

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134699.D
 Acq On : 09 Aug 2023 20:08
 Operator : CG\JU
 Sample : 03932-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB-01-Z20-22

Quant Time: Aug 10 01:43:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	160855	20.000	ng	0.01
21) Naphthalene-d8	8.104	136	100389	20.000	ng	# 0.02
39) Acenaphthene-d10	9.863	164	237986	20.000	ng	0.03
64) Phenanthrene-d10	11.357	188	287244	20.000	ng	# 0.04
76) Chrysene-d12	14.027	240	214463	20.000	ng	# 0.05
86) Perylene-d12	15.480	264	274824	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	798455	75.455	ng	0.00
7) Phenol-d6	6.445	99	1010385	74.695	ng	0.00
23) Nitrobenzene-d5	7.498	82	27571	17.163	ng	0.13
42) 2,4,6-Tribromophenol	10.663	330	178667	73.645	ng	0.04
45) 2-Fluorobiphenyl	9.180	172	896683	62.647	ng	0.02
79) Terphenyl-d14	12.951	244	804837	66.157	ng	0.03
Target Compounds						
						Qvalue
9) Benzaldehyde	6.369	77	259027	39.710	ng	# 1
11) bis(2-Chloroethyl)ether	6.504	93	23924	2.259	ng	# 1
17) 2-Methylphenol	7.051	107	20052	2.126	ng	# 1
18) Hexachloroethane	7.304	117	169569	43.649	ng	# 1
19) n-Nitroso-di-n-propyla...	7.234	70	59886	7.394	ng	# 61
22) Acetophenone	7.204	105	448804	193.654	ng	# 37
24) Nitrobenzene	7.386	77	100190	57.730	ng	# 13
25) Isophorone	7.669	82	24399	6.964	ng	# 1
26) 2-Nitrophenol	7.728	139	15244	23.373	ng	# 1
27) 2,4-Dimethylphenol	7.745	122	10817	6.919	ng	# 1
28) bis(2-Chloroethoxy)met...	7.845	93	9421	4.495	ng	# 1
29) 2,4-Dichlorophenol	7.963	162	11988	8.449	ng	# 1
31) Naphthalene	8.216	128	32871516	6515.193	ng	# 85
32) Benzoic acid	7.892	122	9536	15.685	ng	# 1
33) 4-Chloroaniline	8.222	127	5698270	2534.737	ng	# 36
35) Caprolactam	8.563	113	16436	35.904	ng	# 1
36) 4-Chloro-3-methylphenol	8.639	107	21214	14.117	ng	# 1
37) 2-Methylnaphthalene	8.886	142	12905326	3858.950	ng	97
38) 1-Methylnaphthalene	8.886	142	12905326	4149.889	ng	98
44) 2,4,5-Trichlorophenol	9.139	196	12371	2.390	ng	# 1
46) 1,1'-Biphenyl	9.292	154	2889285	156.123	ng	97
47) 2-Chloronaphthalene	9.286	162	34122	2.461	ng	# 1
48) 2-Nitroaniline	9.404	65	25326	8.638	ng	# 42
49) Acenaphthylene	9.733	152	1388896	63.719	ng	# 88
50) Dimethylphthalate	9.592	163	32786	2.021	ng	# 1
51) 2,6-Dinitrotoluene	9.422	165	25739	9.838	ng	86
52) Acenaphthene	9.939	154	6258292	443.043	ng	98
54) 2,4-Dinitrophenol	9.957	184	7434	14.003	ng	# 1
55) Dibenzofuran	10.086	168	736898	36.646	ng	# 90
56) 4-Nitrophenol	9.986	139	205431	69.475	ng	# 23
57) 2,4-Dinitrotoluene	10.051	165	128226	32.897	ng	# 44
58) Fluorene	10.439	166	3808034	259.990	ng	94
62) 4-Nitroaniline	10.610	138	7774	2.194	ng	85
63) Azobenzene	10.586	77	49665	3.007	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.451	198	3167	10.932	ng	# 1
66) n-Nitrosodiphenylamine	10.539	169	294993	32.265	ng	# 34

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

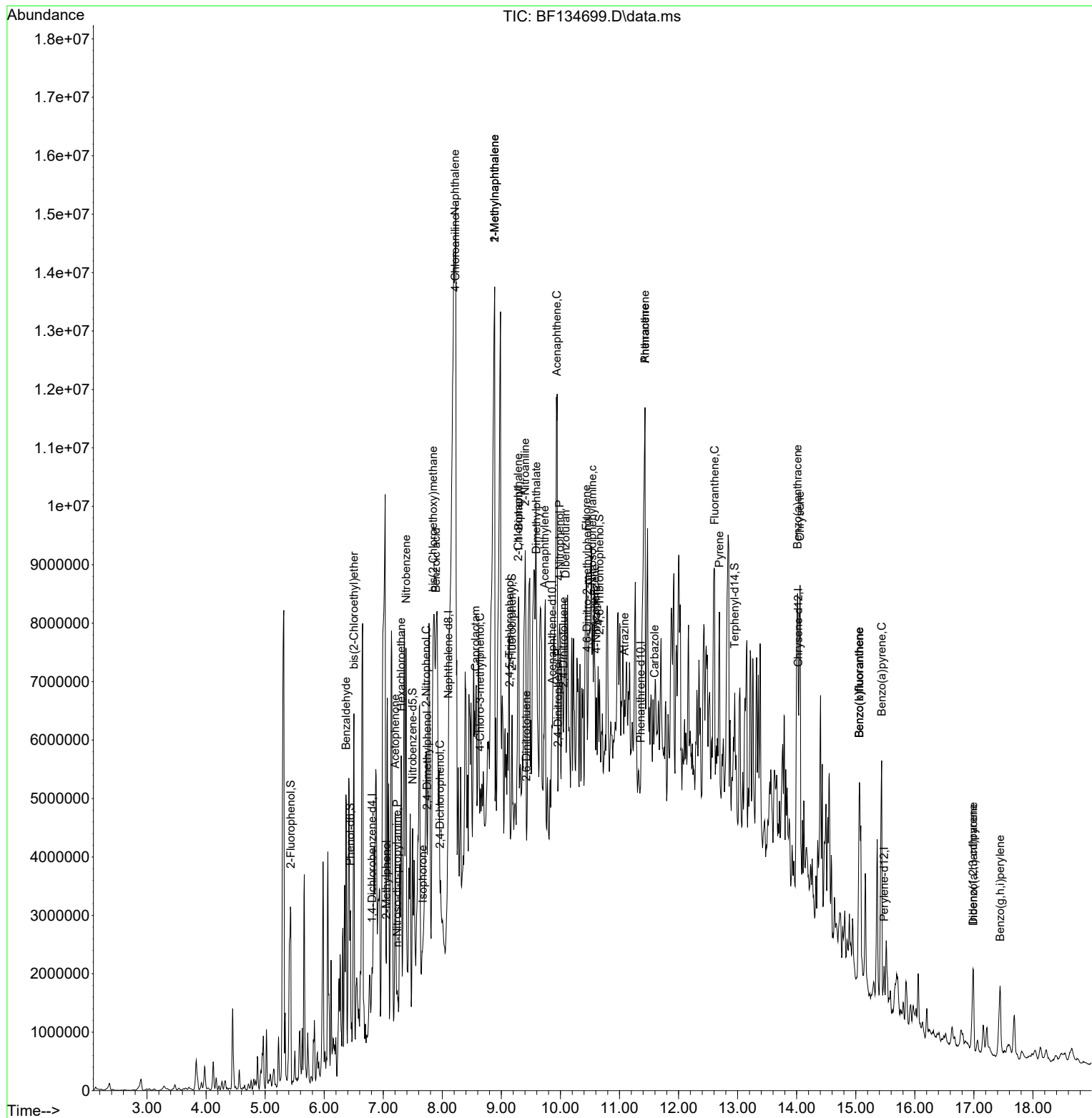
69) Atrazine	11.086	200	5581	2.265	ng	# 1
71) Phenanthrene	11.433	178	11386952	746.331	ng	94
72) Anthracene	11.433	178	11386952	730.659	ng	# 92
73) Carbazole	11.592	167	338520	24.328	ng	# 79
75) Fluoranthene	12.610	202	5133963	318.555	ng	97
78) Pyrene	12.692	202	3040233	163.825	ng	95
81) Benzo(a)anthracene	14.015	228	4609466	300.582	ng	# 83
83) Chrysene	14.057	228	3505418	234.626	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.986	276	999154	61.817	ng	# 94
88) Benzo(b)fluoranthene	15.062	252	3711035	221.406	ng	# 94
89) Benzo(k)fluoranthene	15.062	252	3711035	222.258	ng	# 95
90) Benzo(a)pyrene	15.439	252	3027031	193.694	ng	# 95
91) Dibenzo(a,h)anthracene	16.992	278	316910	24.261	ng	# 89
92) Benzo(g,h,i)perylene	17.445	276	1067615	80.125	ng	# 92

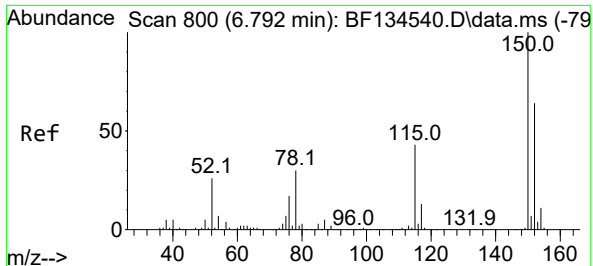
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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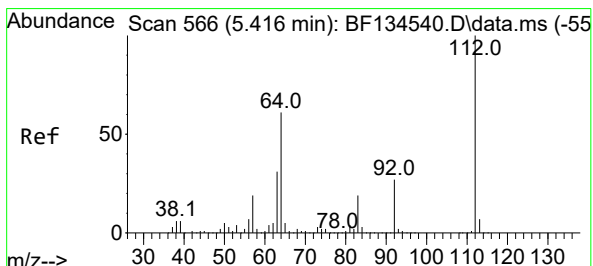
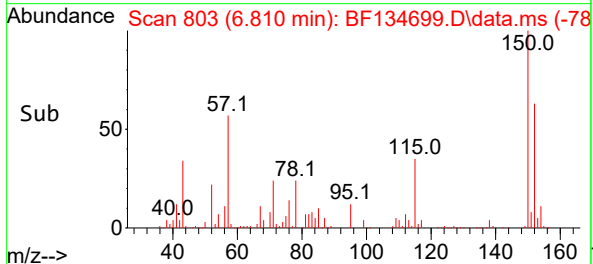
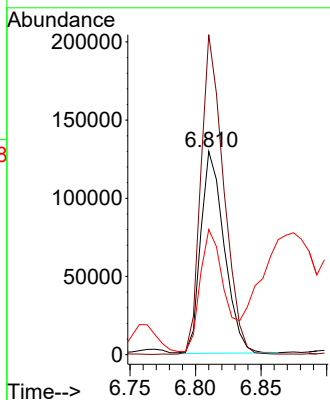
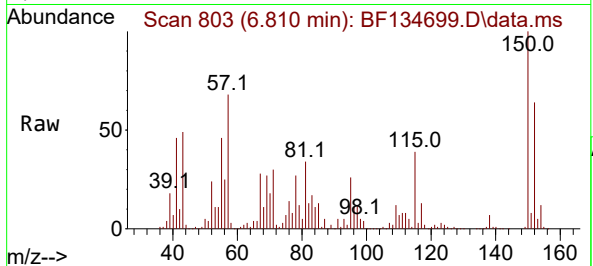




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

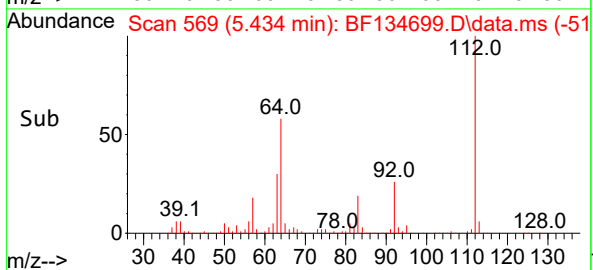
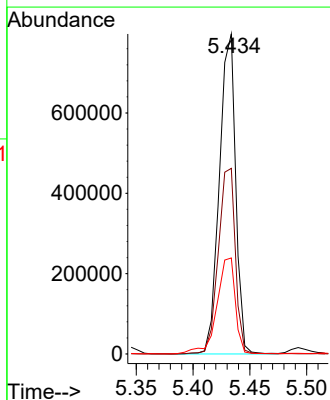
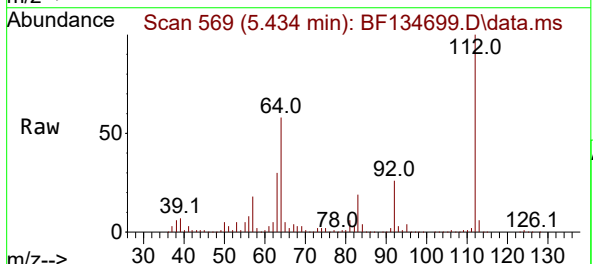
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

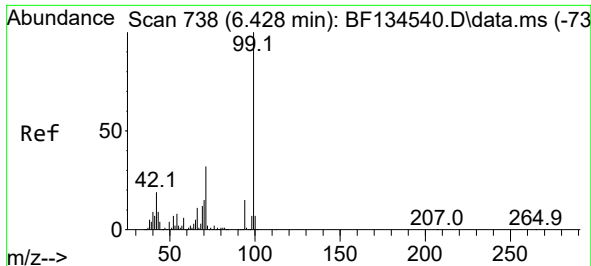
Tgt Ion:152 Resp: 160855
Ion Ratio Lower Upper
152 100
150 157.4 128.3 192.5
115 61.6 52.4 78.6



#5
2-Fluorophenol
Concen: 75.455 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:112 Resp: 798455
Ion Ratio Lower Upper
112 100
64 58.0 44.9 67.3
63 30.0 25.4 38.0

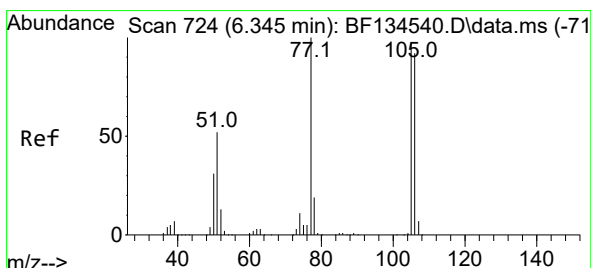
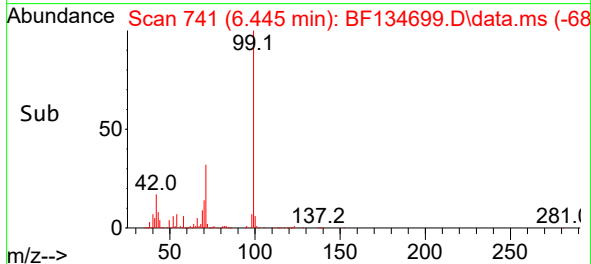
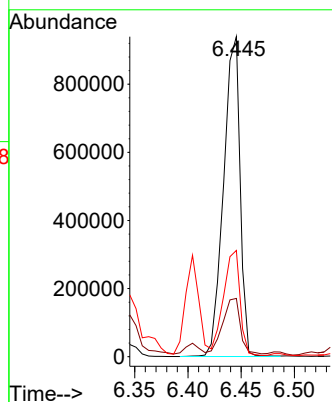
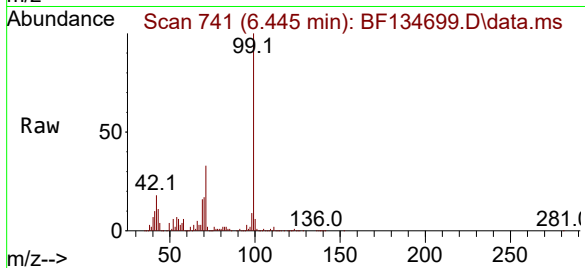




#7
Phenol-d6
Concen: 74.695 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

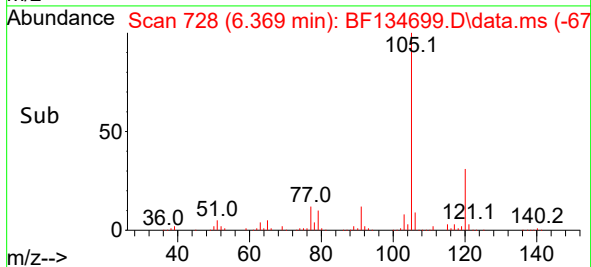
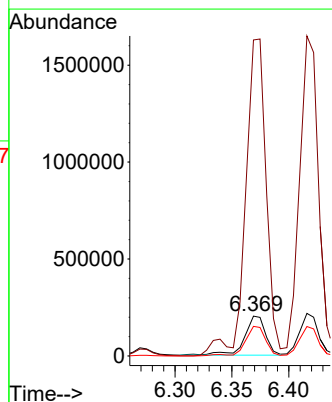
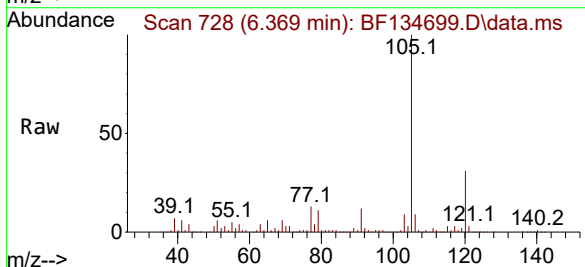
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ClientSampleId :
NEVINS-SB-01-Z20-22

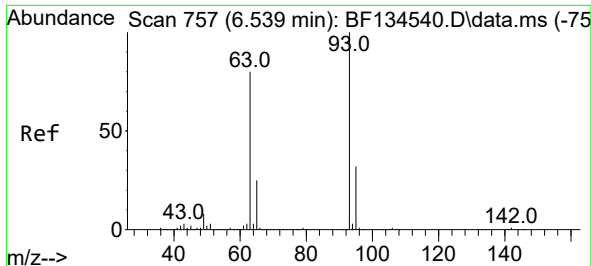
Tgt Ion: 99 Resp: 1010385
Ion Ratio Lower Upper
99 100
42 18.2 18.7 28.1#
71 33.2 36.4 54.6#



#9
Benzaldehyde
Concen: 39.710 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.012 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion: 77 Resp: 259027
Ion Ratio Lower Upper
77 100
105 794.5 77.1 117.1#
106 74.3 71.4 111.4

