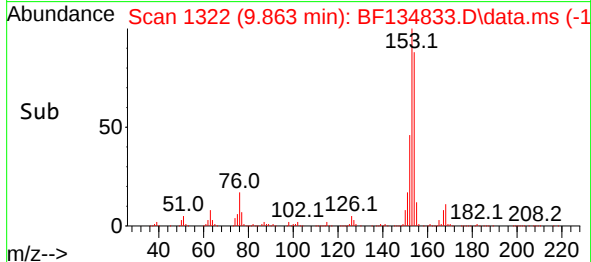
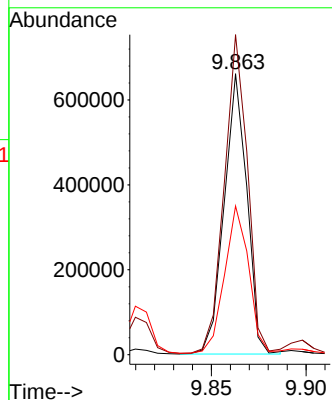
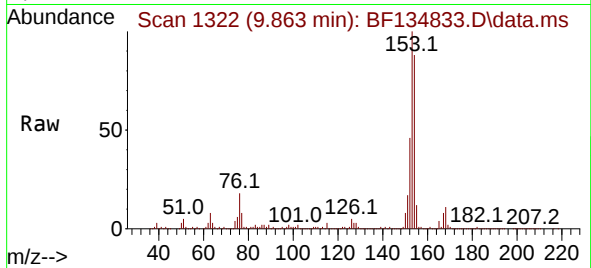




#52
Acenaphthene
Concen: 306.044 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

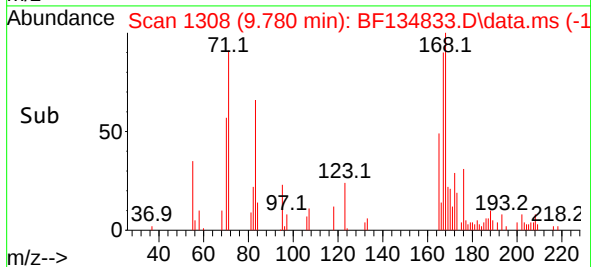
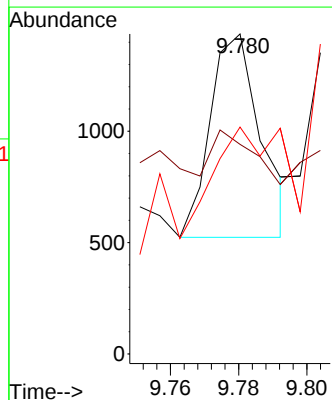
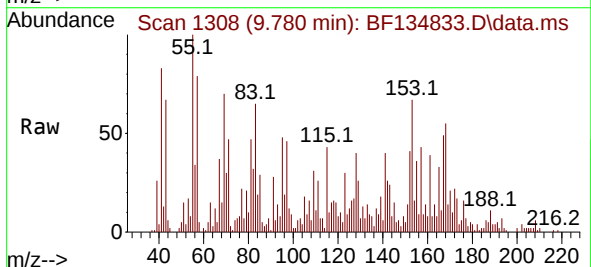
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

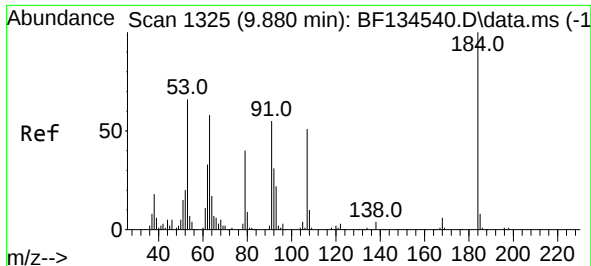
Tgt Ion:154 Resp: 548901
Ion Ratio Lower Upper
154 100
153 113.9 90.0 135.0
152 52.9 42.4 63.6



#53
3-Nitroaniline
Concen: 2.052 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion:138 Resp: 942
Ion Ratio Lower Upper
138 100
108 65.5 9.3 13.9#
92 70.9 86.6 129.8#

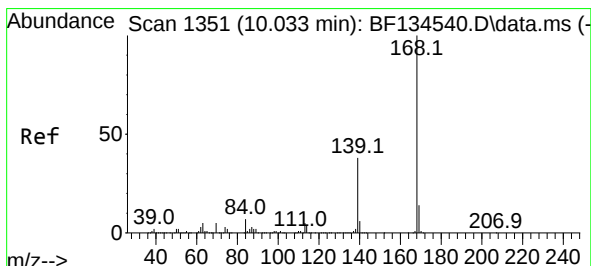
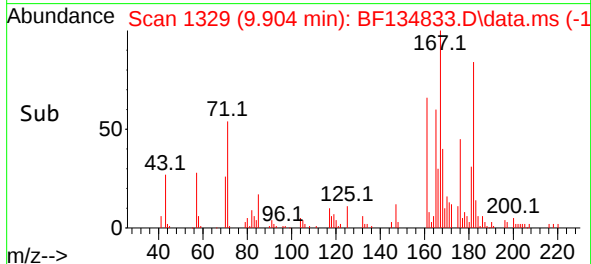
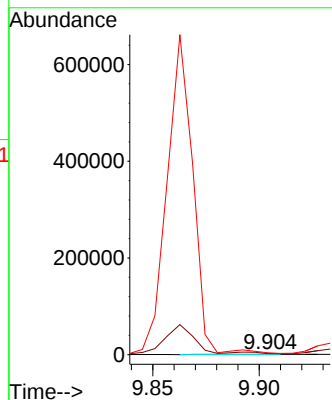
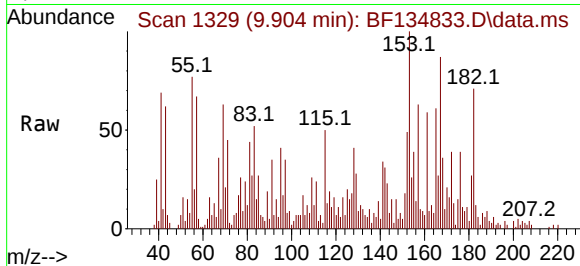




#54
2,4-Dinitrophenol
Concen: 17.637 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

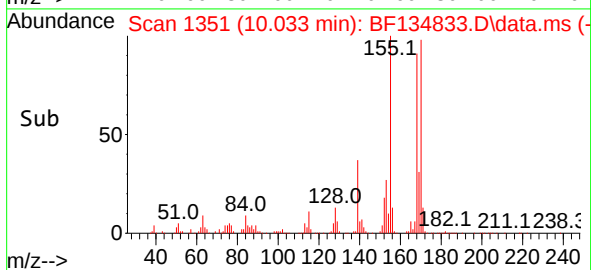
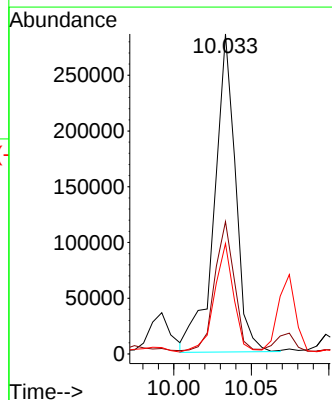
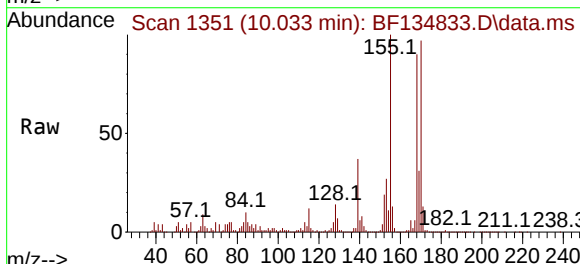
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

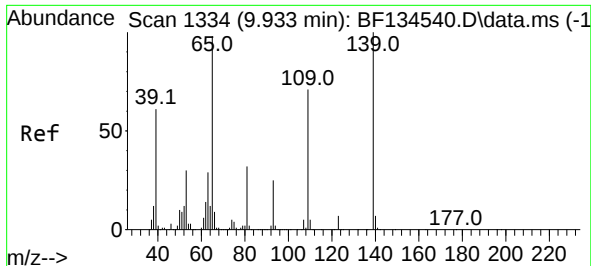
Tgt Ion:184 Resp: 1450
Ion Ratio Lower Upper
184 100
63 286.4 57.1 85.7#
154 448.4 59.1 88.7#



#55
Dibenzofuran
Concen: 106.467 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion:168 Resp: 271832
Ion Ratio Lower Upper
168 100
139 41.3 33.4 50.2
169 34.5 10.6 15.8#