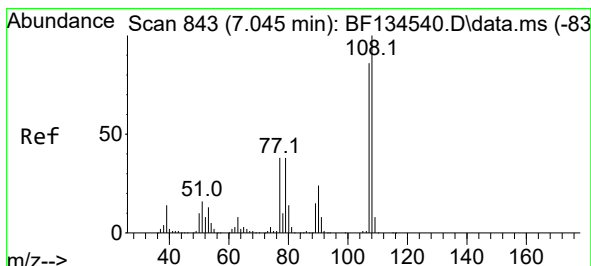
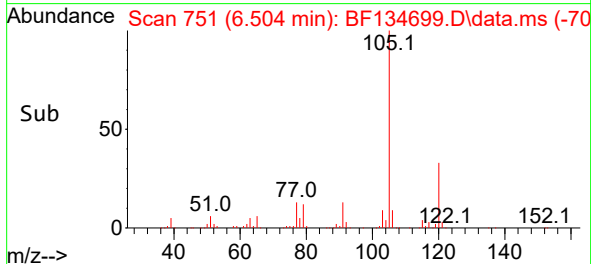
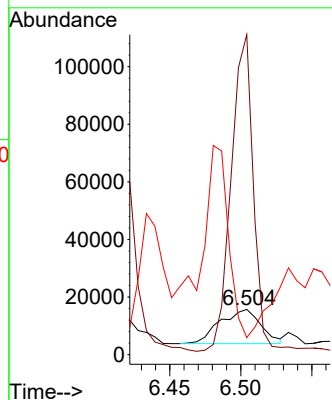
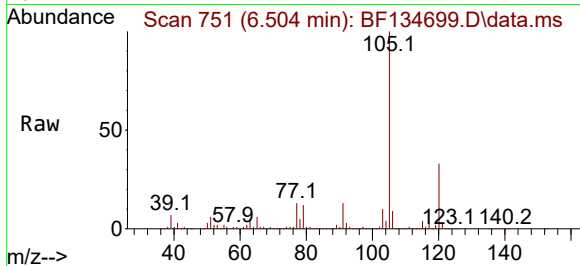




#11
bis(2-Chloroethyl)ether
Concen: 2.259 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.041 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

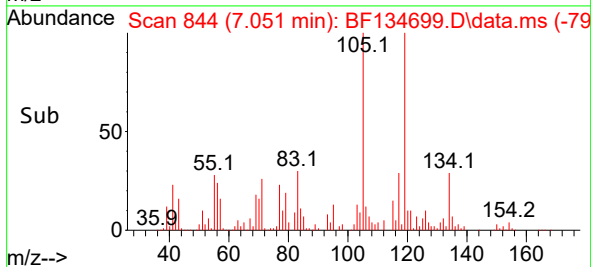
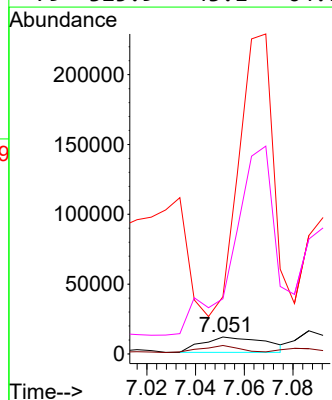
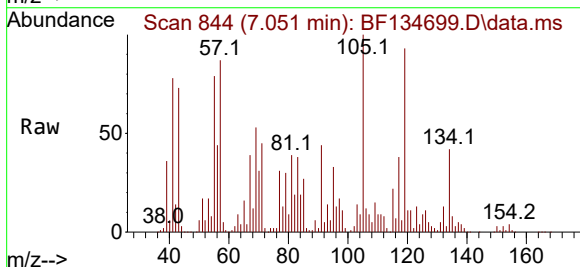
Instrument :
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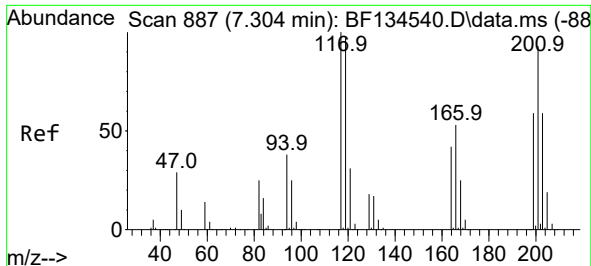
Tgt Ion: 93 Resp: 23924
Ion Ratio Lower Upper
93 100
63 706.6 68.4 108.4#
95 37.7 12.4 52.4



#17
2-Methylphenol
Concen: 2.126 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

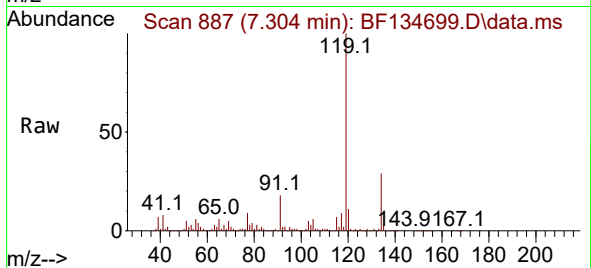
Tgt Ion: 107 Resp: 20052
Ion Ratio Lower Upper
107 100
108 50.1 89.4 134.2#
77 338.3 42.4 63.6#
79 325.9 43.1 64.7#



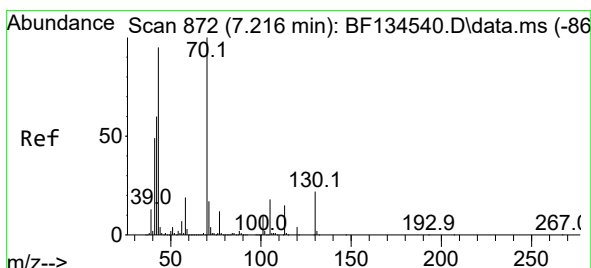
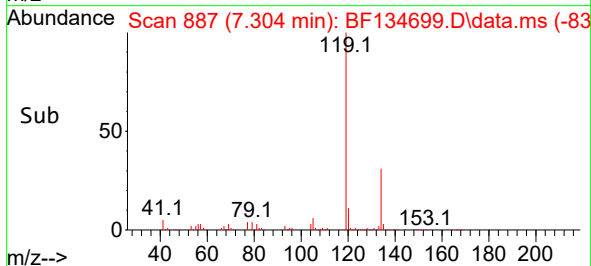
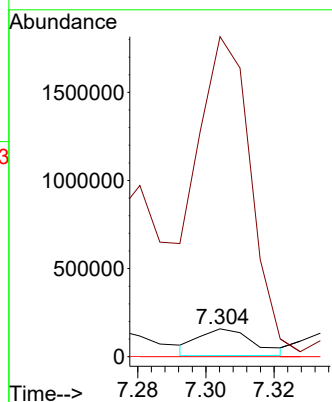


#18
Hexachloroethane
Concen: 43.649 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

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NEVINS-SB-01-Z20-22

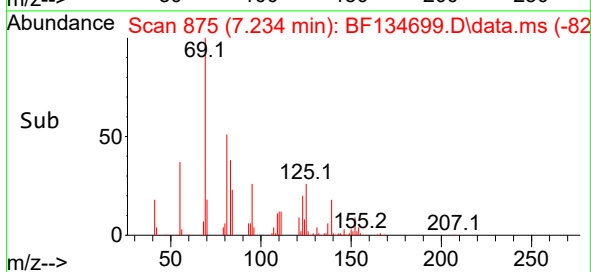
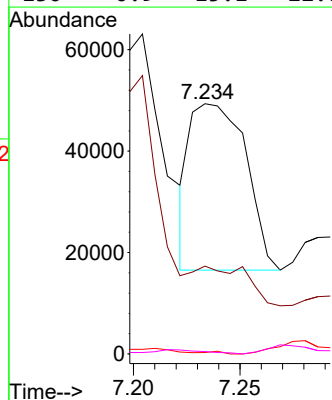
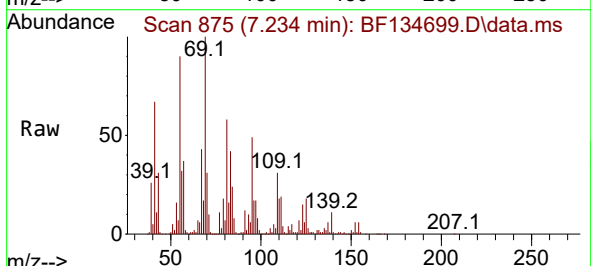


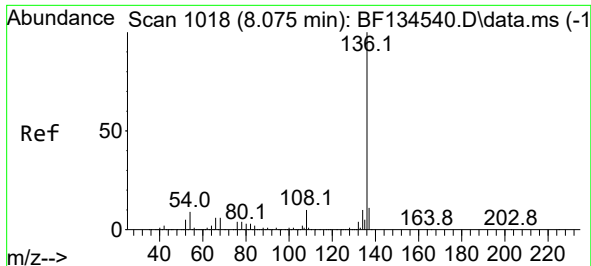
Tgt Ion:117 Resp: 169569
Ion Ratio Lower Upper
117 100
119 1147.9 75.8 113.8#
201 0.0 73.6 110.4#



#19
n-Nitroso-di-n-propylamine
Concen: 7.394 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.012 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion: 70 Resp: 59886
Ion Ratio Lower Upper
70 100
42 35.1 54.7 82.1#
101 0.6 8.2 12.2#
130 0.9 15.1 22.7#

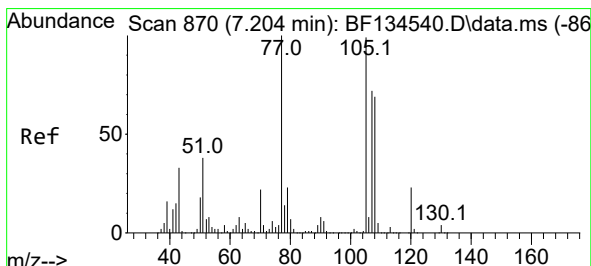
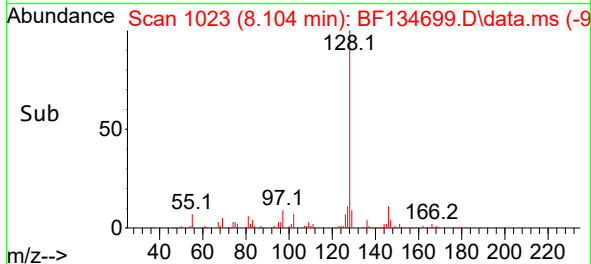
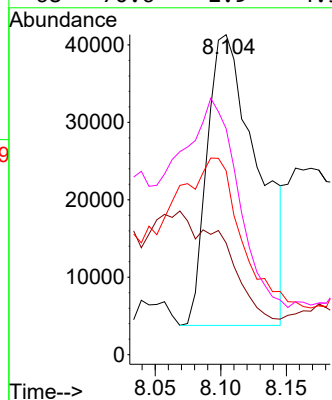
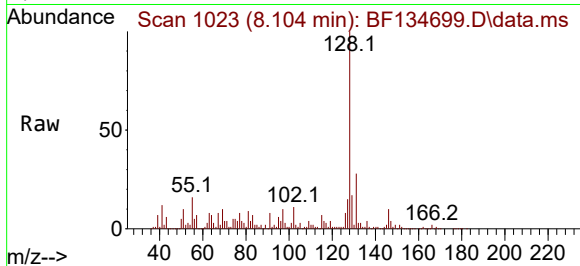




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1018
Delta R.T. 0.024 min
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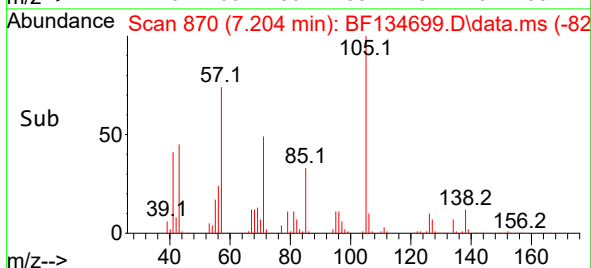
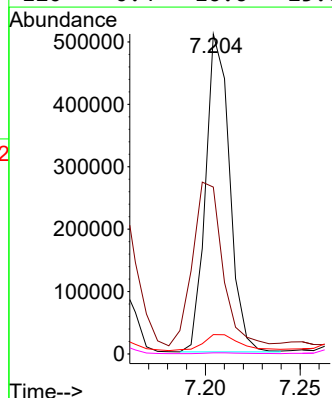
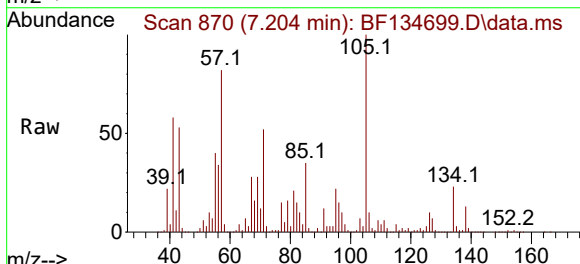
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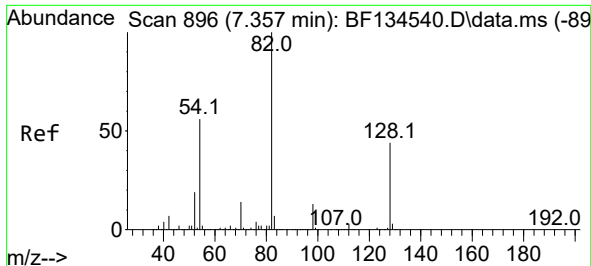
Tgt Ion:136 Resp: 100389
Ion Ratio Lower Upper
136 100
137 34.9 8.4 12.6#
54 57.5 5.2 7.8#
68 70.6 2.9 4.3#



#22
Acetophenone
Concen: 193.654 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:105 Resp: 448804
Ion Ratio Lower Upper
105 100
71 52.1 7.4 11.0#
51 6.1 36.4 54.6#
120 0.4 16.6 25.0#





#23

Nitrobenzene-d5

Concen: 17.163 ng

RT: 7.498 min Scan# 91

Delta R.T. 0.129 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z20-22

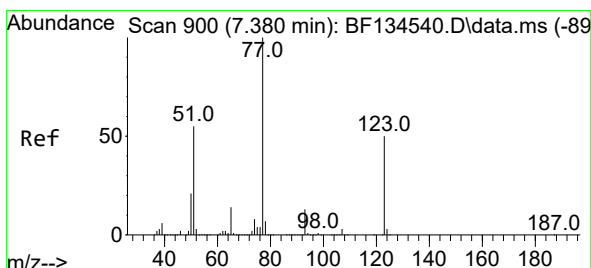
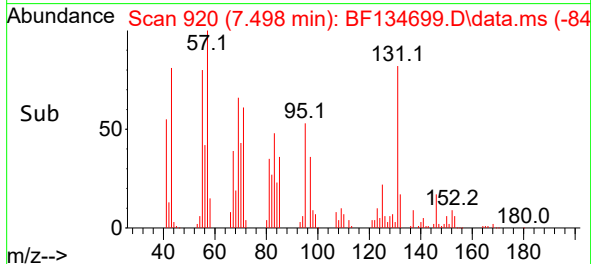
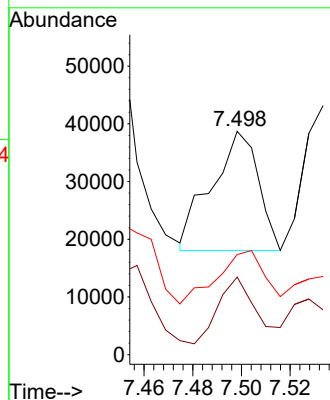
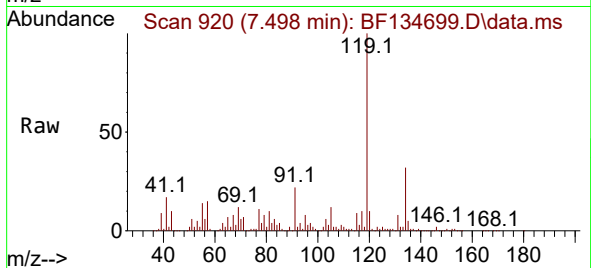
Tgt Ion: 82 Resp: 27571

Ion Ratio Lower Upper

82 100

128 34.8 34.3 51.5

54 44.9 43.8 65.6



#24

Nitrobenzene

Concen: 57.730 ng

RT: 7.386 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

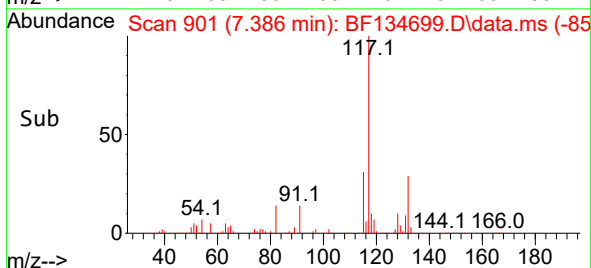
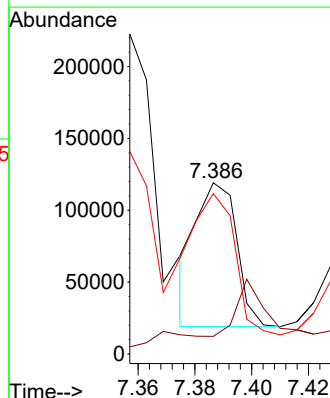
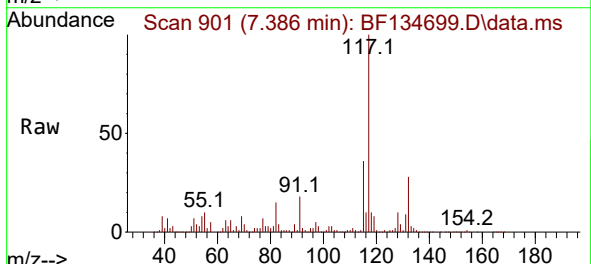
Tgt Ion: 77 Resp: 100190

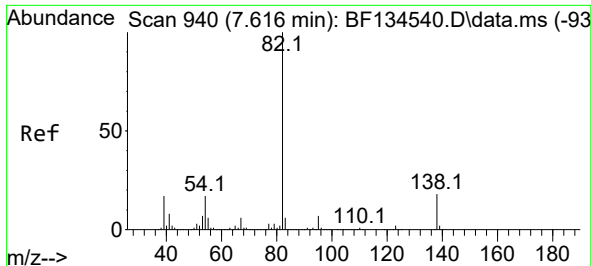
Ion Ratio Lower Upper

77 100

123 10.3 35.5 53.3#

65 93.6 11.9 17.9#

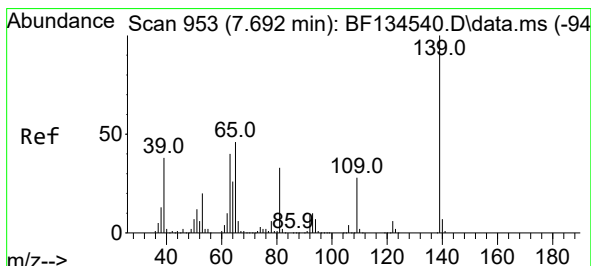
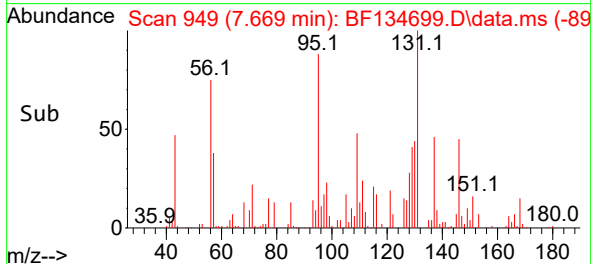
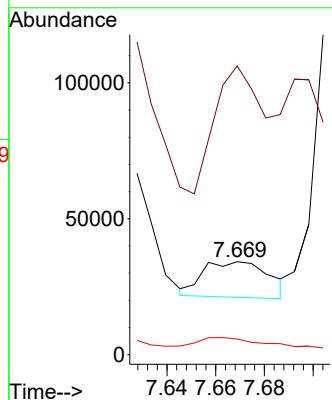
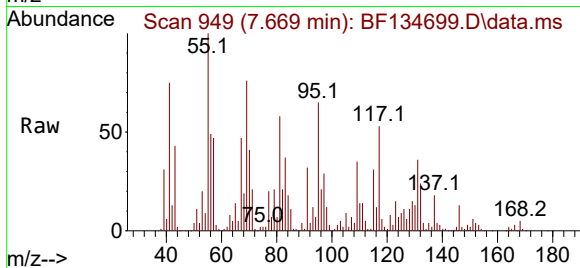




#25
Isophorone
Concen: 6.964 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.041 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

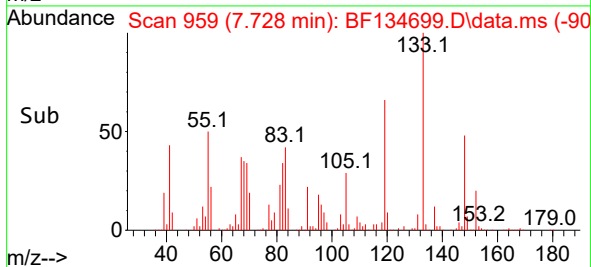
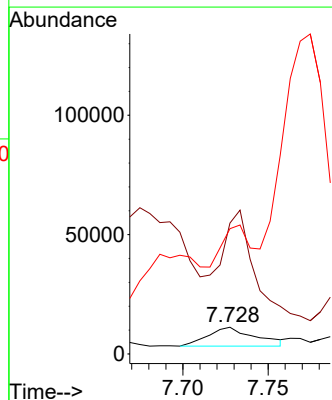
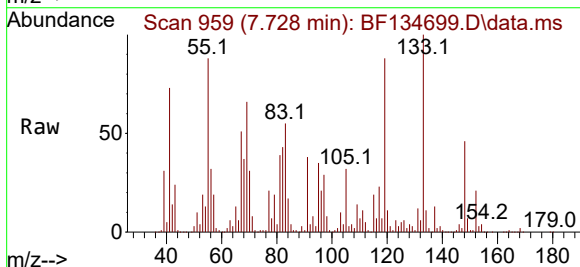
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

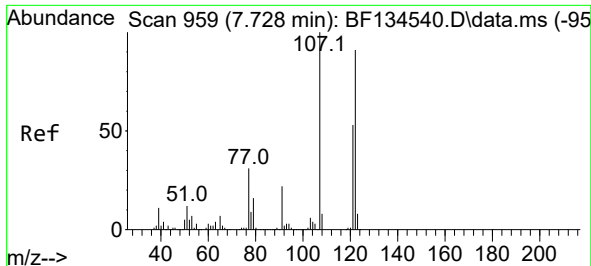
Tgt Ion: 82 Resp: 24399
Ion Ratio Lower Upper
82 100
95 310.4 6.0 9.0#
138 16.8 14.6 22.0



#26
2-Nitrophenol
Concen: 23.373 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.029 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:139 Resp: 15244
Ion Ratio Lower Upper
139 100
109 489.1 29.8 44.6#
65 468.0 45.4 68.2#

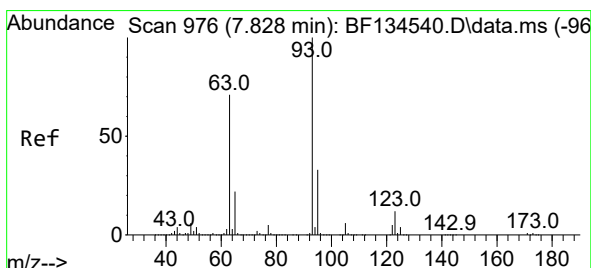
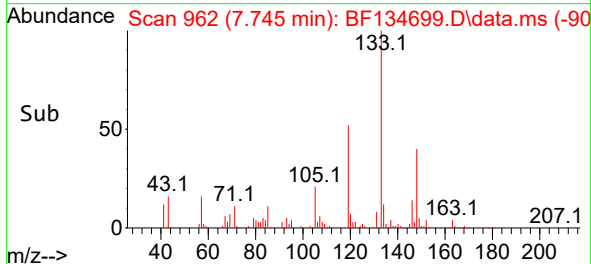
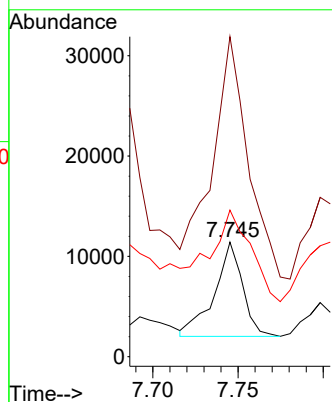
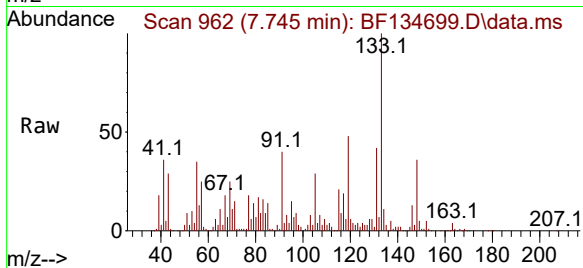




#27
2,4-Dimethylphenol
Concen: 6.919 ng
RT: 7.745 min Scan# 90
Delta R.T. 0.012 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

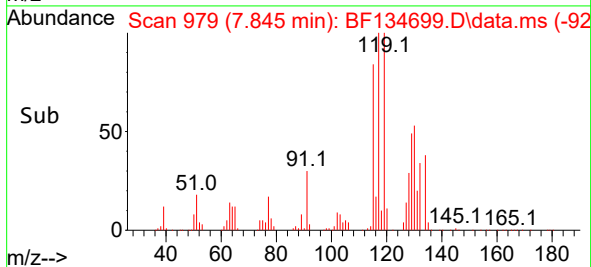
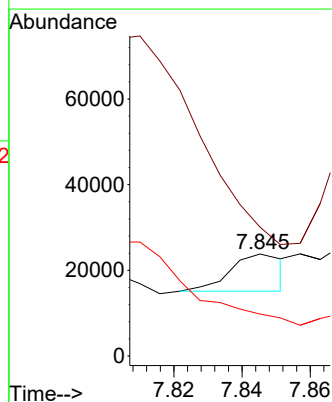
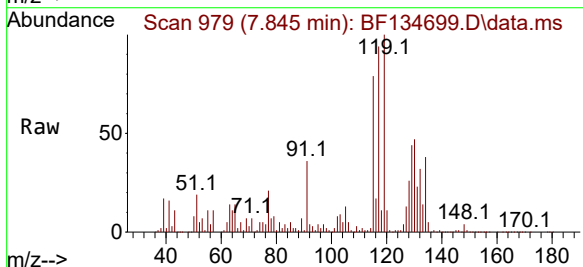
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

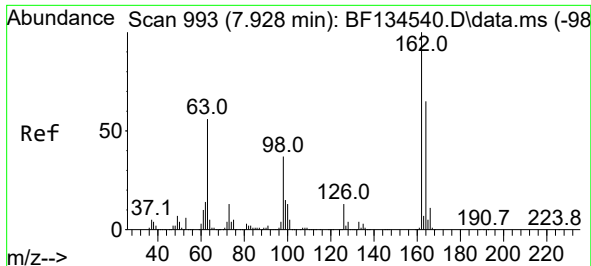
Tgt Ion:122 Resp: 10817
Ion Ratio Lower Upper
122 100
107 279.2 106.7 160.1#
121 127.8 49.0 73.6#



#28
bis(2-Chloroethoxy)methane
Concen: 4.495 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion: 93 Resp: 9421
Ion Ratio Lower Upper
93 100
95 126.4 26.5 39.7#
123 41.1 9.6 14.4#

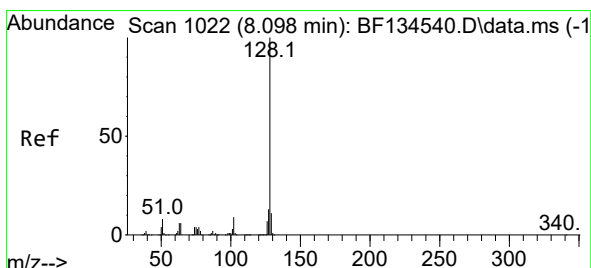
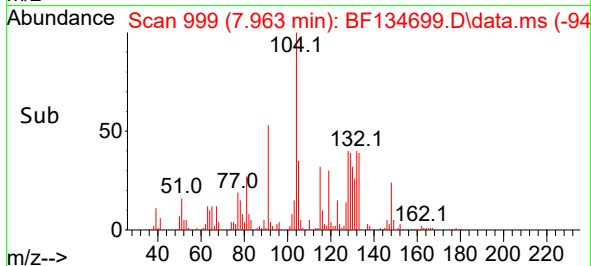
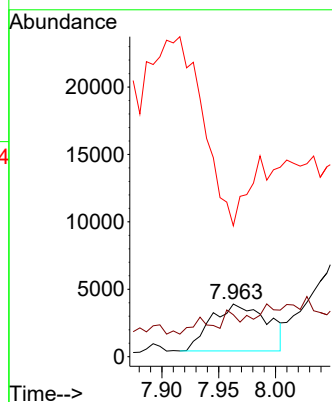
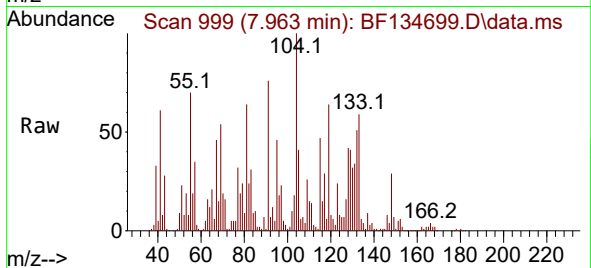




#29
2,4-Dichlorophenol
Concen: 8.449 ng
RT: 7.963 min Scan# 993
Delta R.T. 0.024 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

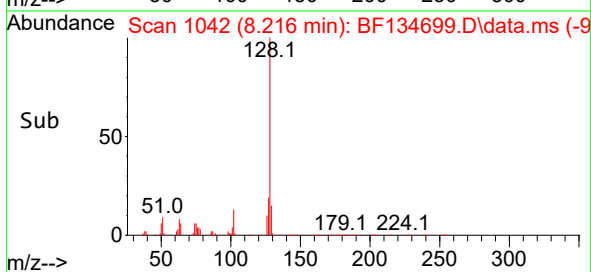
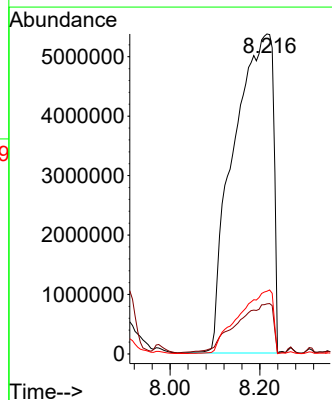
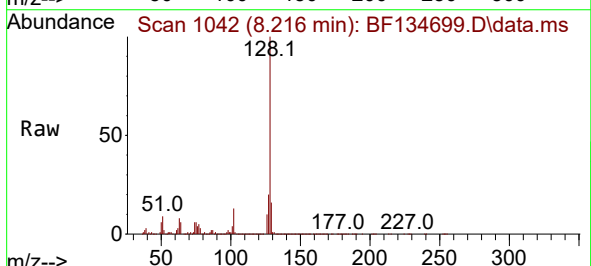
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

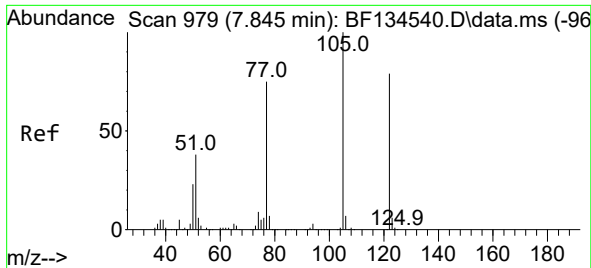
Tgt Ion:162 Resp: 11988
Ion Ratio Lower Upper
162 100
164 79.6 42.2 82.2
98 248.8 15.5 55.5#



#31
Naphthalene
Concen: 6515.193 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.112 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:128 Resp:32871516
Ion Ratio Lower Upper
128 100
129 15.6 8.4 12.6#
127 19.6 10.7 16.1#

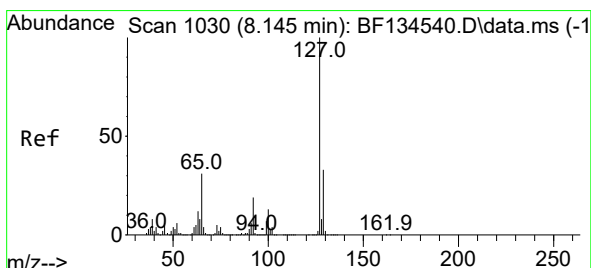
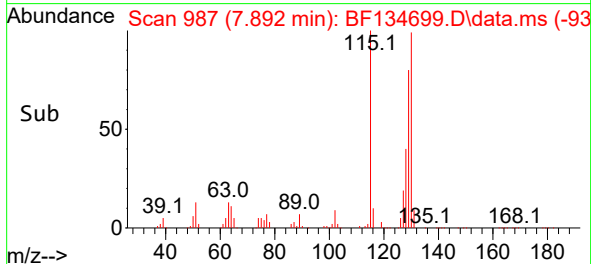
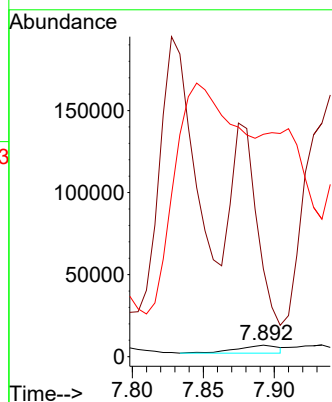
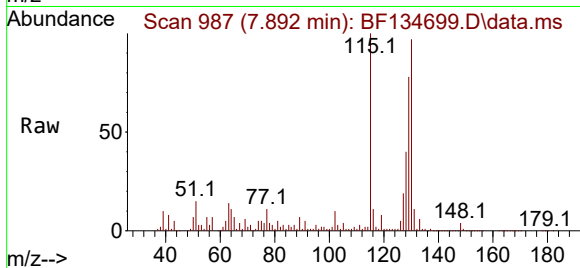




#32
Benzoic acid
Concen: 15.685 ng
RT: 7.892 min Scan# 91
Delta R.T. 0.029 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

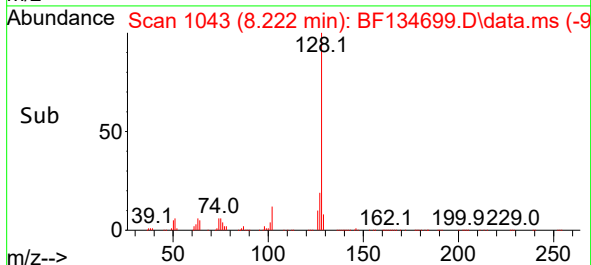
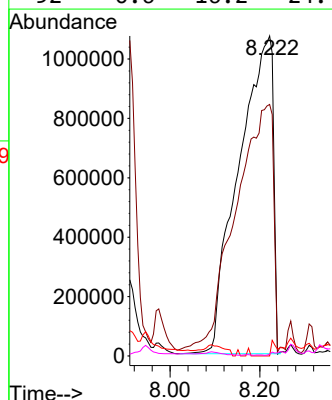
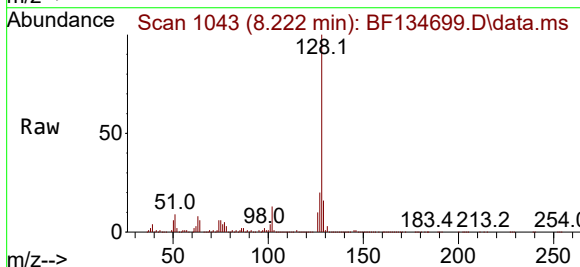
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

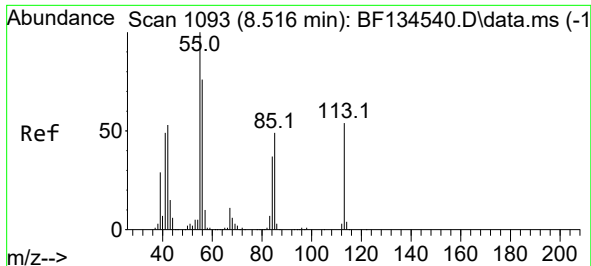
Tgt Ion:122 Resp: 9536
Ion Ratio Lower Upper
122 100
105 763.3 87.5 127.5#
77 1936.9 71.4 111.4#



#33
4-Chloroaniline
Concen: 2534.737 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.071 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:127 Resp: 5698270
Ion Ratio Lower Upper
127 100
129 78.6 25.6 38.4#
65 0.0 25.4 38.0#
92 0.6 16.2 24.4#