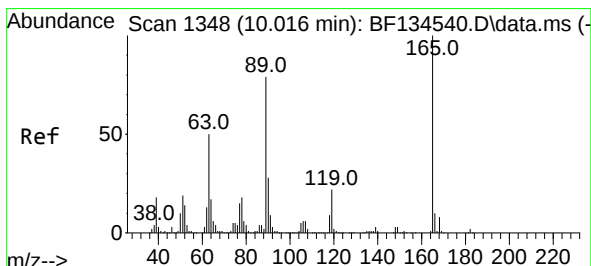
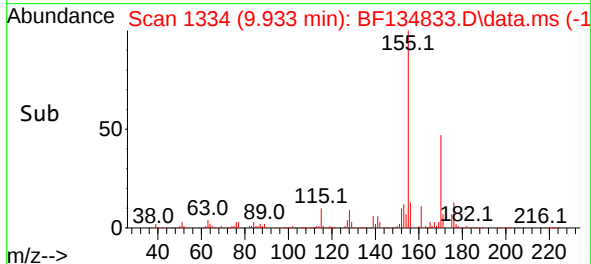
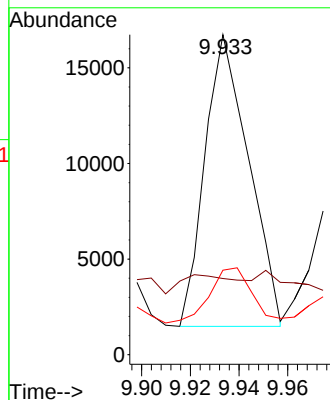
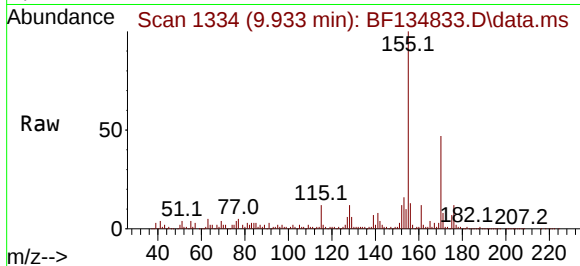




#56
4-Nitrophenol
Concen: 50.831 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

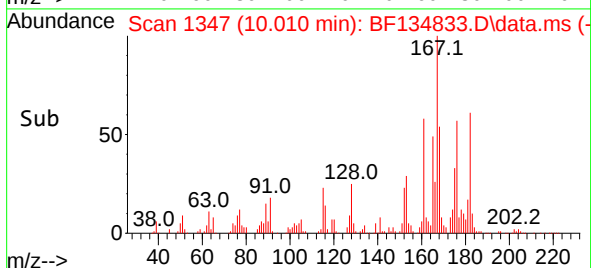
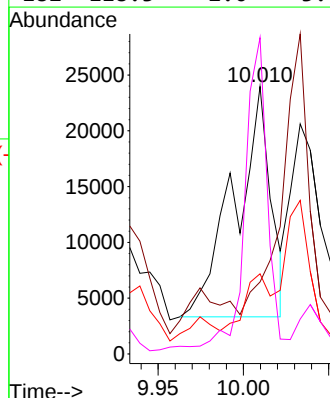
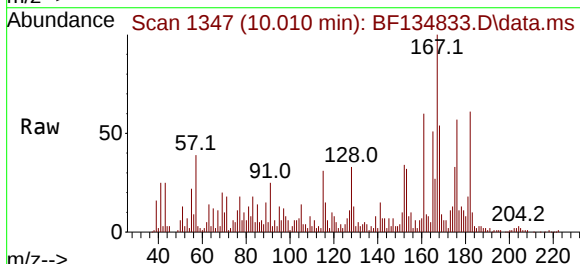
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

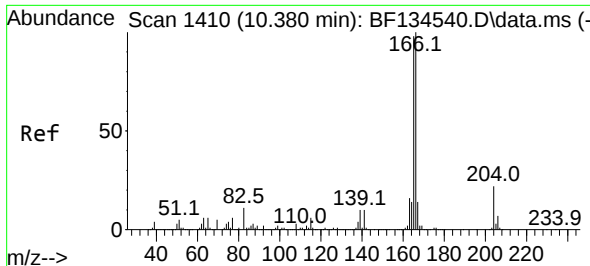
Tgt Ion:139 Resp: 19084
Ion Ratio Lower Upper
139 100
109 23.8 76.9 116.9#
65 26.4 98.5 138.5#



#57
2,4-Dinitrotoluene
Concen: 59.283 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.018 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion:165 Resp: 30578
Ion Ratio Lower Upper
165 100
63 26.9 48.9 73.3#
89 30.0 61.7 92.5#
182 118.3 2.0 3.0#

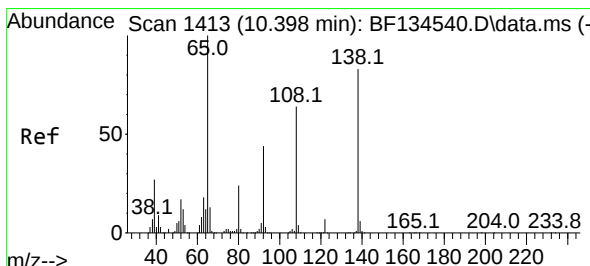
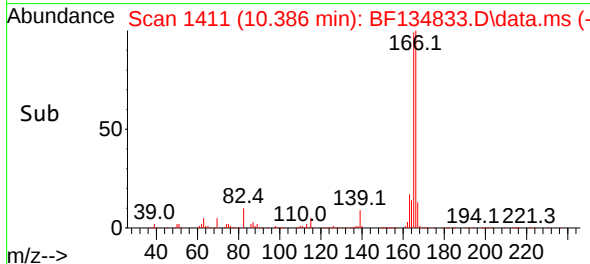
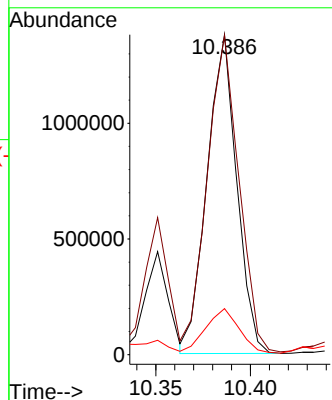
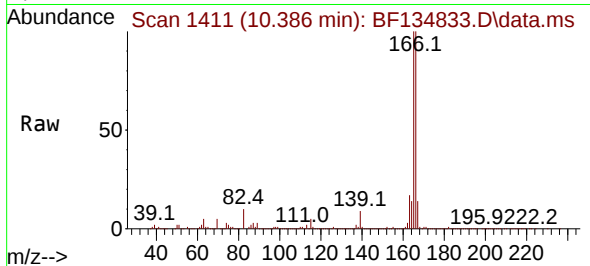




#58
Fluorene
Concen: 809.429 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

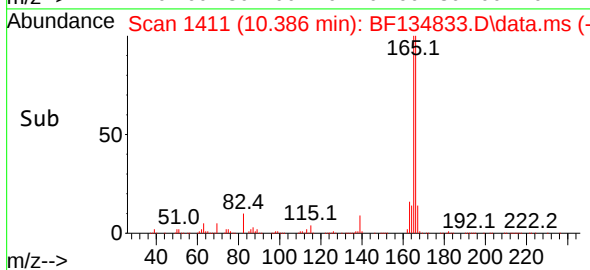
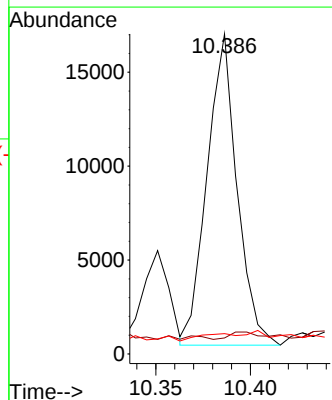
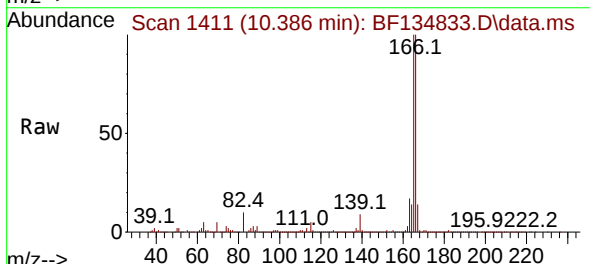
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

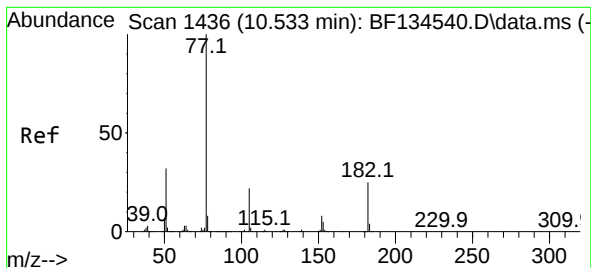
Tgt Ion:166 Resp: 1505296
Ion Ratio Lower Upper
166 100
165 99.8 74.5 111.7
167 14.4 10.6 16.0