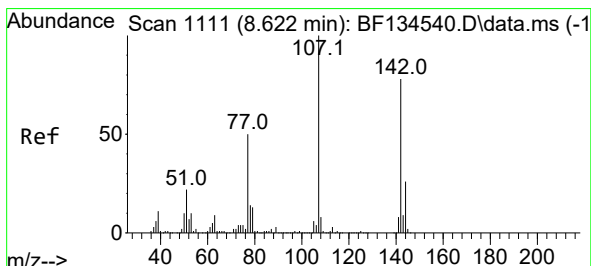
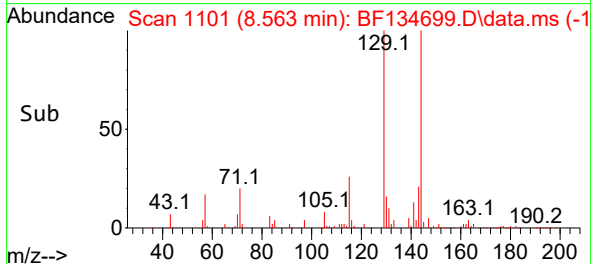
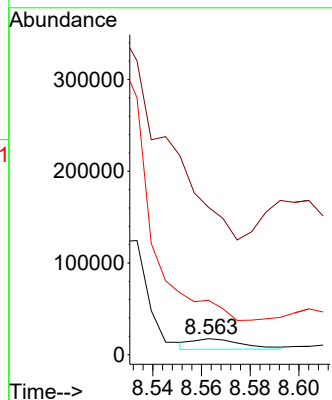
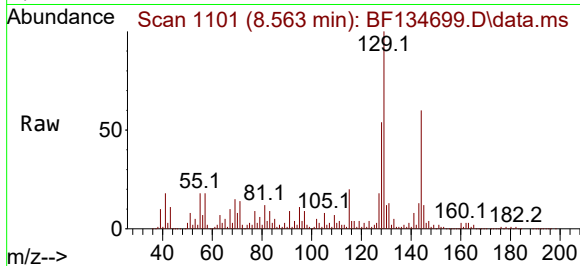




#35
 Caprolactam
 Concen: 35.904 ng
 RT: 8.563 min Scan# 1110
 Delta R.T. 0.029 min
 Lab File: BF134699.D
 Acq: 09 Aug 2023 20:08

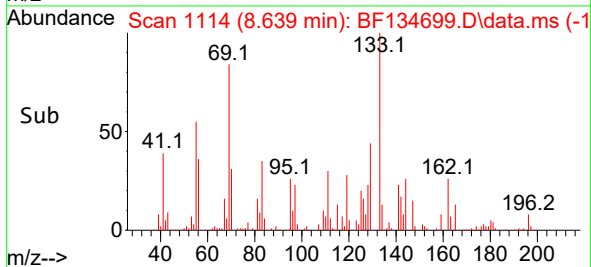
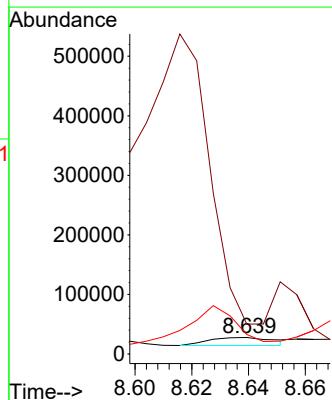
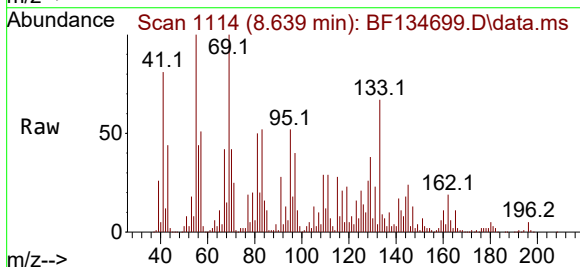
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB-01-Z20-22

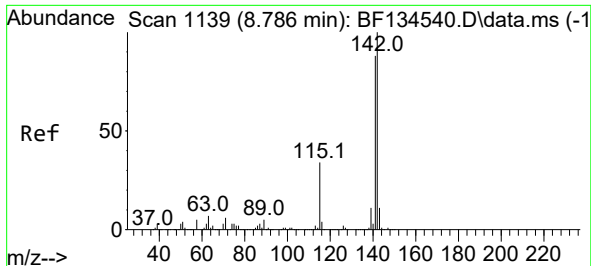
Tgt Ion:113 Resp: 16436
 Ion Ratio Lower Upper
 113 100
 55 922.8 161.5 201.5#
 56 341.3 117.8 157.8#



#36
 4-Chloro-3-methylphenol
 Concen: 14.117 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF134699.D
 Acq: 09 Aug 2023 20:08

Tgt Ion:107 Resp: 21214
 Ion Ratio Lower Upper
 107 100
 144 181.7 19.6 29.4#
 142 118.1 57.7 86.5#

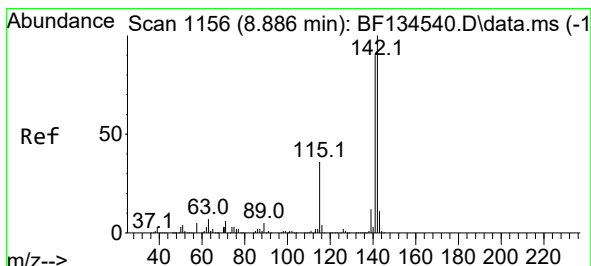
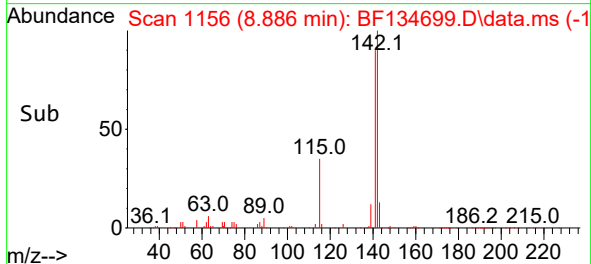
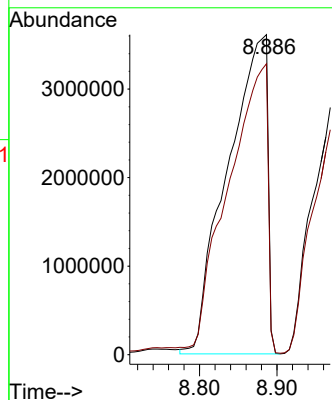
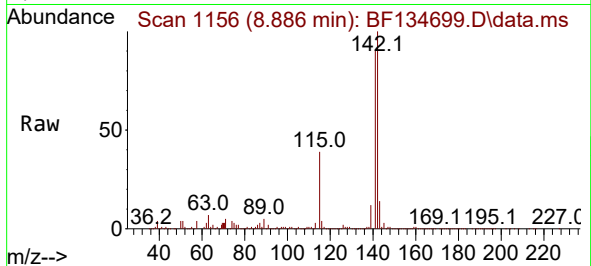




#37
2-Methylnaphthalene
Concen: 3858.950 ng
RT: 8.886 min Scan# 1139
Delta R.T. 0.094 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

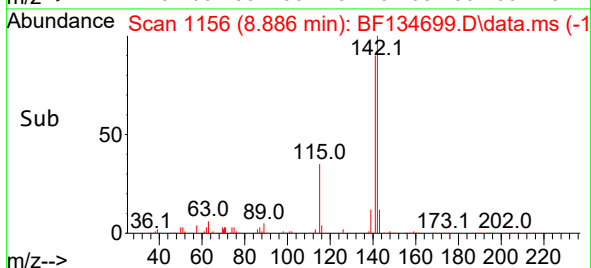
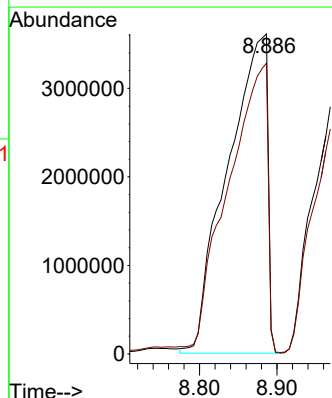
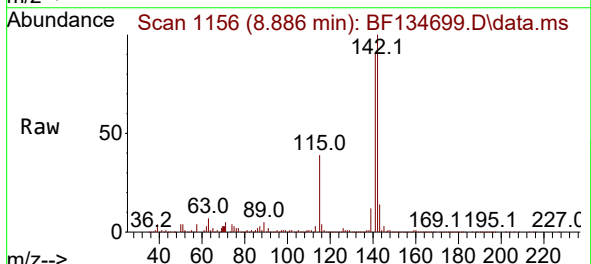
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

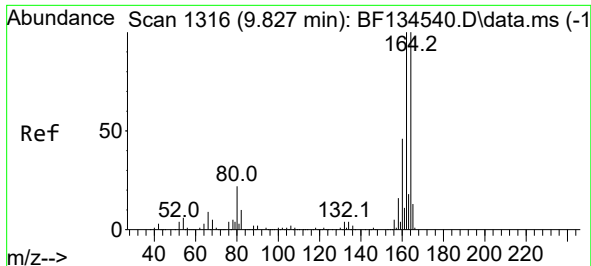
Tgt Ion:142 Resp:12905326
Ion Ratio Lower Upper
142 100
141 90.9 70.8 106.2



#38
1-Methylnaphthalene
Concen: 4149.889 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:142 Resp:12905326
Ion Ratio Lower Upper
142 100
141 90.9 71.4 107.2

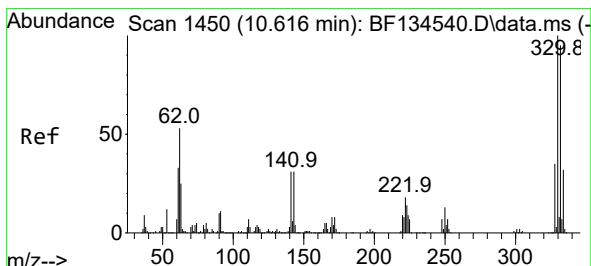
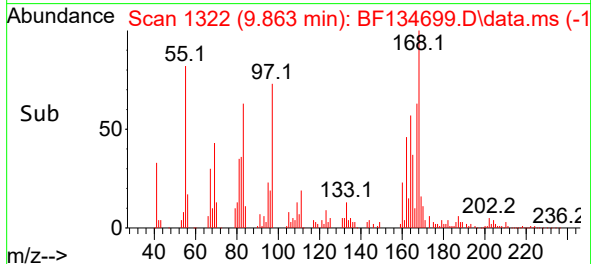
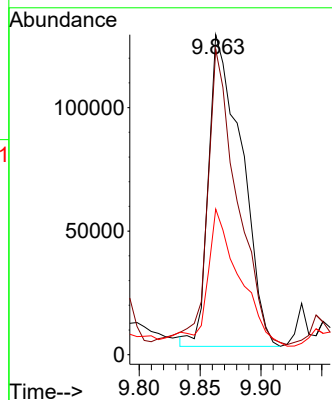
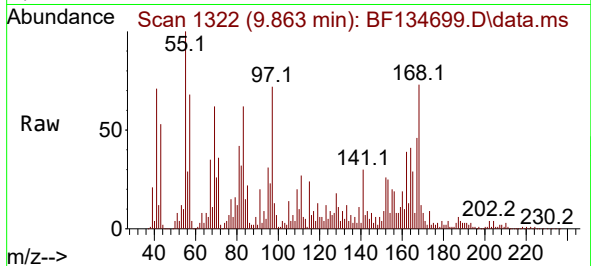




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.029 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

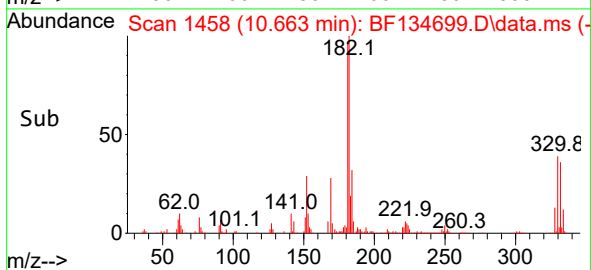
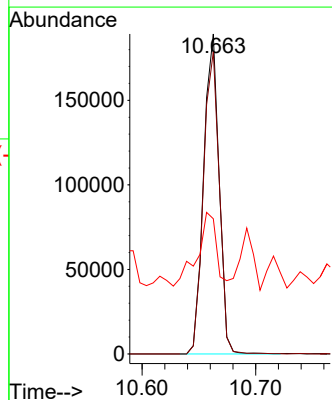
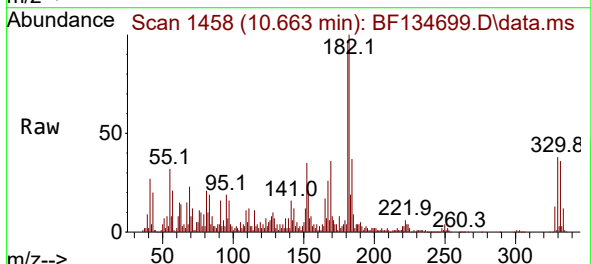
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

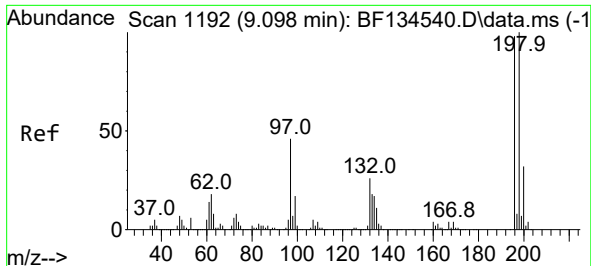
Tgt Ion:164 Resp: 237986
Ion Ratio Lower Upper
164 100
162 95.5 82.6 123.8
160 45.5 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 73.645 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.035 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:330 Resp: 178667
Ion Ratio Lower Upper
330 100
332 96.9 78.8 118.2
141 32.2 25.4 38.2

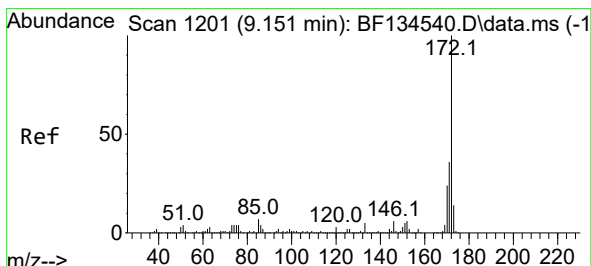
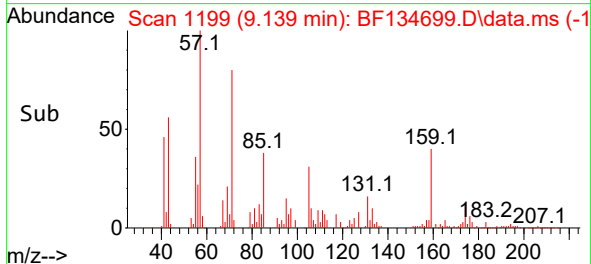
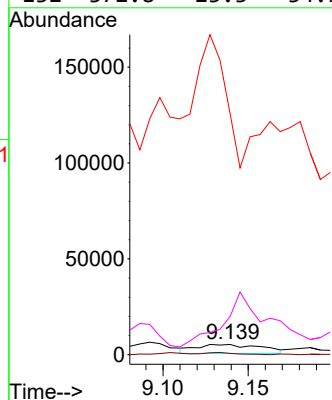
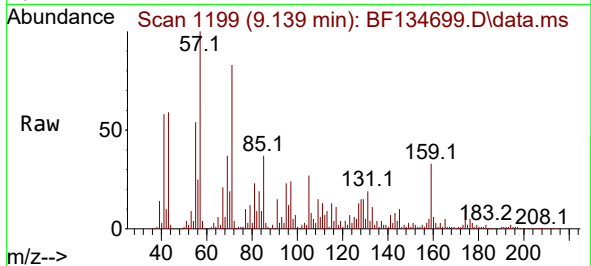




#44
2,4,5-Trichlorophenol
Concen: 2.390 ng
RT: 9.139 min Scan# 1192
Delta R.T. 0.029 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

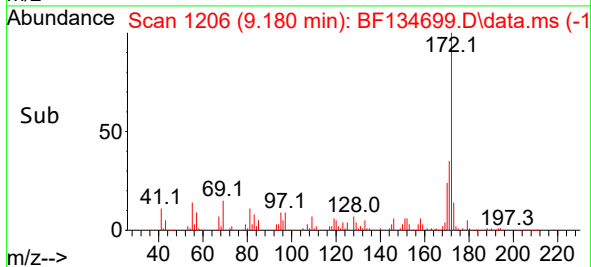
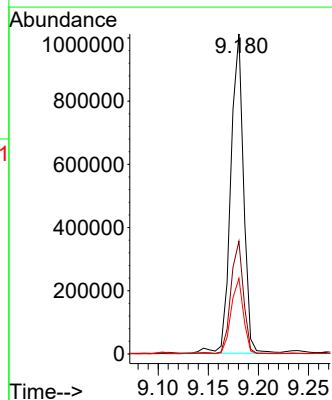
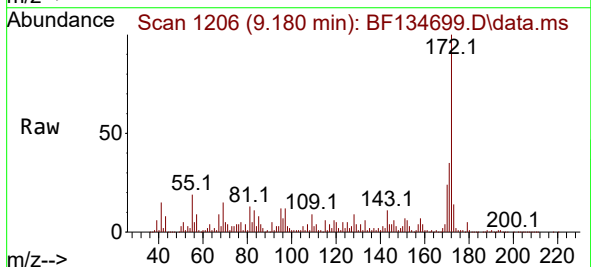
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

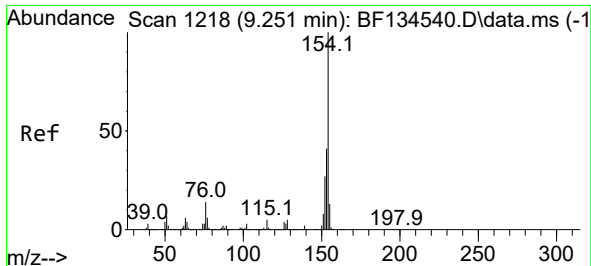
Tgt Ion:196 Resp: 12371
Ion Ratio Lower Upper
196 100
198 12.0 73.0 109.4#
97 2346.1 40.8 61.2#
132 372.8 23.3 34.9#



#45
2-Fluorobiphenyl
Concen: 62.647 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.018 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:172 Resp: 896683
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.6 18.7 28.1





#46

1,1'-Biphenyl

Concen: 156.123 ng

RT: 9.292 min Scan# 1

Delta R.T. 0.029 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z20-22

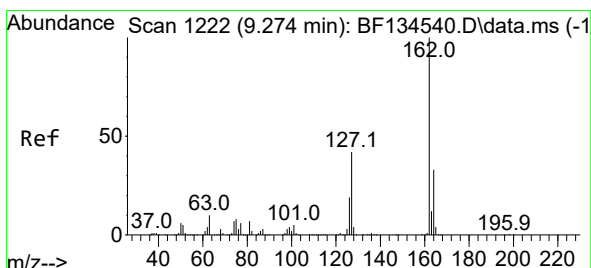
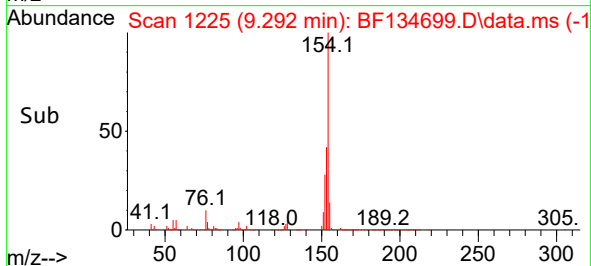
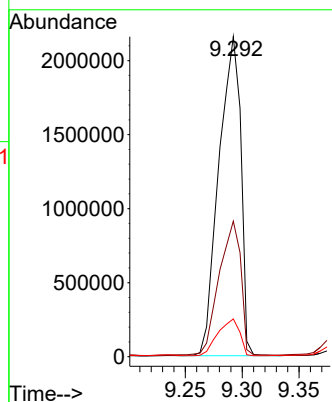
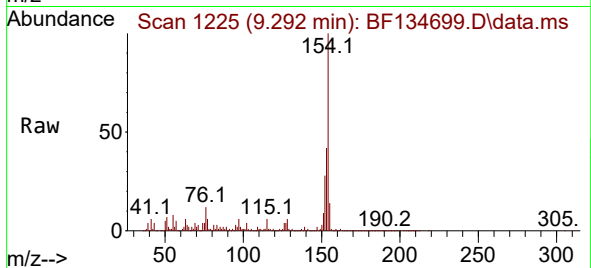
Tgt Ion:154 Resp: 2889285

Ion Ratio Lower Upper

154 100

153 42.3 20.8 60.8

76 11.8 0.0 30.2



#47

2-Chloronaphthalene

Concen: 2.461 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

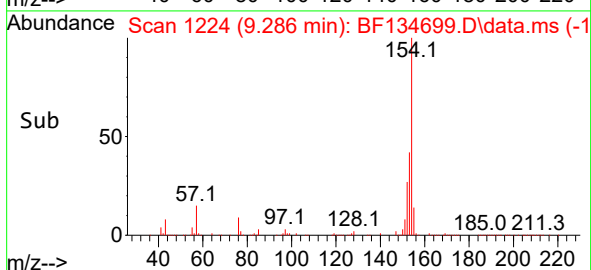
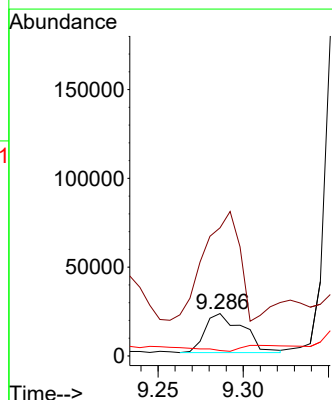
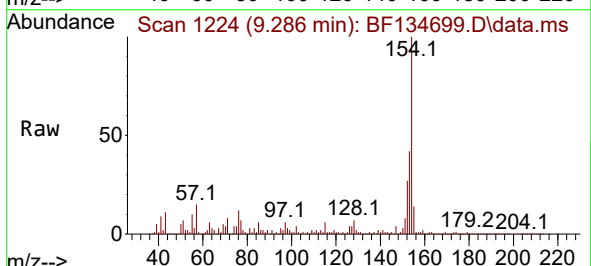
Tgt Ion:162 Resp: 34122

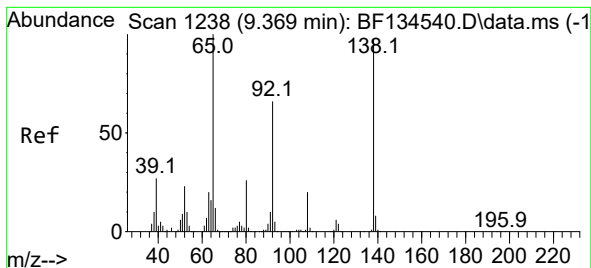
Ion Ratio Lower Upper

162 100

127 302.5 34.0 51.0#

164 13.0 25.7 38.5#





#48

2-Nitroaniline

Concen: 8.638 ng

RT: 9.404 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z20-22

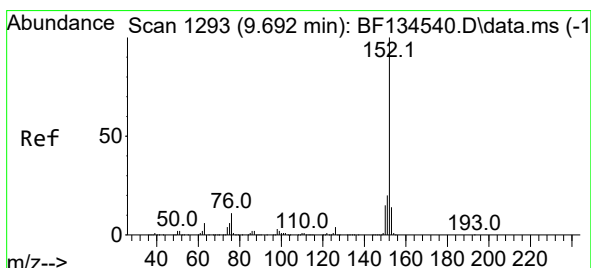
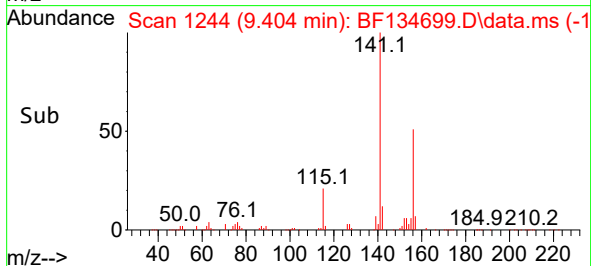
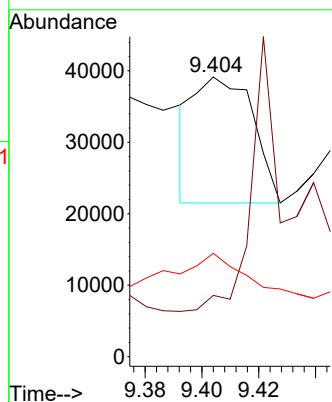
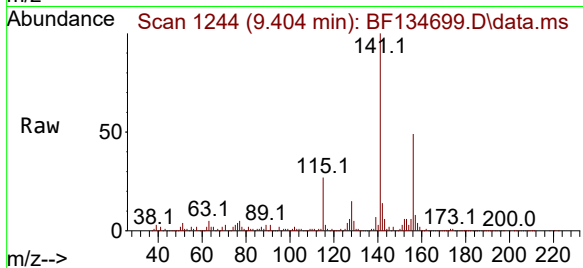
Tgt Ion: 65 Resp: 25326

Ion Ratio Lower Upper

65 100

92 21.9 50.7 76.1#

138 37.0 78.2 117.4#



#49

Acenaphthylene

Concen: 63.719 ng

RT: 9.733 min Scan# 1300

Delta R.T. 0.035 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

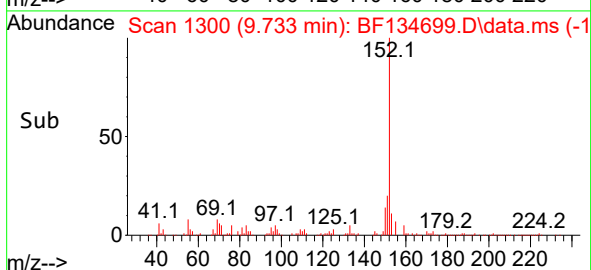
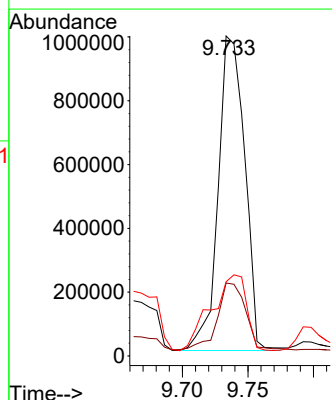
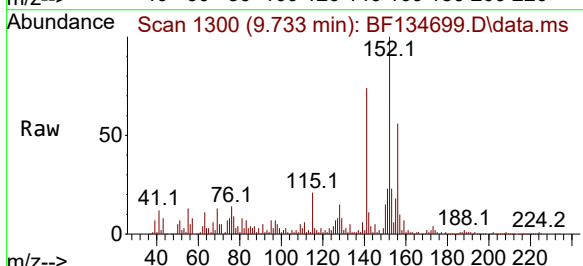
Tgt Ion: 152 Resp: 1388896

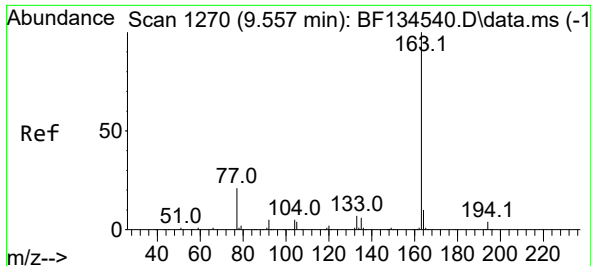
Ion Ratio Lower Upper

152 100

151 22.8 16.4 24.6

153 23.2 10.9 16.3#

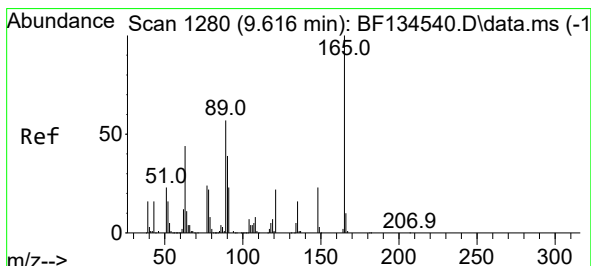
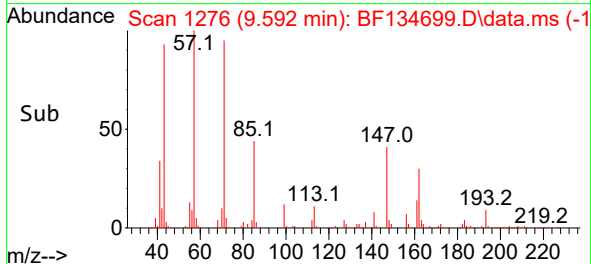
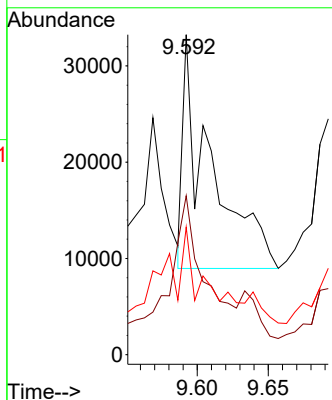
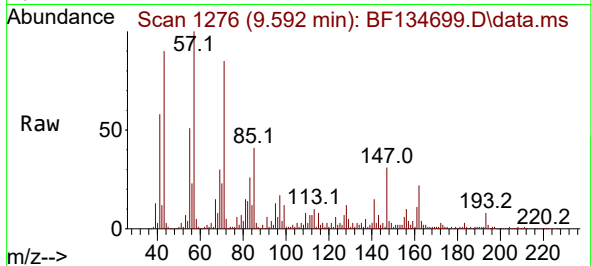




#50
Dimethylphthalate
Concen: 2.021 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

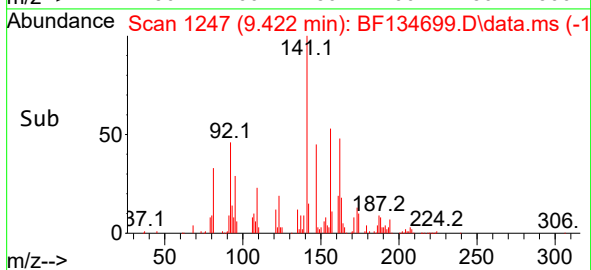
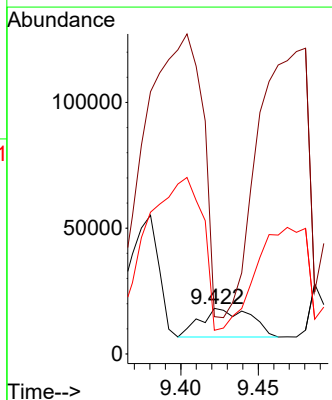
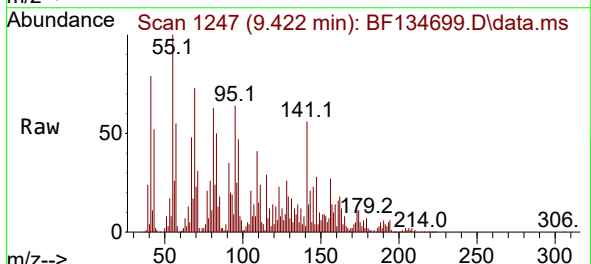
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

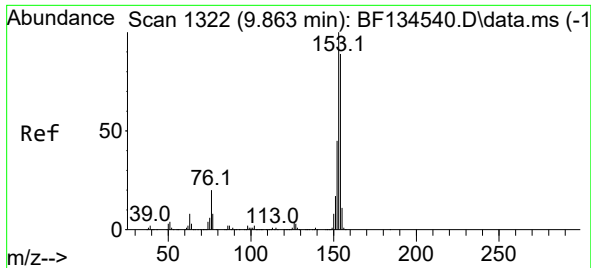
Tgt Ion:163 Resp: 32786
Ion Ratio Lower Upper
163 100
194 49.6 3.3 4.9#
164 39.9 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 9.838 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.206 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:165 Resp: 25739
Ion Ratio Lower Upper
165 100
63 81.7 57.8 86.6
89 52.1 51.8 77.8

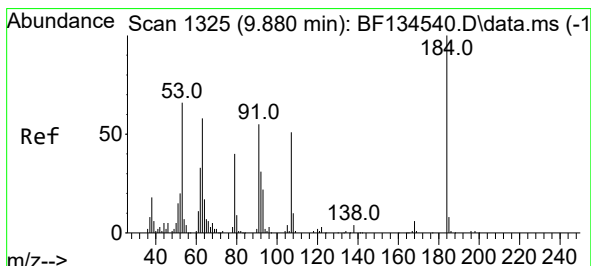
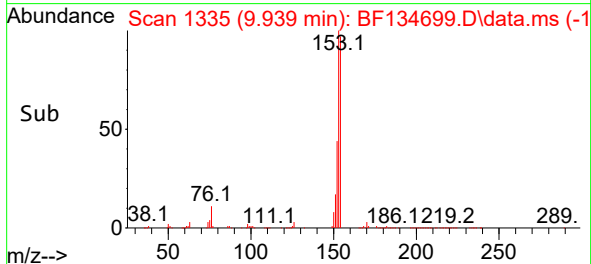
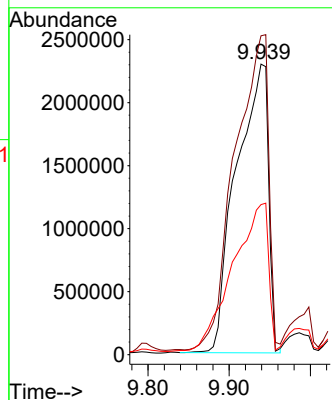
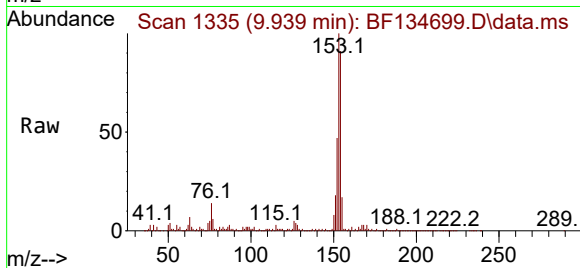




#52
Acenaphthene
Concen: 443.043 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

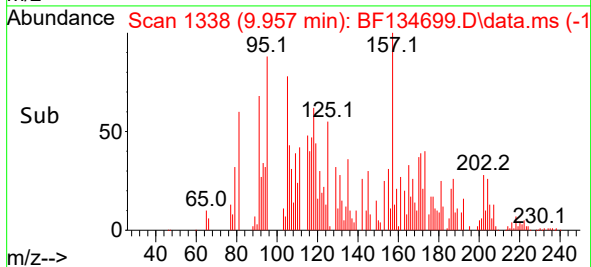
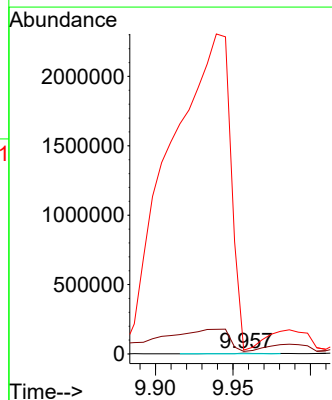
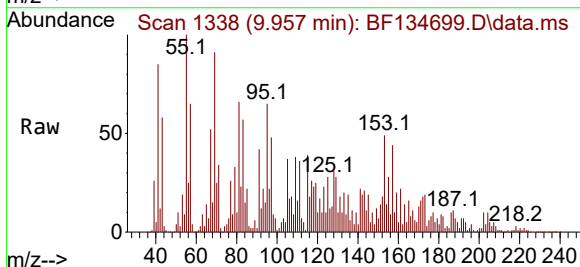
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

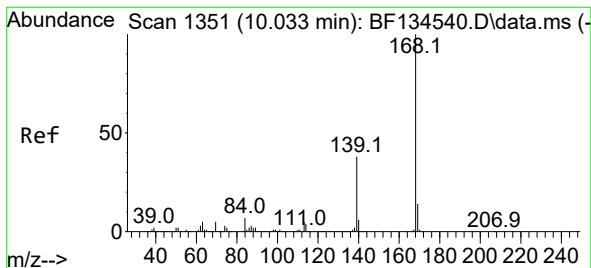
Tgt Ion:154 Resp: 6258292
Ion Ratio Lower Upper
154 100
153 109.7 90.0 135.0
152 51.7 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 14.003 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.059 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:184 Resp: 7434
Ion Ratio Lower Upper
184 100
63 338.7 57.1 85.7#
154 511.4 59.1 88.7#





#55

Dibenzofuran

Concen: 36.646 ng

RT: 10.086 min Scan# 1360

Delta R.T. 0.041 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z20-22

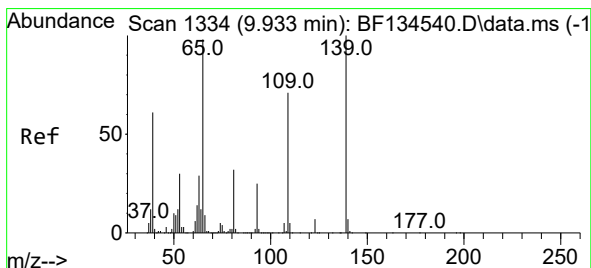
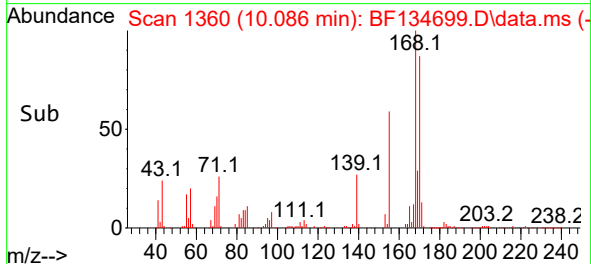
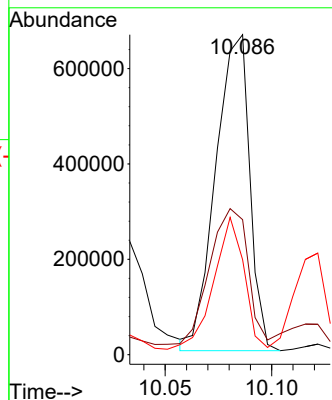
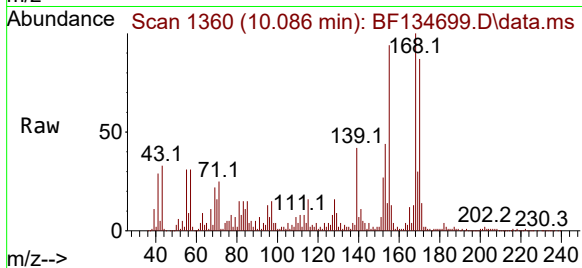
Tgt Ion:168 Resp: 736898