#62
4-Nitroaniline
Concen: 40.537 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion:138 Resp: 18239
Ion Ratio Lower Upper
138 100
92 5.0 27.0 67.0#
108 6.3 70.4 110.4#





#63

Azobenzene

Concen: 4.785 ng

RT: 10.533 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

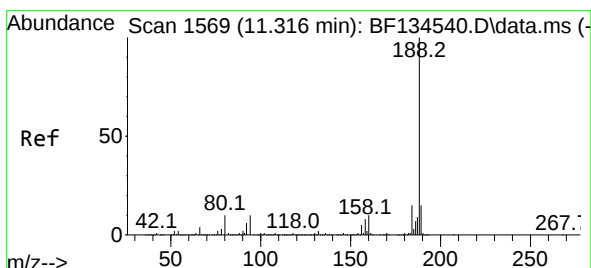
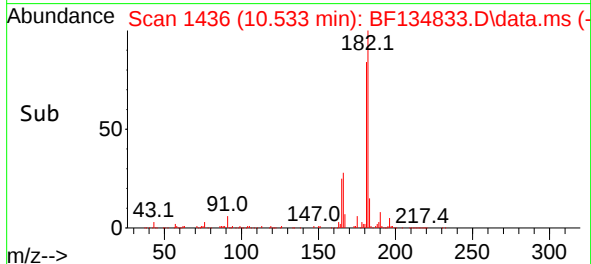
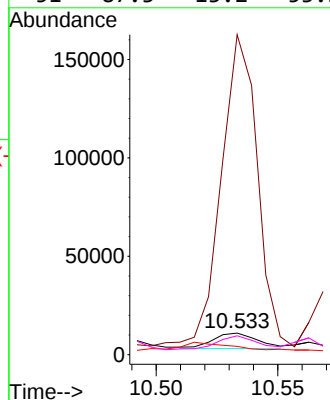
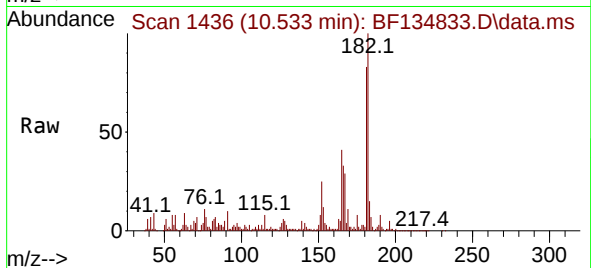
Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

Tgt Ion: 77	Resp: 10036
Ion Ratio	Lower Upper
77	100
182	1479.3 7.5 47.5#
105	38.4 1.9 41.9
51	87.3 13.2 53.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

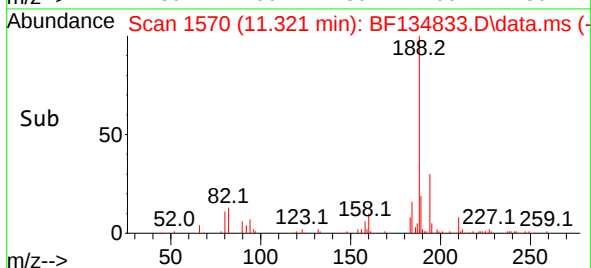
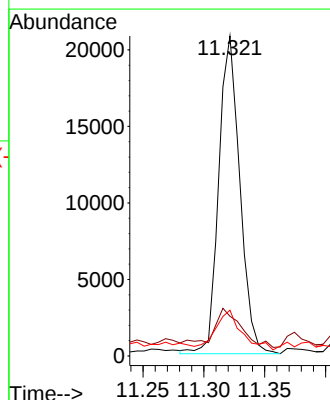
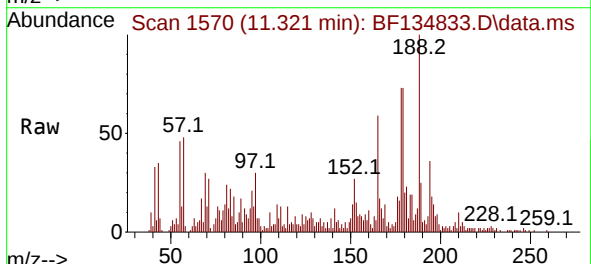
RT: 11.321 min Scan# 1570

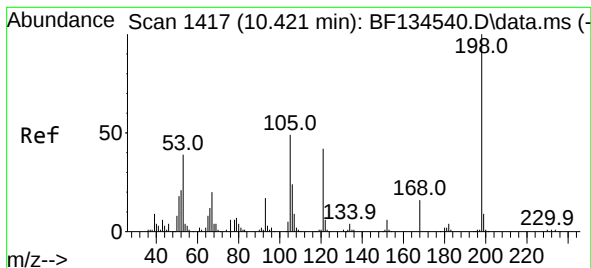
Delta R.T. -0.000 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

Tgt Ion: 188	Resp: 25063
Ion Ratio	Lower Upper
188	100
94	12.4 5.1 7.7#
80	14.3 6.6 9.8#

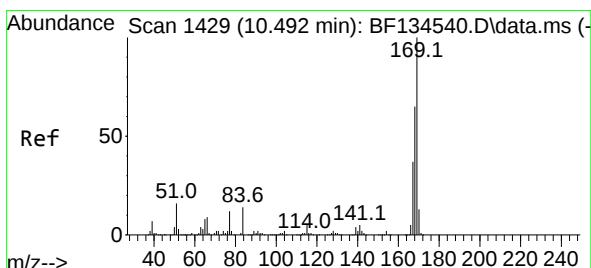
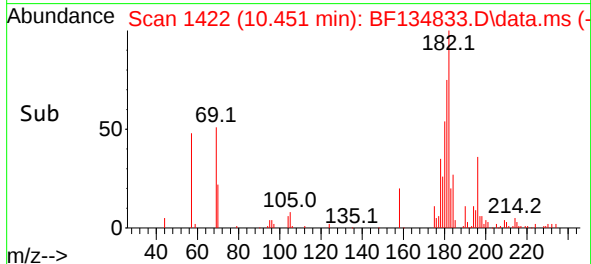
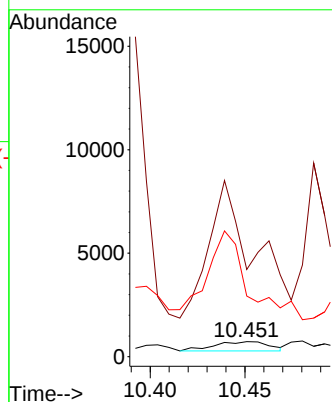
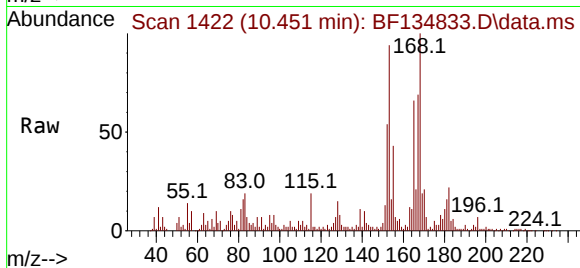




#65
4,6-Dinitro-2-methylphenol
Concen: 16.070 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

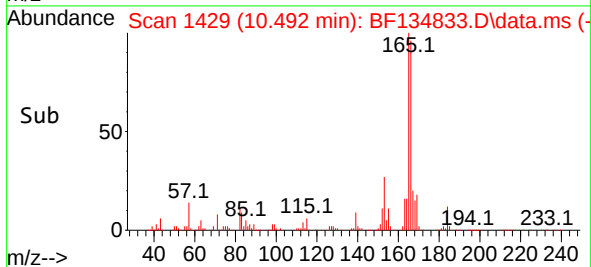
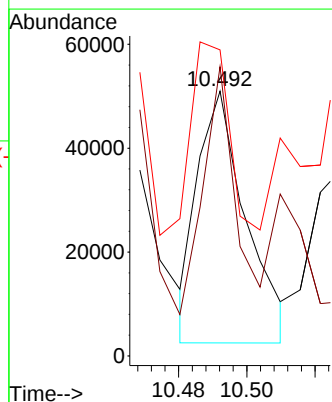
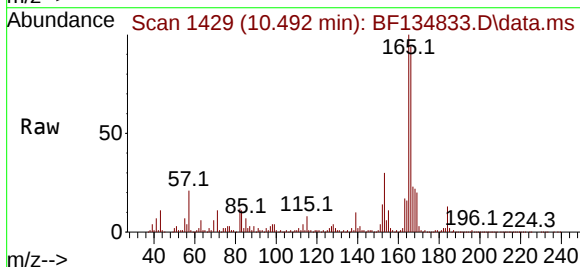
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

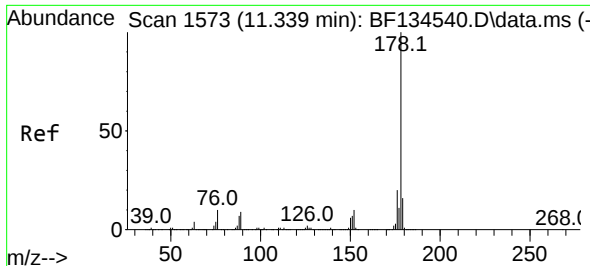
Tgt Ion:198 Resp: 912
Ion Ratio Lower Upper
198 100
51 577.7 38.6 78.6#
105 401.9 27.9 67.9#



#66
n-Nitrosodiphenylamine
Concen: 59.759 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion:169 Resp: 47672
Ion Ratio Lower Upper
169 100
168 109.3 52.6 78.8#
167 115.6 29.8 44.8#

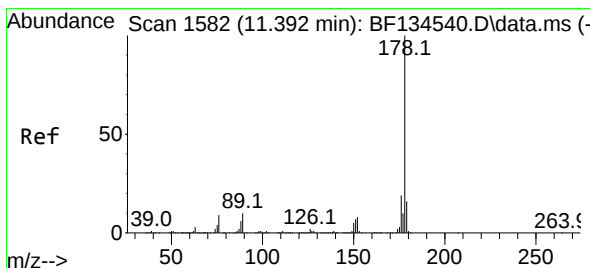
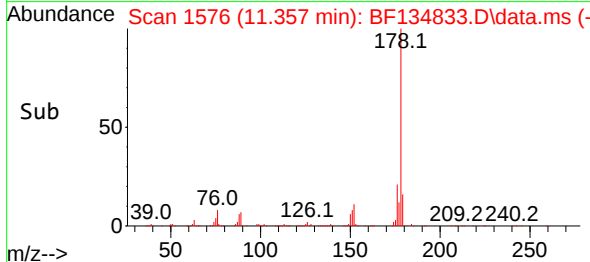
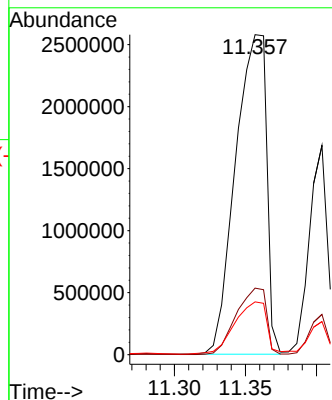
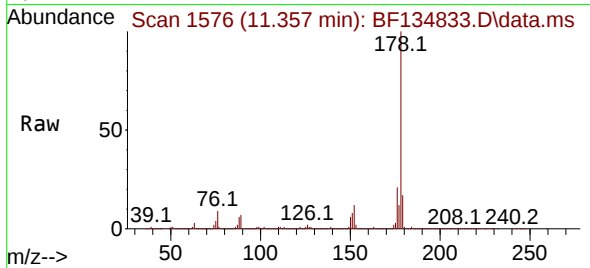




#71
Phenanthrene
Concen: 2939.085 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

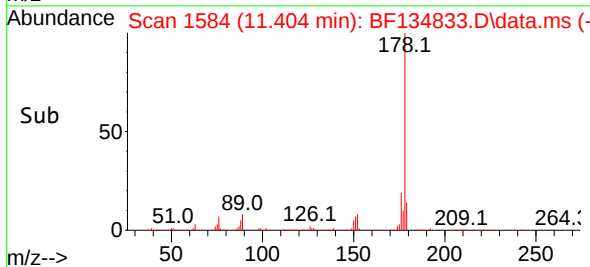
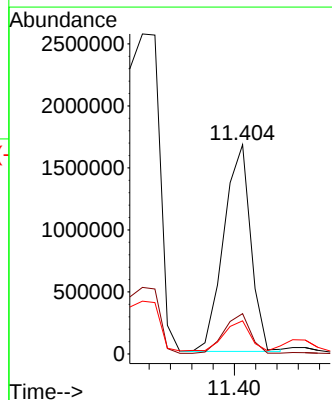
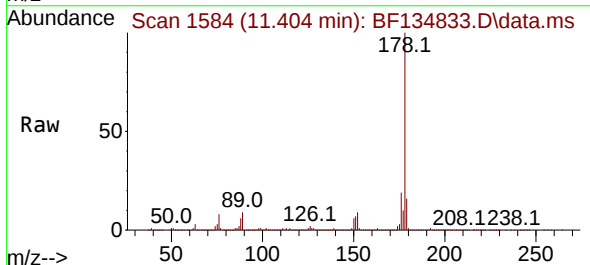
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

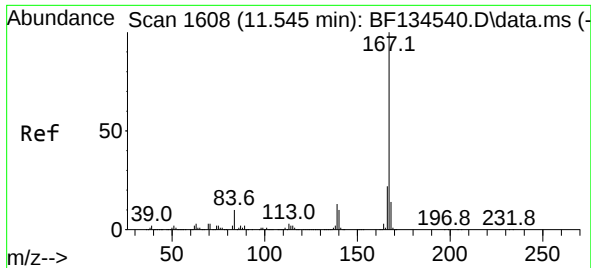
Tgt Ion:178 Resp: 3912641
Ion Ratio Lower Upper
178 100
176 20.8 15.8 23.6
179 16.5 12.7 19.1



#72
Anthracene
Concen: 1081.982 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion:178 Resp: 1471279
Ion Ratio Lower Upper
178 100
176 19.3 14.6 21.8
179 15.8 12.3 18.5

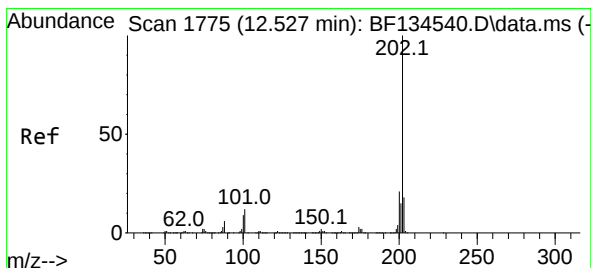
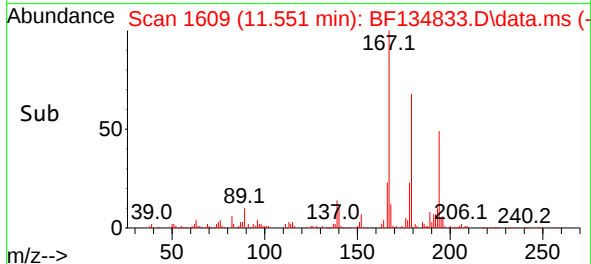
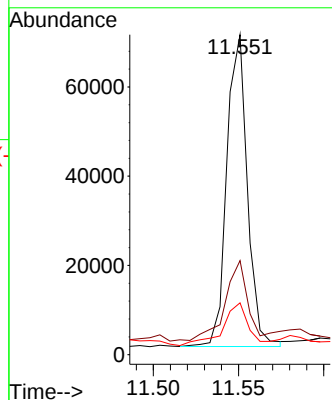
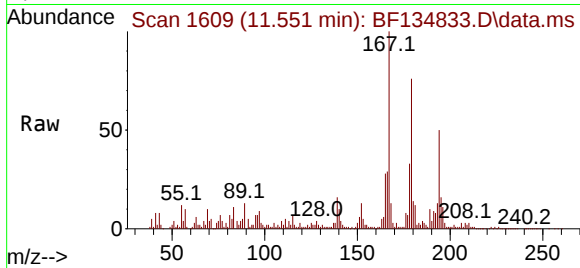




#73
 Carbazole
 Concen: 48.408 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF134833.D
 Acq: 18 Aug 2023 10:32