Ion Ratio Lower Upper

168 100

139 42.2 33.4 50.2

169 29.7 10.6 15.8#



#56

4-Nitrophenol

Concen: 69.475 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.035 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

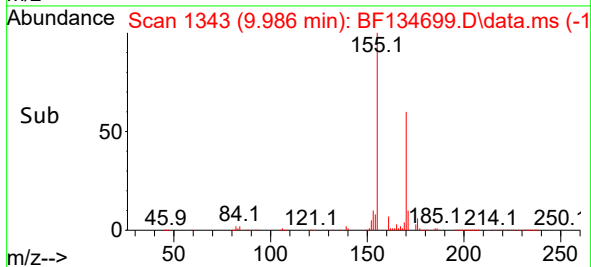
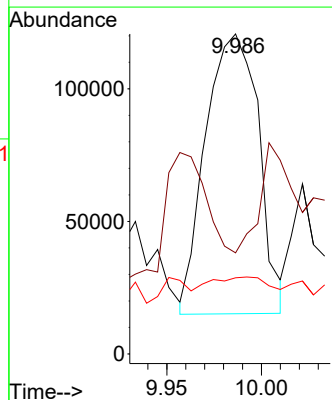
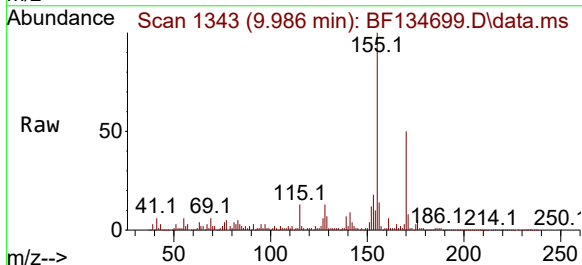
Tgt Ion:139 Resp: 205431

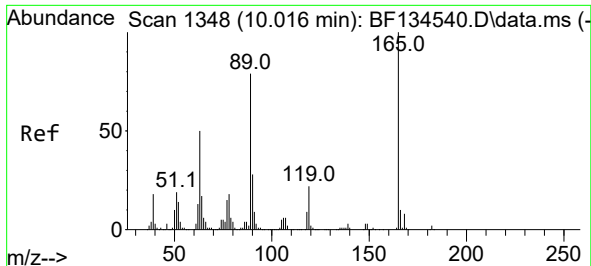
Ion Ratio Lower Upper

139 100

109 31.6 76.9 116.9#

65 23.8 98.5 138.5#

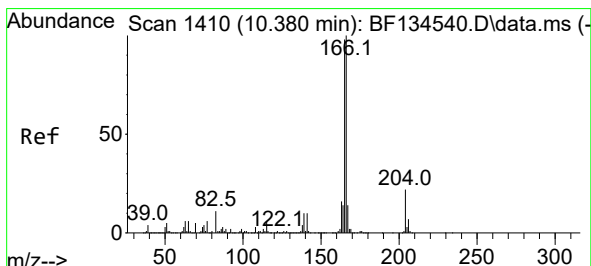
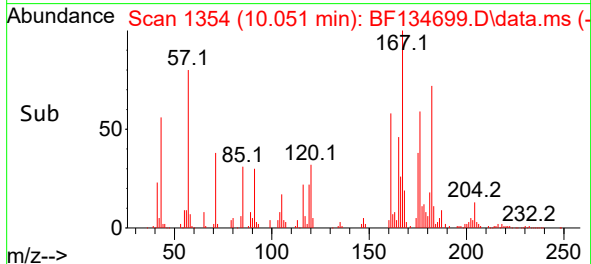
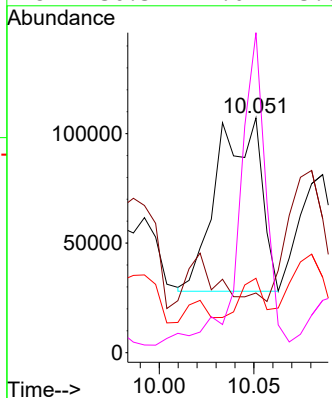
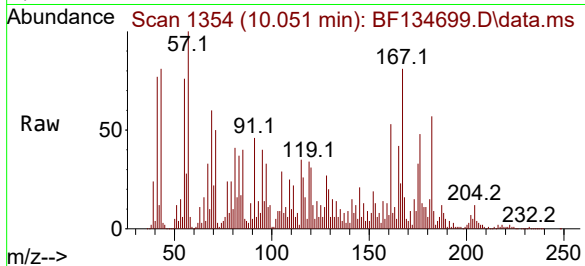




#57
2,4-Dinitrotoluene
Concen: 32.897 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

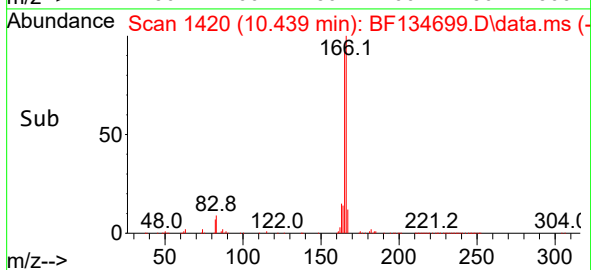
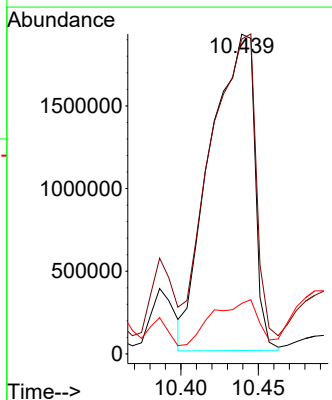
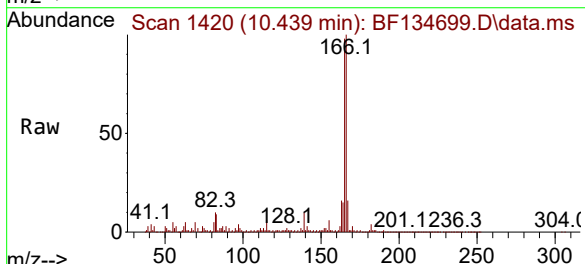
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

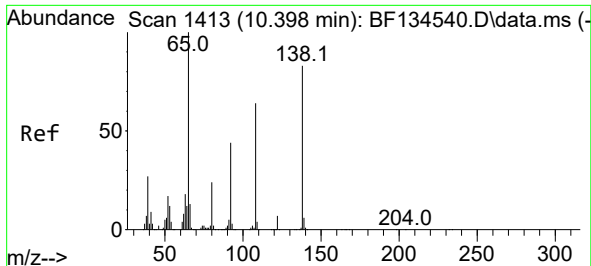
Tgt Ion:165 Resp: 128226
Ion Ratio Lower Upper
165 100
63 25.4 48.9 73.3#
89 31.7 61.7 92.5#
182 136.3 2.0 3.0#



#58
Fluorene
Concen: 259.990 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.053 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:166 Resp: 3808034
Ion Ratio Lower Upper
166 100
165 98.5 74.5 111.7
167 15.8 10.6 16.0

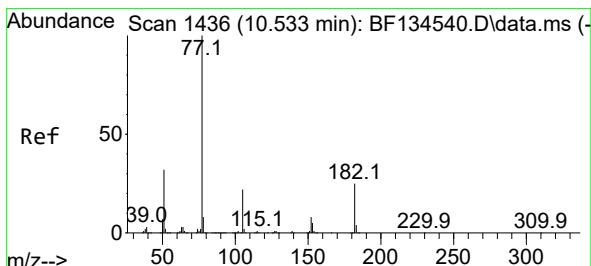
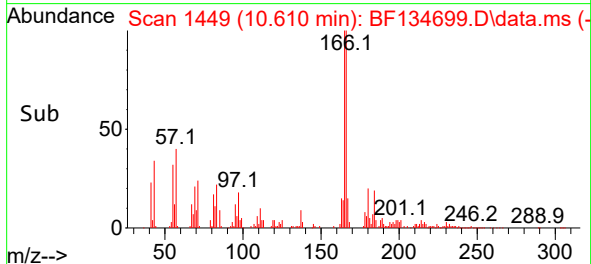
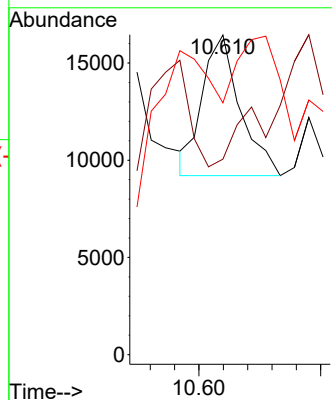
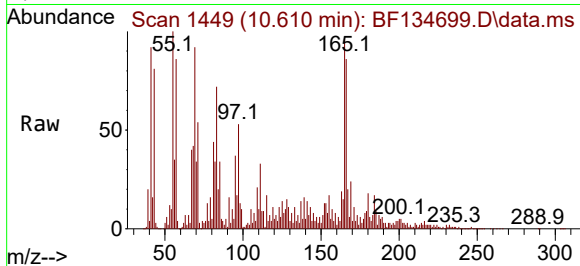




#62
4-Nitroaniline
Concen: 2.194 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.200 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

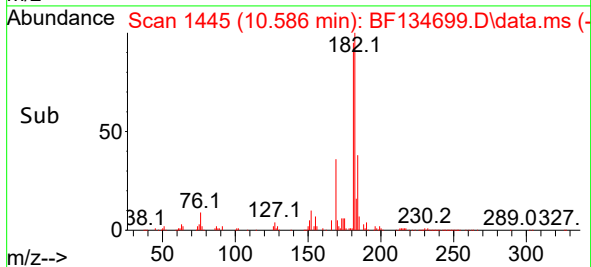
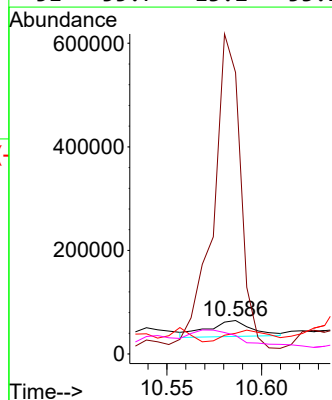
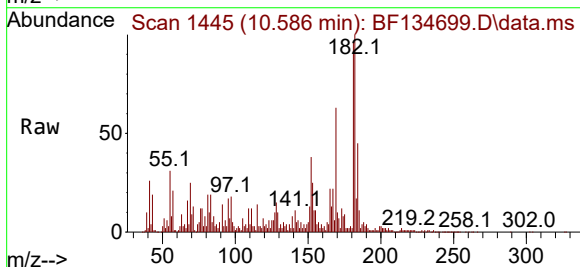
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

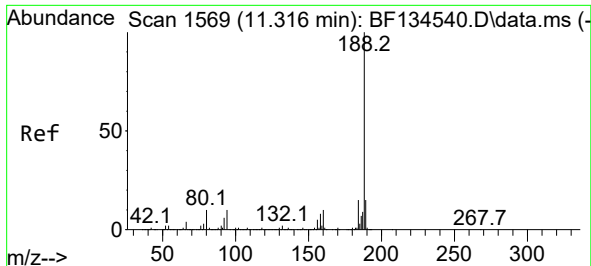
Tgt Ion:138 Resp: 7774
Ion Ratio Lower Upper
138 100
92 61.2 27.0 67.0
108 78.8 70.4 110.4



#63
Azobenzene
Concen: 3.007 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.047 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion: 77 Resp: 49665
Ion Ratio Lower Upper
77 100
182 840.2 7.5 47.5#
105 61.5 1.9 41.9#
51 55.7 13.2 53.2#

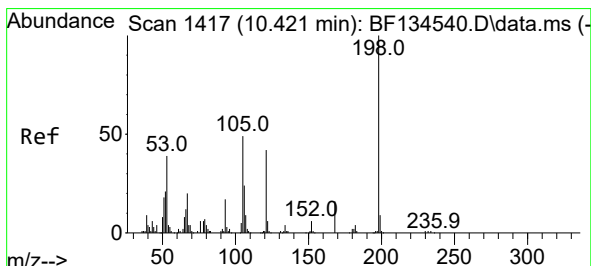
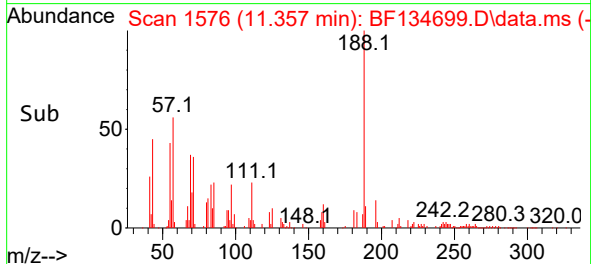
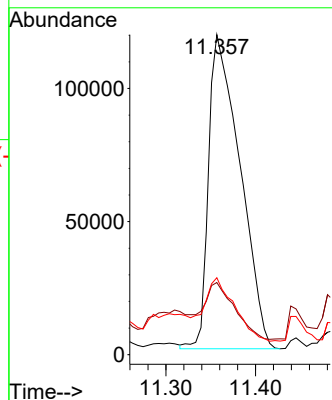
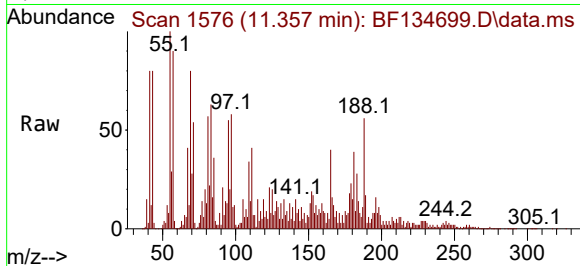




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1
Delta R.T. 0.035 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

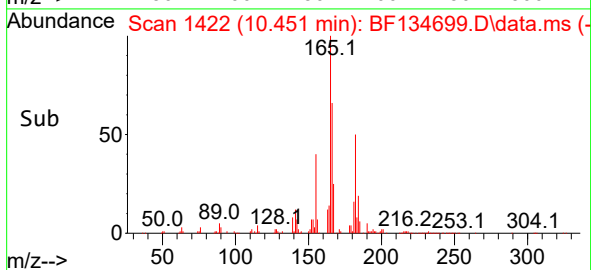
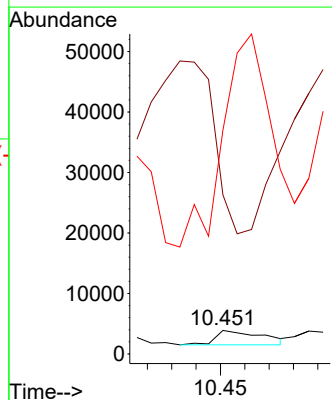
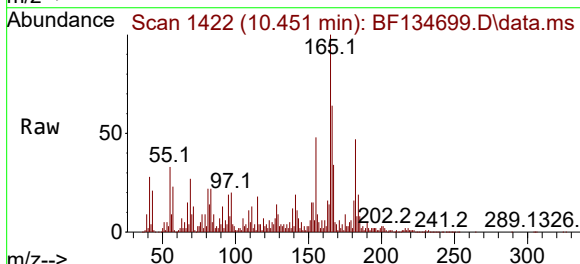
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

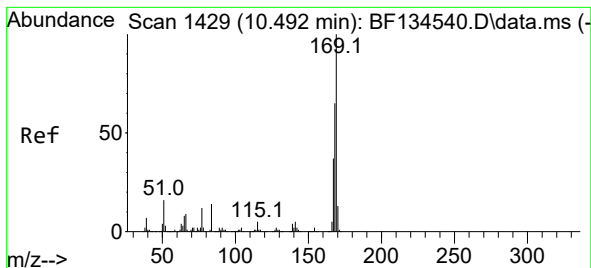
Tgt Ion:188 Resp: 287244
Ion Ratio Lower Upper
188 100
94 22.5 5.1 7.7#
80 24.0 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 10.932 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:198 Resp: 3167
Ion Ratio Lower Upper
198 100
51 676.1 38.6 78.6#
105 950.7 27.9 67.9#

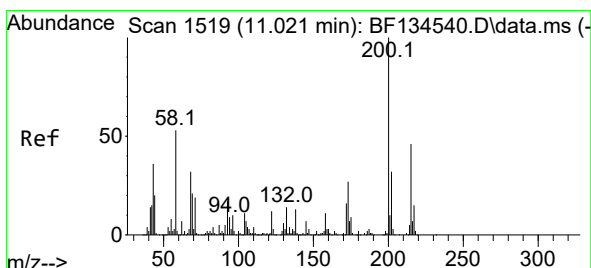
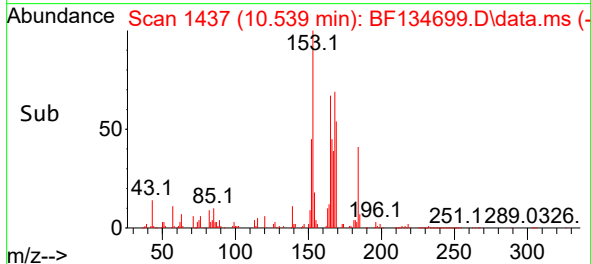
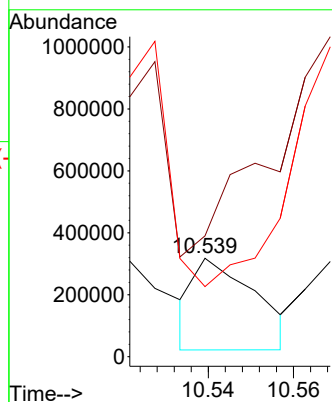
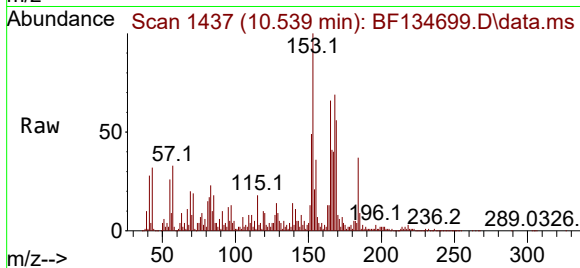