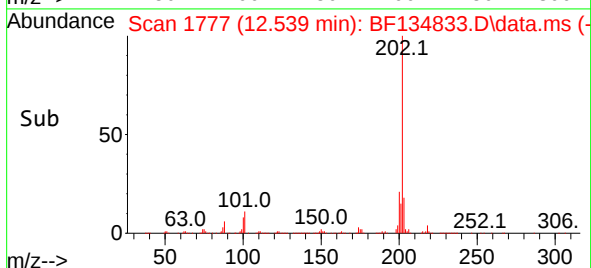
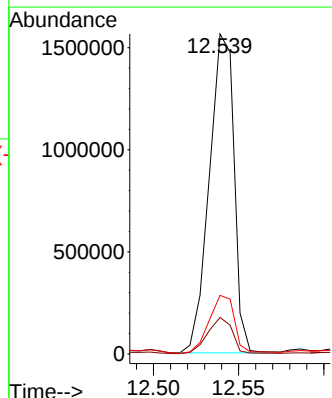
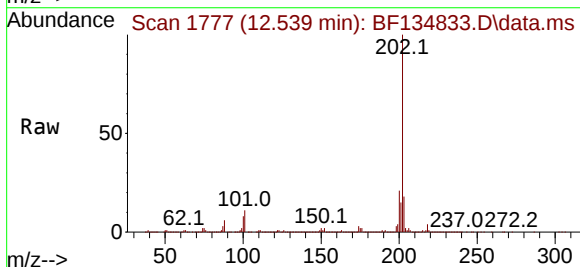
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB05-Z83-84

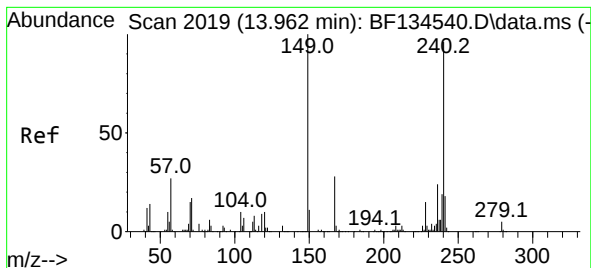
Tgt Ion:167 Resp: 58774
 Ion Ratio Lower Upper
 167 100
 166 29.4 17.5 26.3#
 139 16.2 11.0 16.4



#75
 Fluoranthene
 Concen: 1124.649 ng
 RT: 12.539 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: BF134833.D
 Acq: 18 Aug 2023 10:32

Tgt Ion:202 Resp: 1581496
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 28.5
 203 18.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

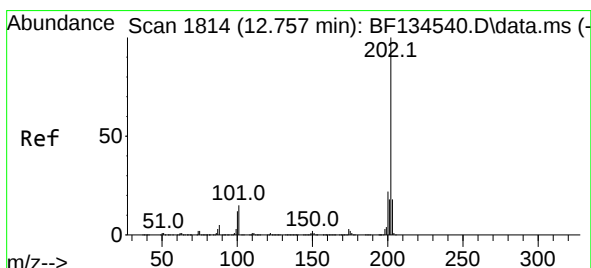
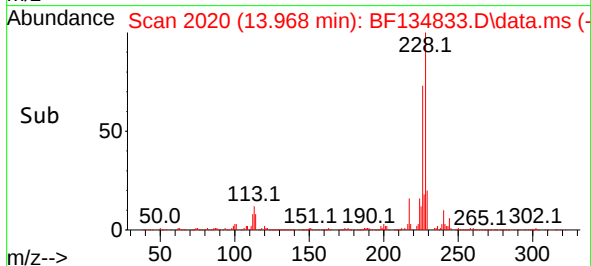
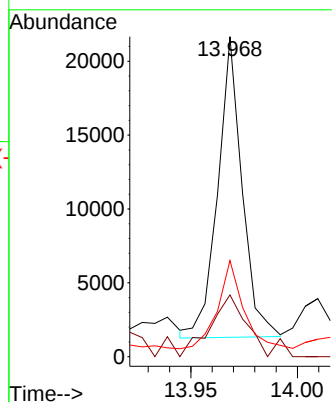
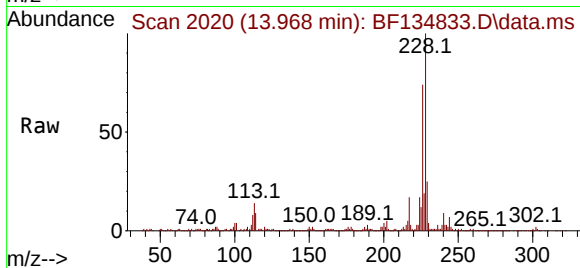
Tgt Ion:240 Resp: 16162

Ion Ratio Lower Upper

240 100

120 19.3 6.6 10.0#

236 30.1 20.2 30.2



#78

Pyrene

Concen: 1612.926 ng

RT: 12.774 min Scan# 1817

Delta R.T. 0.006 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

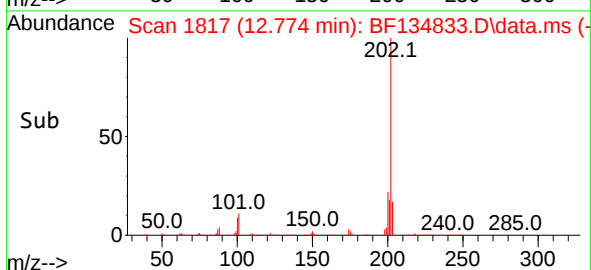
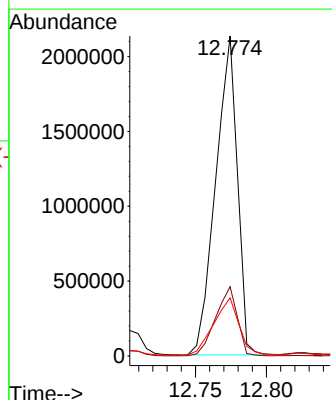
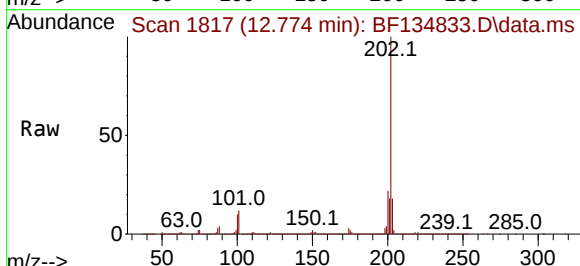
Tgt Ion:202 Resp: 2255711

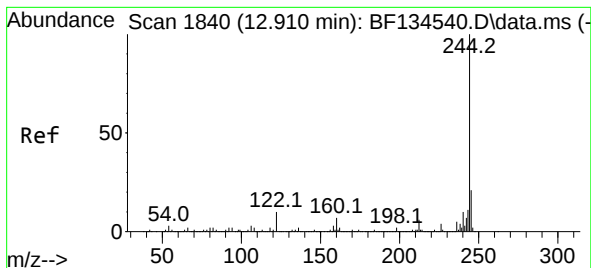
Ion Ratio Lower Upper

202 100

200 21.6 15.8 23.8

203 18.1 13.5 20.3





#79

Terphenyl-d14

Concen: 45.826 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

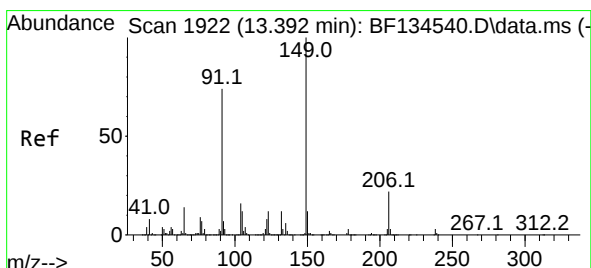
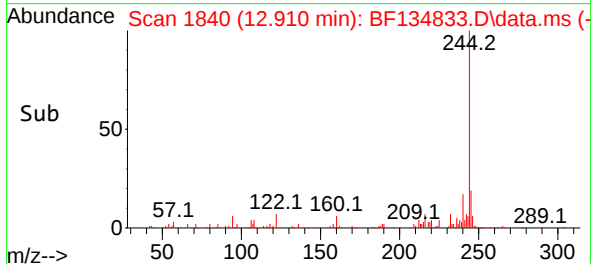
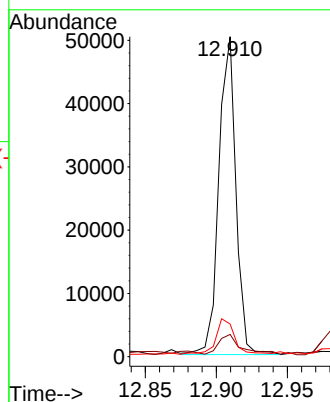
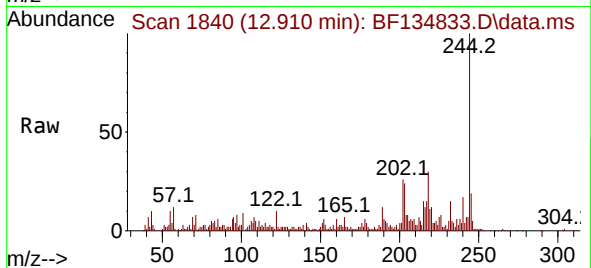
Tgt Ion:244 Resp: 42013

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.2 8.0 12.0



#80

Butylbenzylphthalate

Concen: 2.091 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

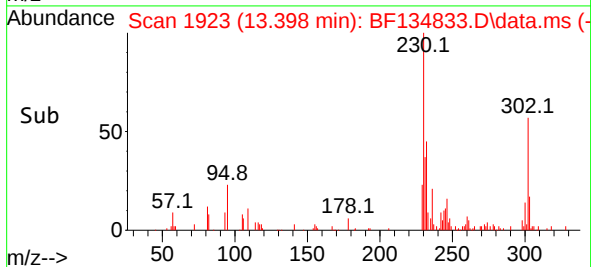
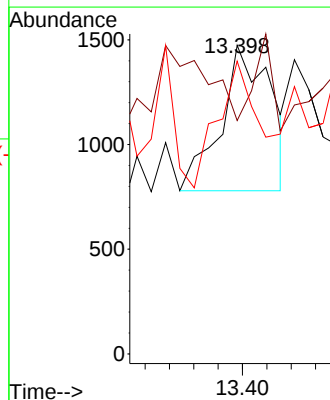
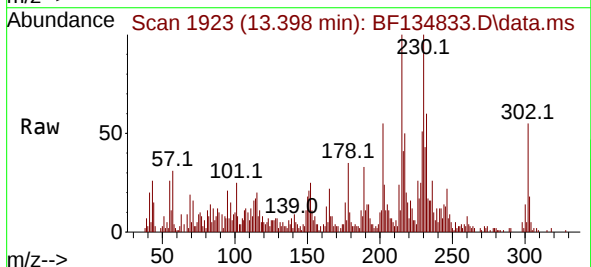
Tgt Ion:149 Resp: 989

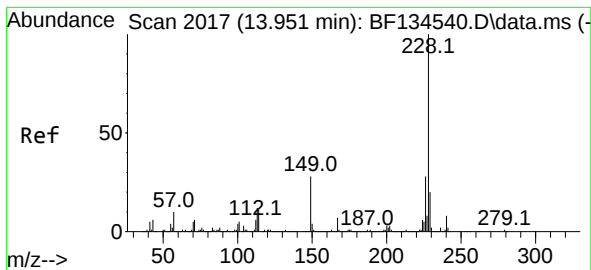
Ion Ratio Lower Upper

149 100

91 75.6 55.8 83.6

206 94.8 14.6 21.8#





#81

Benzo(a)anthracene

Concen: 709.063 ng

RT: 13.998 min Scan# 2017

Delta R.T. 0.035 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

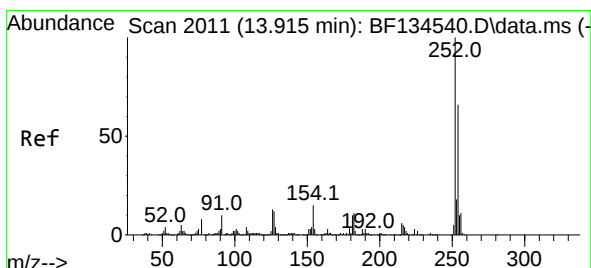
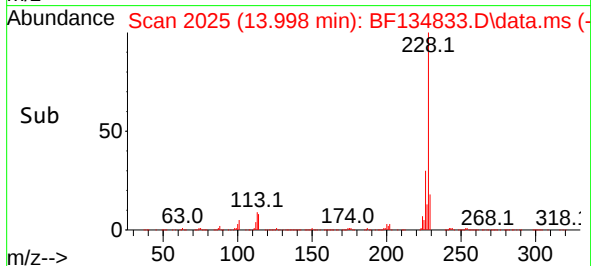
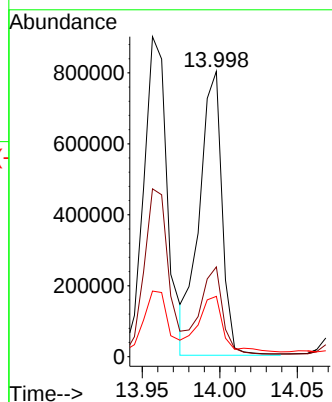
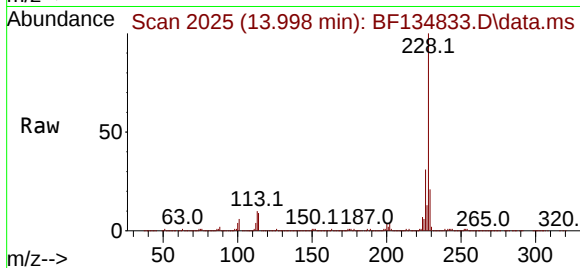
Tgt Ion:228 Resp: 819436

Ion Ratio Lower Upper

228 100

226 31.5 22.3 33.5

229 21.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 2.090 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

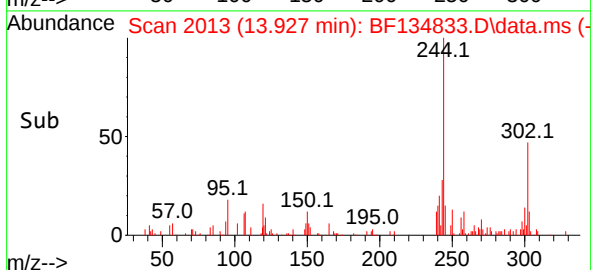
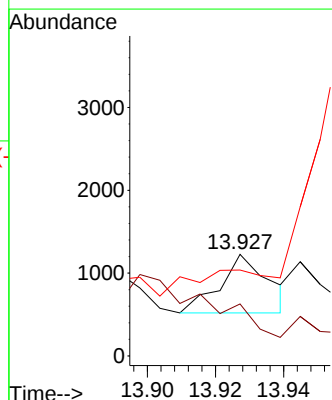
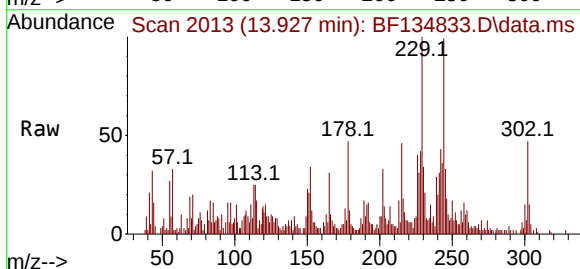
Tgt Ion:252 Resp: 700

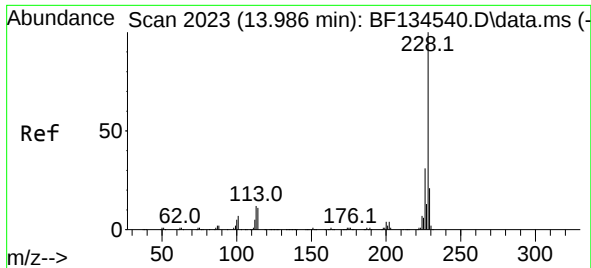
Ion Ratio Lower Upper

252 100

254 51.1 52.7 79.1#

126 84.5 7.2 10.8#





#83

Chrysene

Concen: 727.794 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

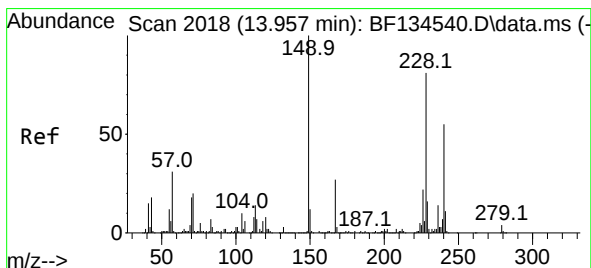
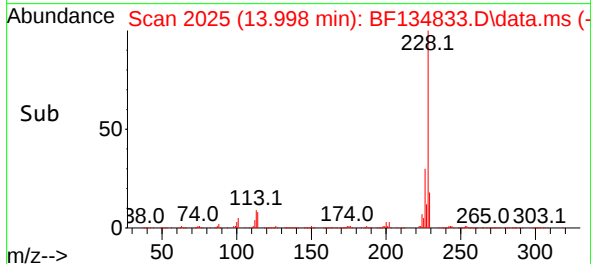
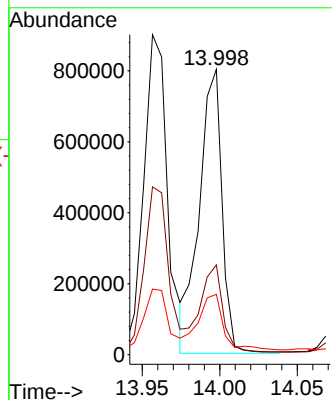
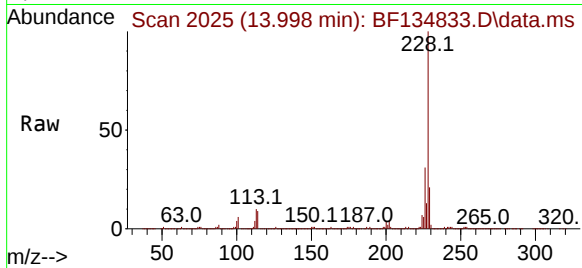
Tgt Ion:228 Resp: 819436