#66
n-Nitrosodiphenylamine
Concen: 32.265 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.035 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

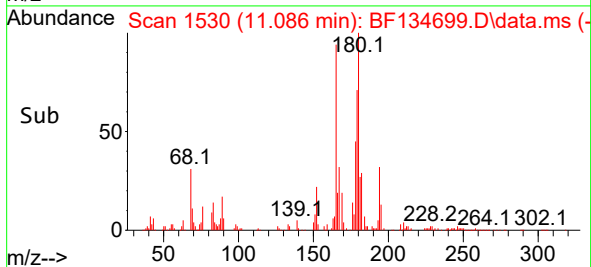
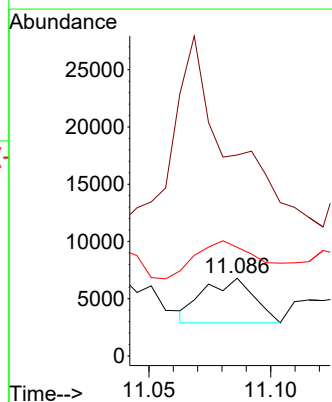
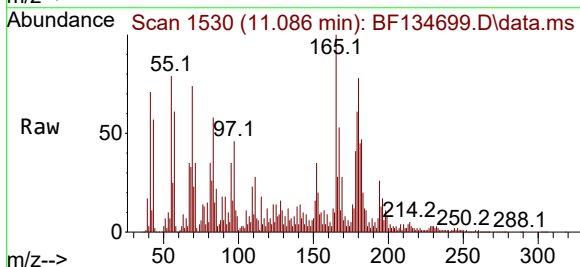
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

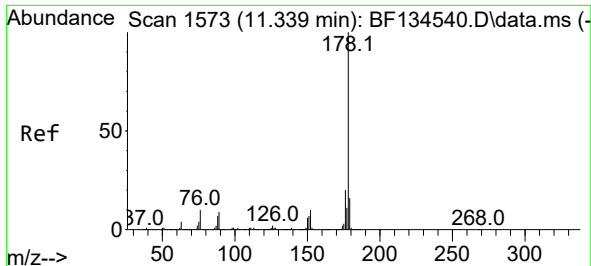
Tgt Ion:169 Resp: 294993
Ion Ratio Lower Upper
169 100
168 122.6 52.6 78.8#
167 71.1 29.8 44.8#



#69
Atrazine
Concen: 2.265 ng
RT: 11.086 min Scan# 1530
Delta R.T. 0.053 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:200 Resp: 5581
Ion Ratio Lower Upper
200 100
173 258.4 6.1 46.1#
215 139.7 29.7 69.7#

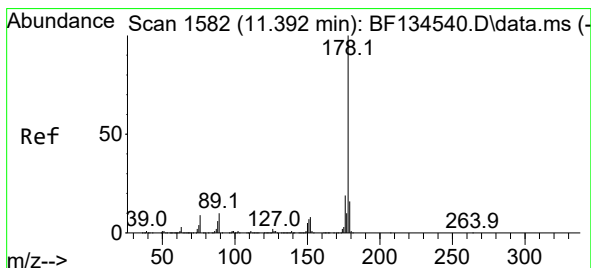
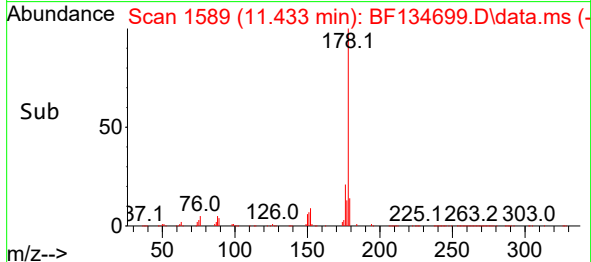
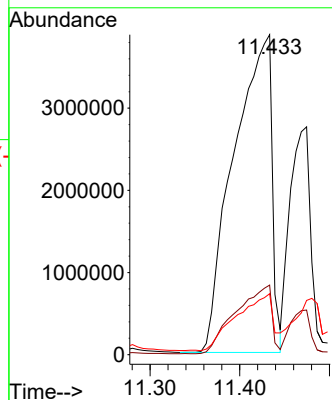
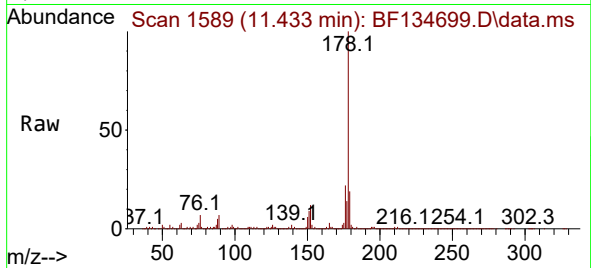




#71
Phenanthrene
Concen: 746.331 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.082 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

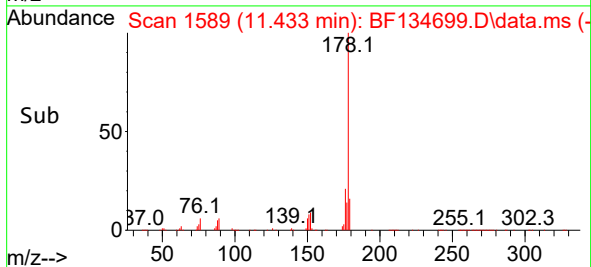
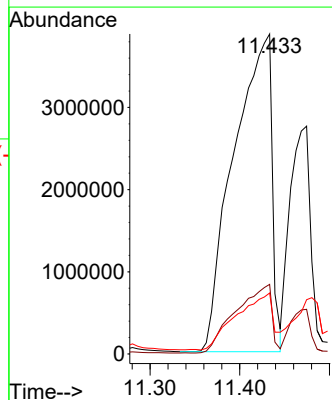
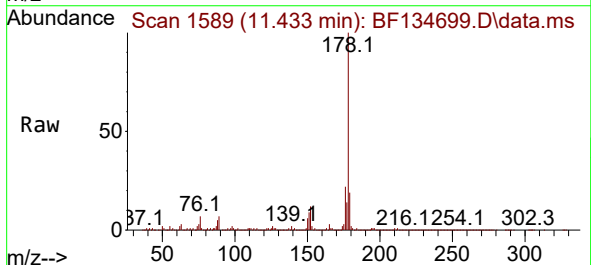
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

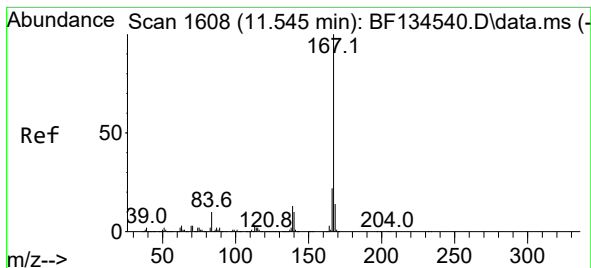
Tgt Ion:178 Resp:11386952
Ion Ratio Lower Upper
178 100
176 21.7 15.8 23.6
179 19.1 12.7 19.1



#72
Anthracene
Concen: 730.659 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.029 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:178 Resp:11386952
Ion Ratio Lower Upper
178 100
176 21.7 14.6 21.8
179 19.1 12.3 18.5#





#73

Carbazole

Concen: 24.328 ng

RT: 11.592 min Scan# 1

Delta R.T. 0.035 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z20-22

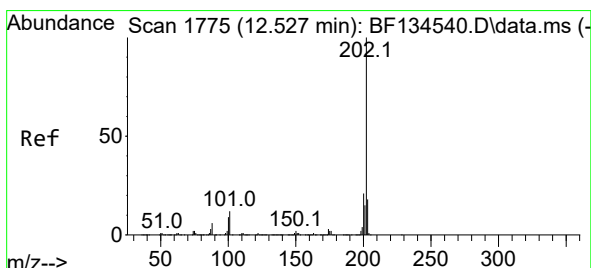
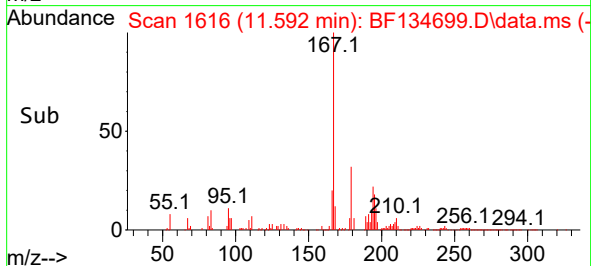
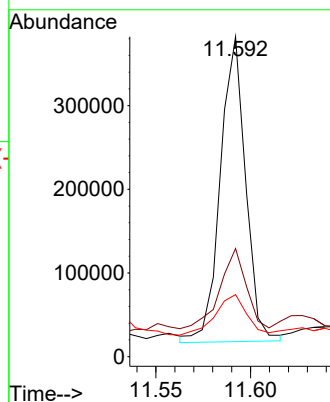
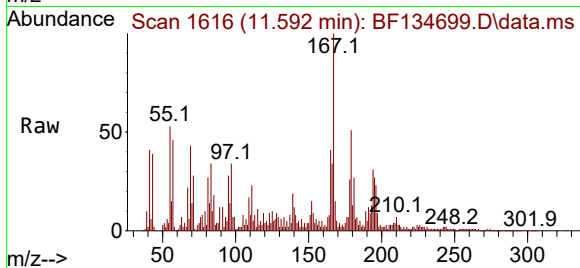
Tgt Ion:167 Resp: 338520

Ion Ratio Lower Upper

167 100

166 33.8 17.5 26.3#

139 19.4 11.0 16.4#



#75

Fluoranthene

Concen: 318.555 ng

RT: 12.610 min Scan# 1789

Delta R.T. 0.071 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

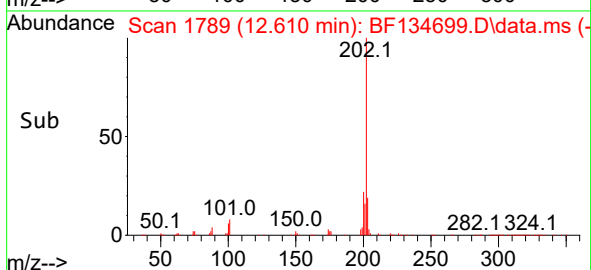
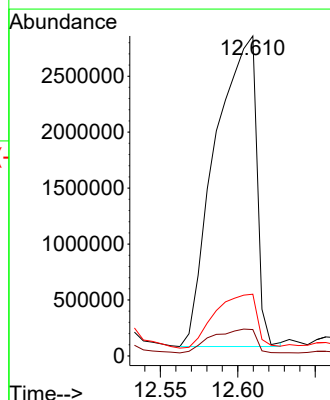
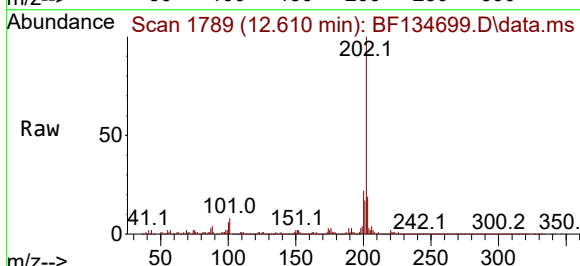
Tgt Ion:202 Resp: 5133963

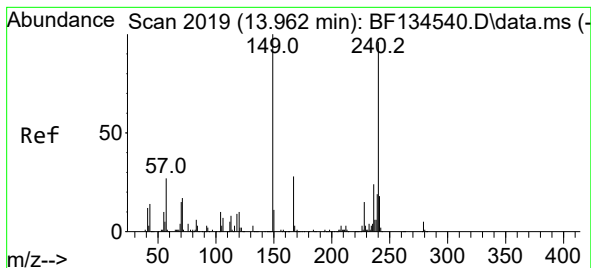
Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.5

203 19.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 20

Delta R.T. 0.053 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z20-22

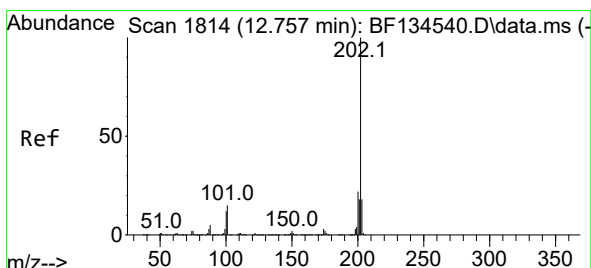
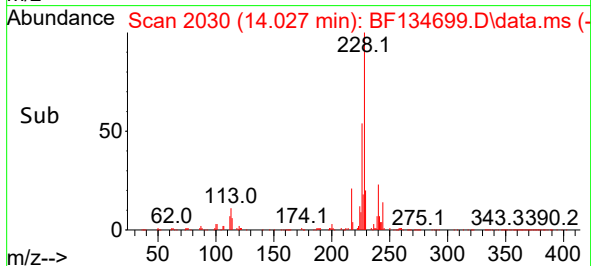
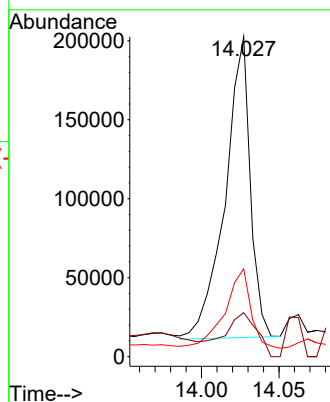
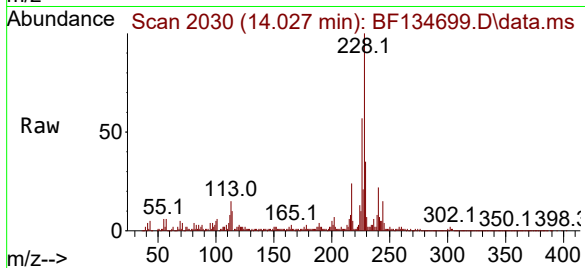
Tgt Ion:240 Resp: 214463

Ion Ratio Lower Upper

240 100

120 13.8 6.6 10.0#

236 27.4 20.2 30.2



#78

Pyrene

Concen: 163.825 ng

RT: 12.692 min Scan# 1803

Delta R.T. -0.076 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

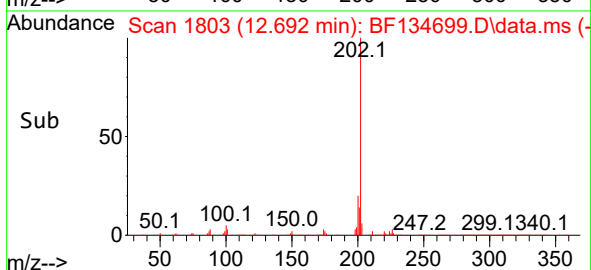
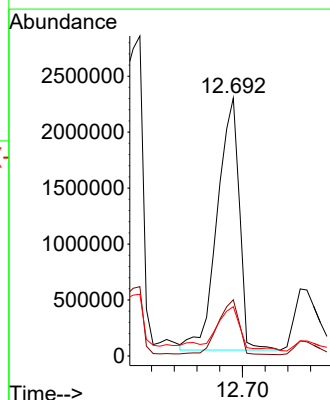
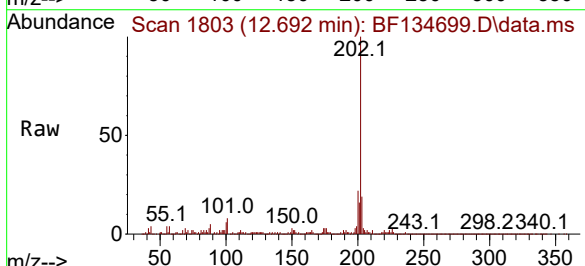
Tgt Ion:202 Resp: 3040233

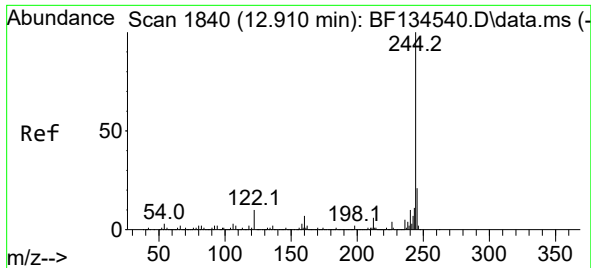
Ion Ratio Lower Upper

202 100

200 21.7 15.8 23.8

203 19.1 13.5 20.3

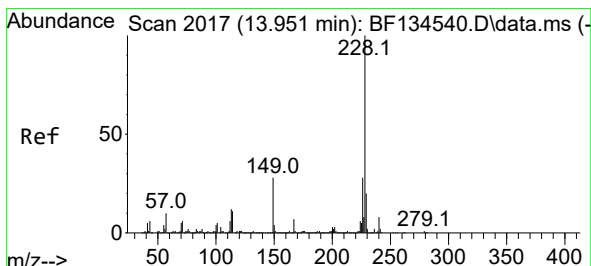
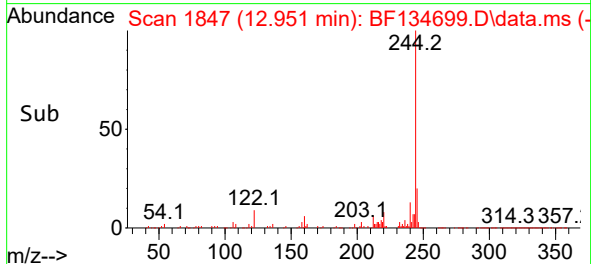
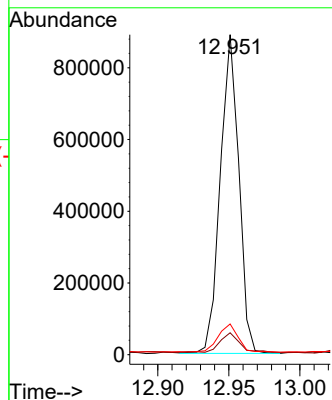
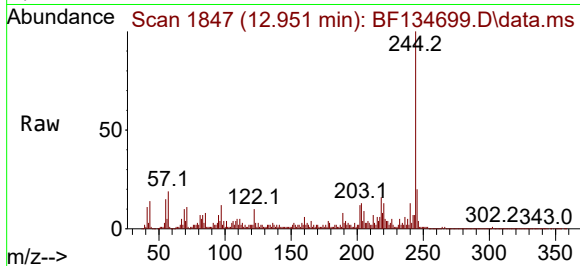