Ion Ratio Lower Upper

228 100

226 31.5 24.5 36.7

229 21.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.506 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

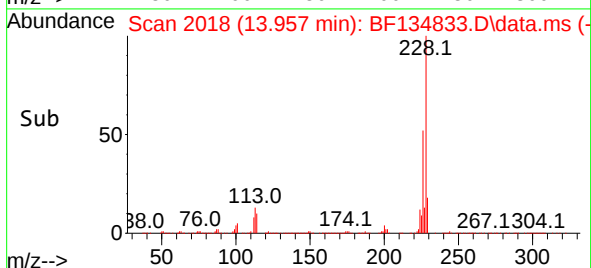
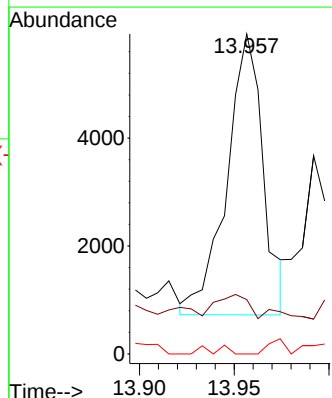
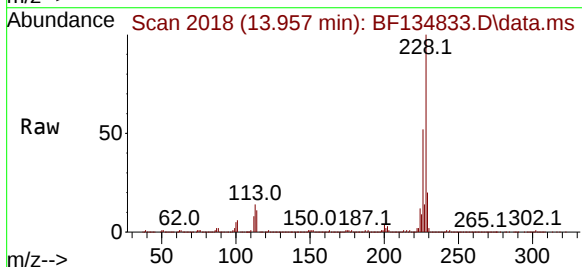
Tgt Ion:149 Resp: 6960

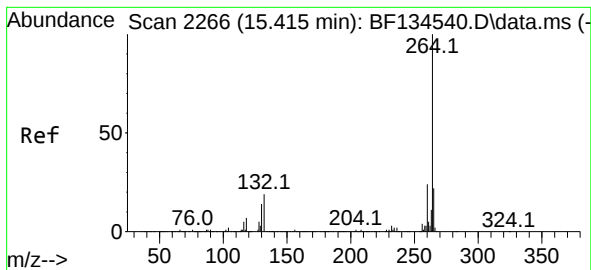
Ion Ratio Lower Upper

149 100

167 17.0 21.6 32.4#

279 0.0 3.5 5.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

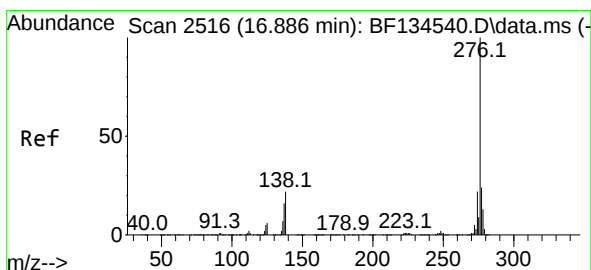
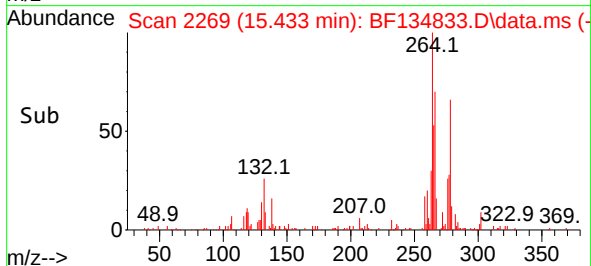
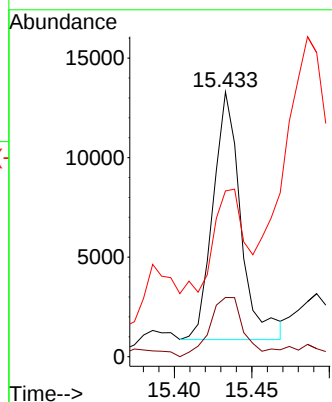
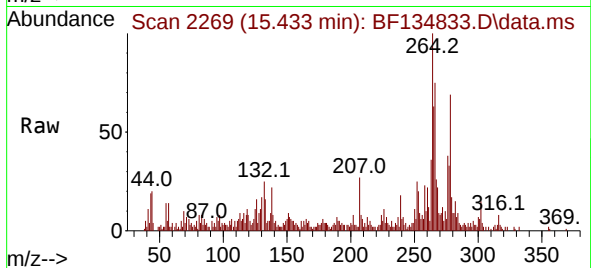
Tgt Ion:264 Resp: 15558

Ion Ratio Lower Upper

264 100

260 22.4 18.4 27.6

265 62.6 15.8 23.8#



#87

Indeno(1,2,3-cd)pyrene

Concen: 156.371 ng

RT: 16.915 min Scan# 2521

Delta R.T. -0.012 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

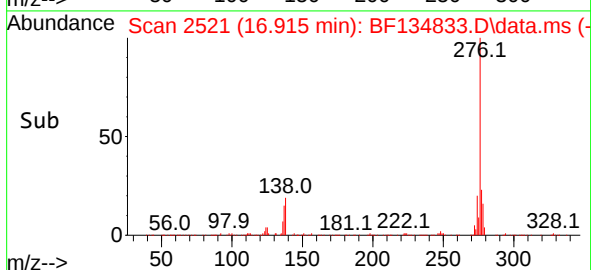
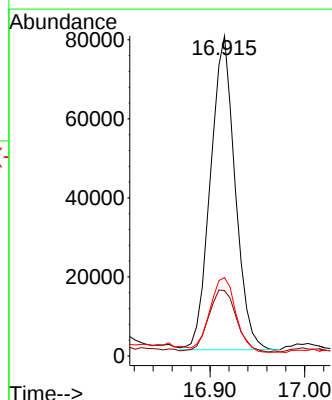
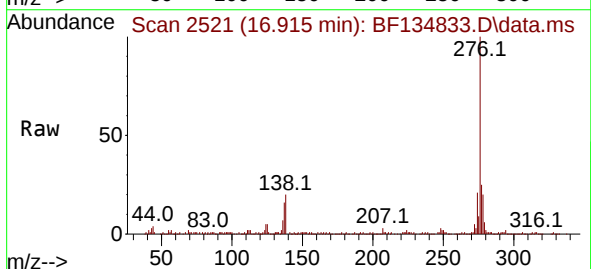
Tgt Ion:276 Resp: 143080

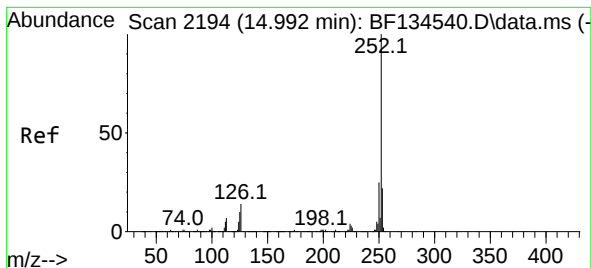
Ion Ratio Lower Upper

276 100

138 22.5 14.2 21.4#

277 25.2 19.9 29.9





#88

Benzo(b)fluoranthene

Concen: 730.298 ng

RT: 15.009 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

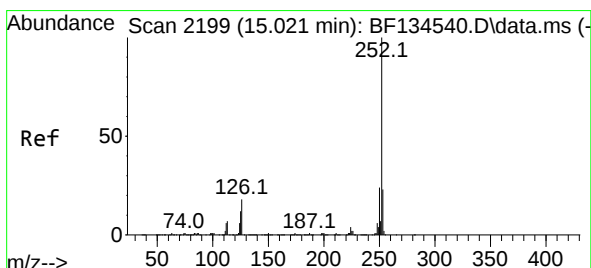
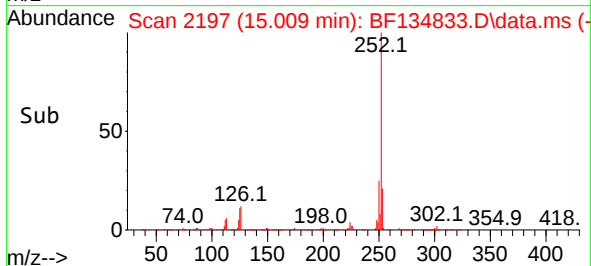
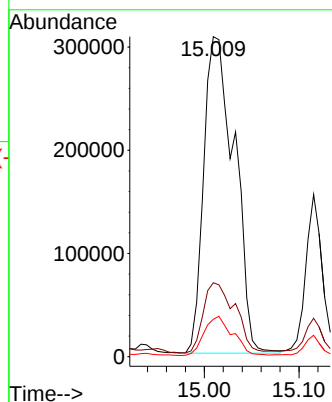
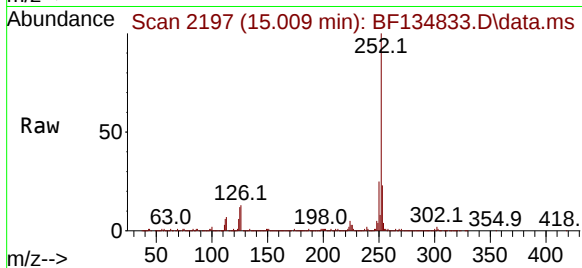
Tgt Ion:252 Resp: 692955