#79
 Terphenyl-d14
 Concen: 66.157 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.029 min
 Lab File: BF134699.D
 Acq: 09 Aug 2023 20:08

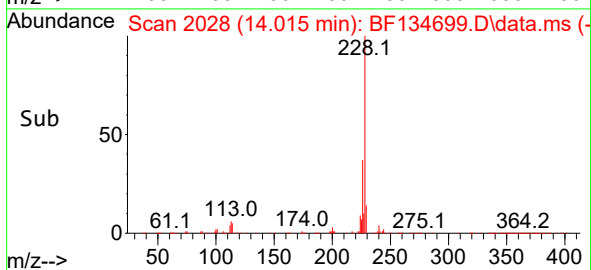
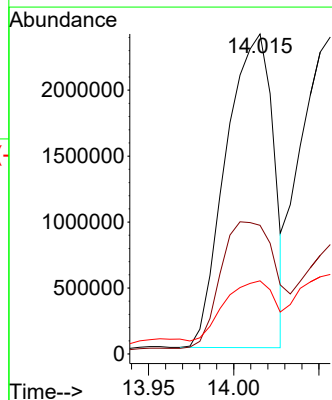
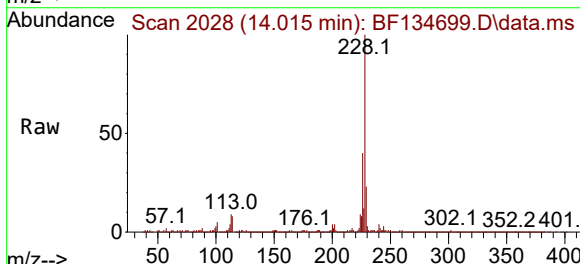
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB-01-Z20-22

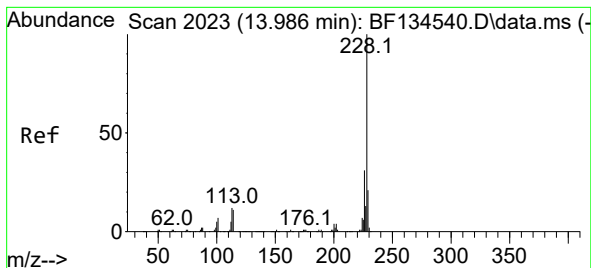
Tgt Ion:244 Resp: 804837
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.6 8.0 12.0



#81
 Benzo(a)anthracene
 Concen: 300.582 ng
 RT: 14.015 min Scan# 2028
 Delta R.T. 0.053 min
 Lab File: BF134699.D
 Acq: 09 Aug 2023 20:08

Tgt Ion:228 Resp: 4609466
 Ion Ratio Lower Upper
 228 100
 226 40.2 22.3 33.5#
 229 22.9 15.8 23.6





#83

Chrysene

Concen: 234.626 ng

RT: 14.057 min Scan# 20

Delta R.T. 0.059 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z20-22

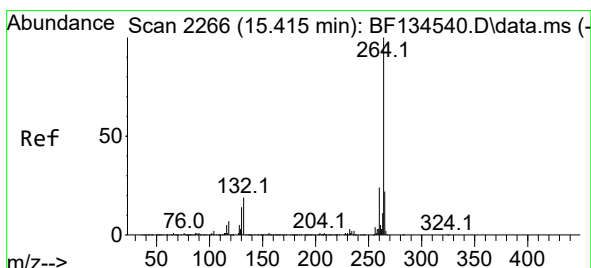
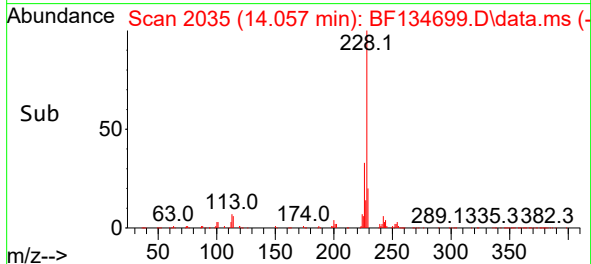
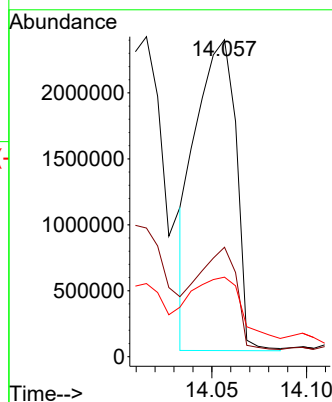
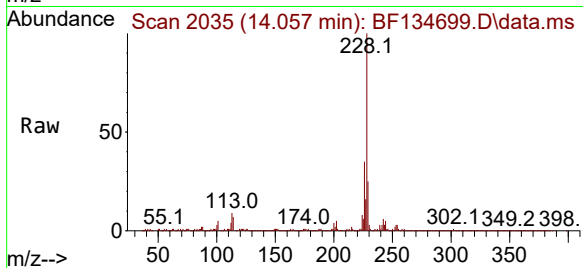
Tgt Ion:228 Resp: 3505418

Ion Ratio Lower Upper

228 100

226 34.5 24.5 36.7

229 25.1 15.8 23.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2277

Delta R.T. 0.041 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

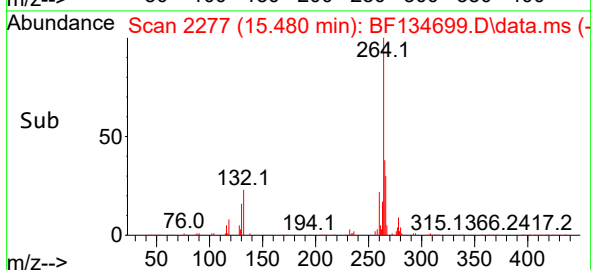
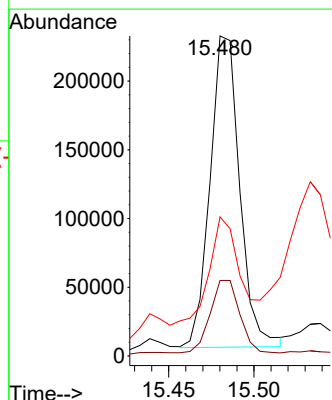
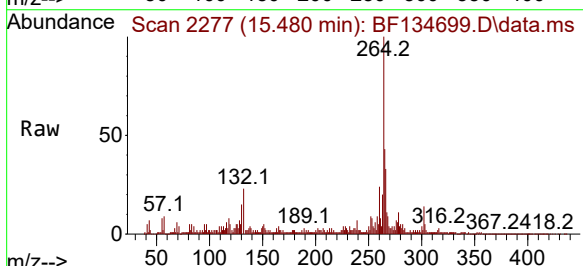
Tgt Ion:264 Resp: 274824

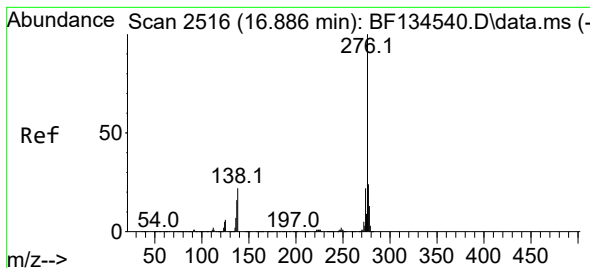
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 43.4 15.8 23.8#





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.817 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z20-22

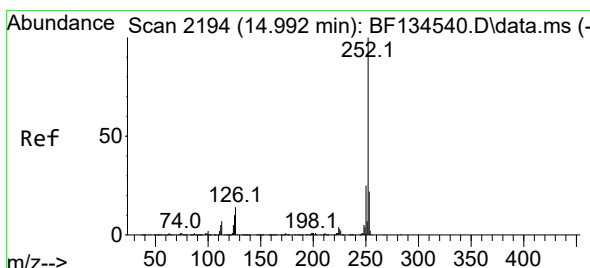
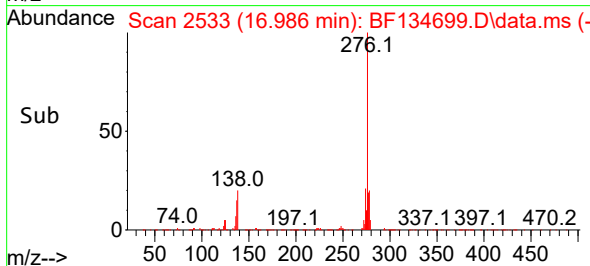
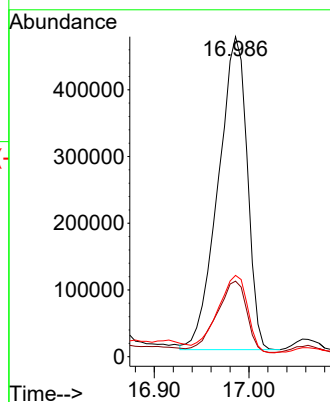
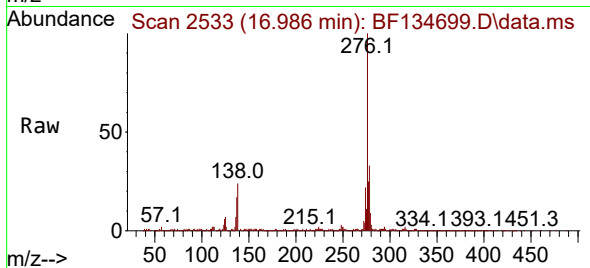
Tgt Ion:276 Resp: 999154

Ion Ratio Lower Upper

276 100

138 23.5 14.2 21.4#

277 25.8 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 221.406 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.053 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

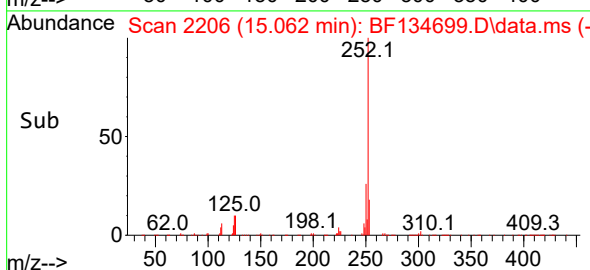
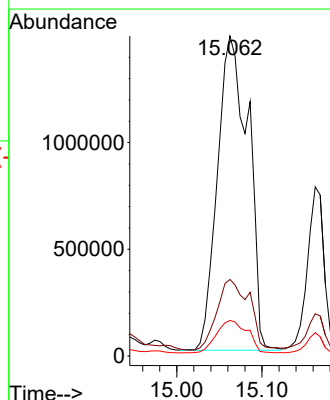
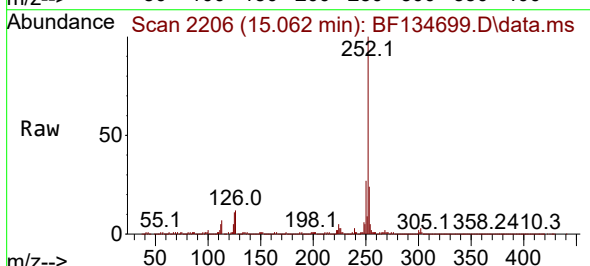
Tgt Ion:252 Resp: 3711035

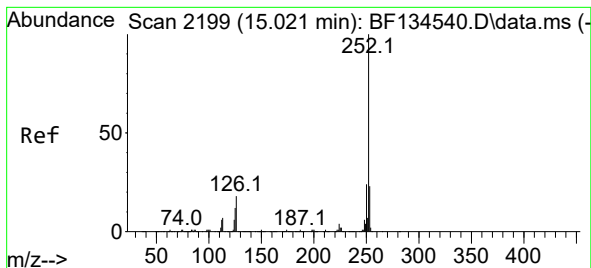
Ion Ratio Lower Upper

252 100

253 23.9 17.3 25.9

125 11.1 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 222.258 ng

RT: 15.062 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB-01-Z20-22

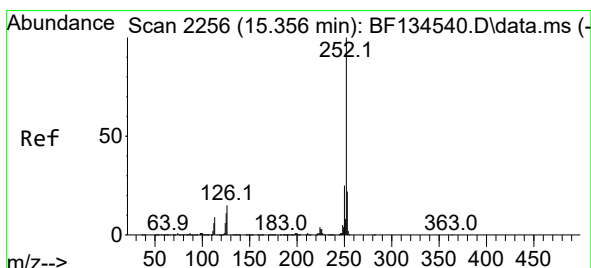
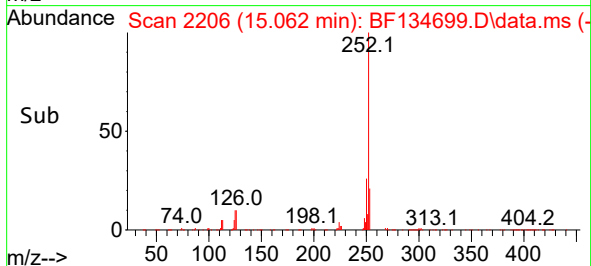
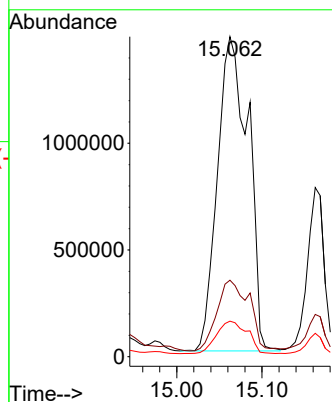
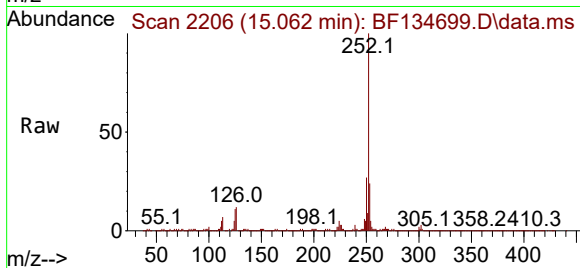
Tgt Ion:252 Resp: 3711035

Ion Ratio Lower Upper

252 100

253 23.9 17.9 26.9

125 11.1 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 193.694 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.059 min

Lab File: BF134699.D

Acq: 09 Aug 2023 20:08

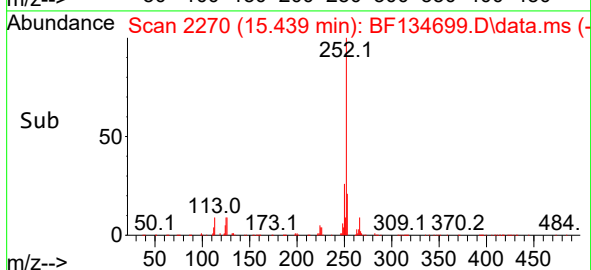
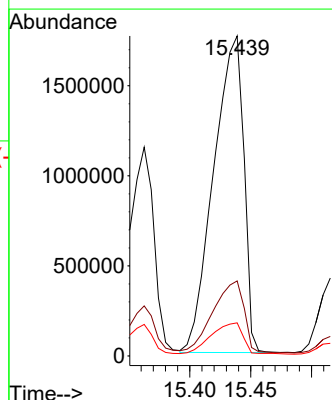
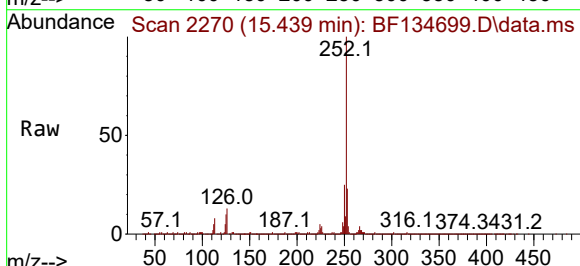
Tgt Ion:252 Resp: 3027031

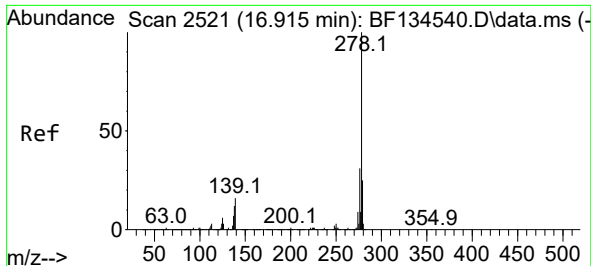
Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.4

125 10.3 6.2 9.4#

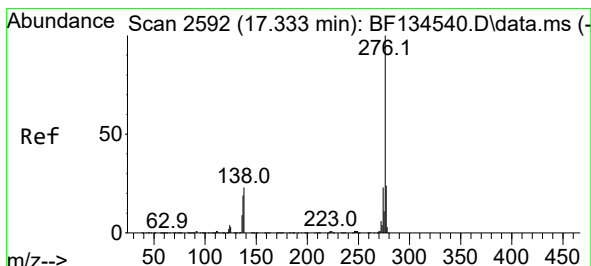
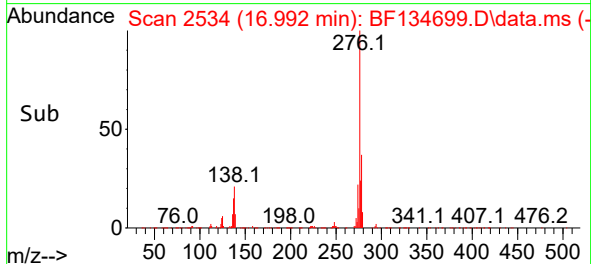
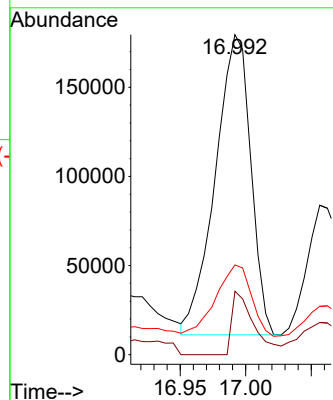
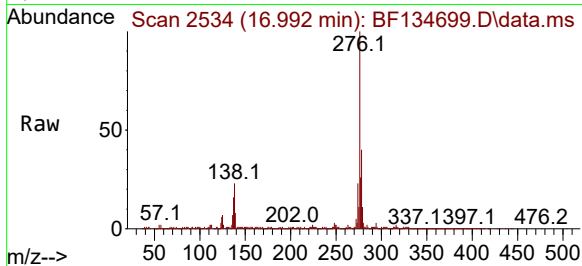




#91
Dibenzo(a,h)anthracene
Concen: 24.261 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

Tgt Ion:278 Resp: 316910
Ion Ratio Lower Upper
278 100
139 19.8 10.0 15.0#
279 28.0 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 80.125 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.071 min
Lab File: BF134699.D
Acq: 09 Aug 2023 20:08

Tgt Ion:276 Resp: 1067615
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.6
138 22.5 12.2 18.2#