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

125 11.7 6.0 9.0#



#89

Benzo(k)fluoranthene

Concen: 733.108 ng

RT: 15.009 min Scan# 2197

Delta R.T. -0.029 min

Lab File: BF134833.D

Acq: 18 Aug 2023 10:32

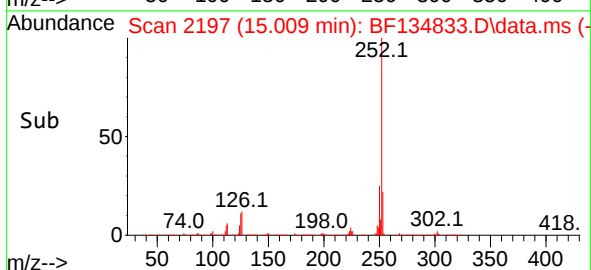
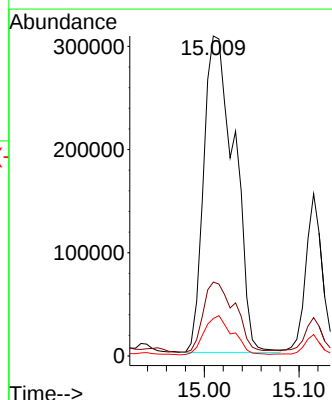
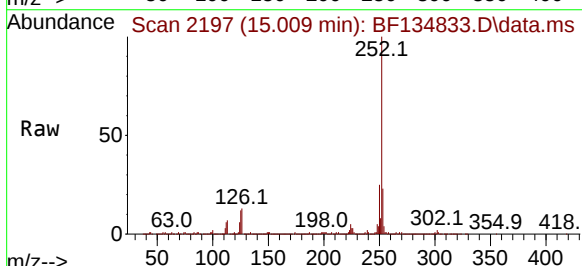
Tgt Ion:252 Resp: 692955

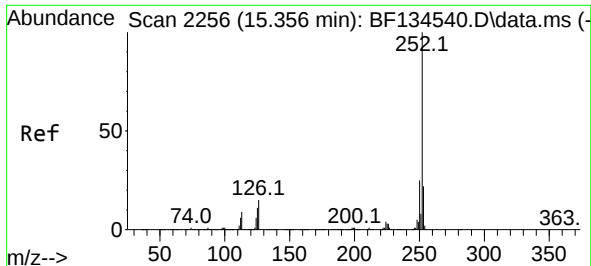
Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

125 11.7 6.3 9.5#

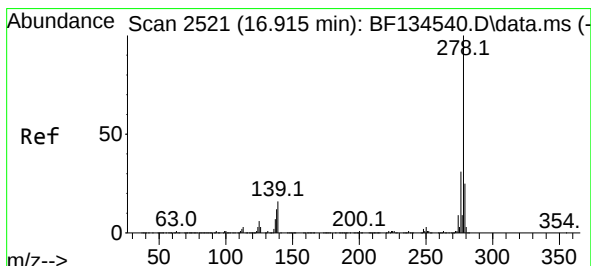
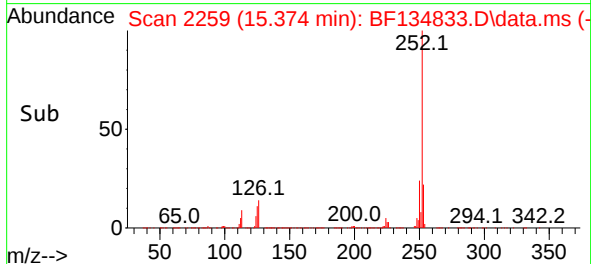
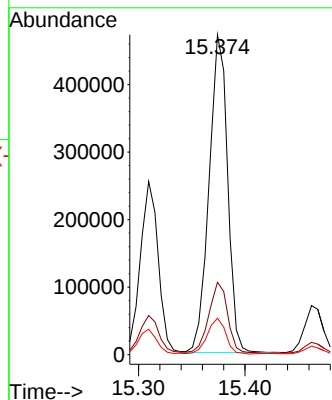
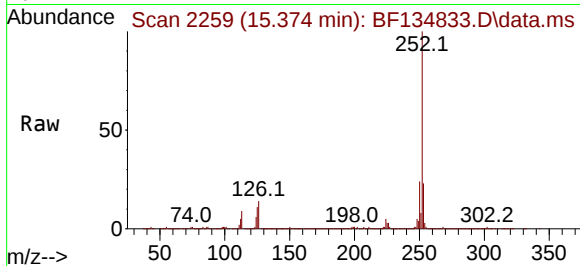




#90
Benzo(a)pyrene
Concen: 642.463 ng
RT: 15.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

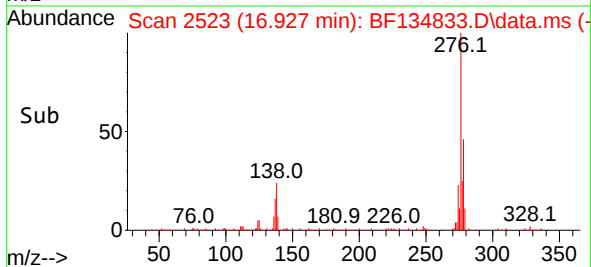
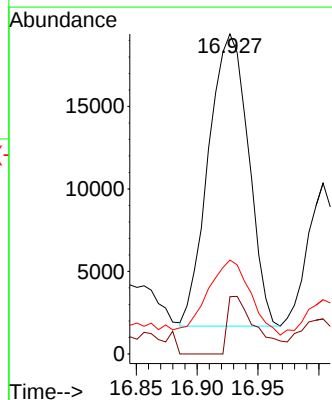
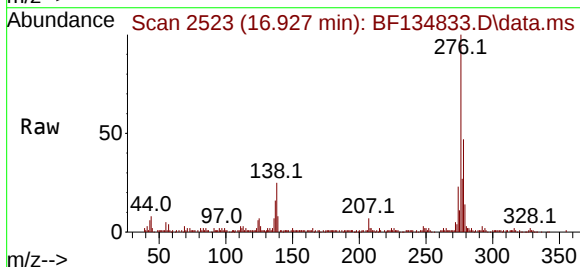
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

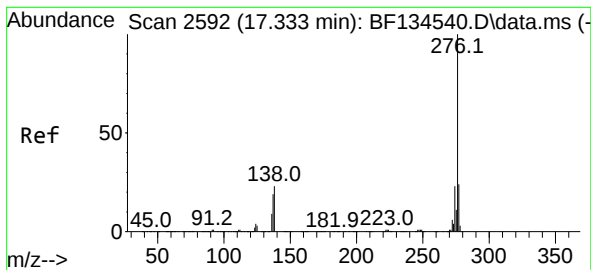
Tgt Ion:252 Resp: 568391
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 11.4 6.2 9.4#



#91
Dibenzo(a,h)anthracene
Concen: 54.660 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.024 min
Lab File: BF134833.D
Acq: 18 Aug 2023 10:32

Tgt Ion:278 Resp: 40419
Ion Ratio Lower Upper
278 100
139 17.9 10.0 15.0#
279 29.3 19.7 29.5





#92

Benzo(g,h,i)perylene

Concen: 212.209 ng

RT: 17.362 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134833.D

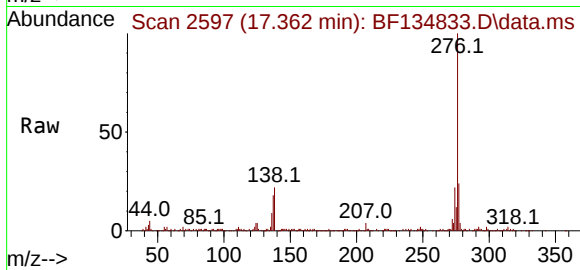
Acq: 18 Aug 2023 10:32

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84



Tgt Ion:276 Resp: 160070

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 22.1 12.2 18.2#

