

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134766.D
 Acq On : 14 Aug 2023 18:46
 Operator : CG\JU
 Sample : 03975-01 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB03-Z10-12

Quant Time: Aug 15 00:33:18 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	6.798	152	142181	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	396697	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	254035	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	415765	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	246079	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	289201	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	45683	4.884	ng	-0.01
7) Phenol-d6	6.428	99	56278	4.707	ng	-0.01
23) Nitrobenzene-d5	7.357	82	30996	4.883	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	11703	4.519	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	68843	4.506	ng	-0.01
79) Terphenyl-d14	12.915	244	60893	4.362	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.357	77	45657	5.174	ng	# 1
18) Hexachloroethane	7.333	117	57397	16.715	ng	# 1
26) 2-Nitrophenol	7.698	139	601	4.978	ng	# 1
31) Naphthalene	8.139	128	9965431	499.840	ng	95
32) Benzoic acid	7.863	122	1836	8.248	ng	# 1
33) 4-Chloroaniline	8.139	127	1454052	163.681	ng	# 35
35) Caprolactam	8.504	113	5954	3.291	ng	# 21
37) 2-Methylnaphthalene	8.816	142	3598363	272.290	ng	98
38) 1-Methylnaphthalene	8.910	142	2581911	210.105	ng	97
46) 1,1'-Biphenyl	9.257	154	982749	49.748	ng	98
48) 2-Nitroaniline	9.357	65	23446	7.912	ng	# 28
49) Acenaphthylene	9.698	152	420943	18.092	ng	# 89
51) 2,6-Dinitrotoluene	9.533	165	14405	6.345	ng	# 72
52) Acenaphthene	9.880	154	2012045	133.440	ng	99
54) 2,4-Dinitrophenol	9.910	184	1599	8.288	ng	# 1
55) Dibenzofuran	10.039	168	218142	10.163	ng	# 87
56) 4-Nitrophenol	9.939	139	34318	10.873	ng	# 10
57) 2,4-Dinitrotoluene	10.039	165	14991	6.142	ng	# 49
58) Fluorene	10.392	166	1278797	81.793	ng	95
65) 4,6-Dinitro-2-methylph...	10.451	198	267	8.829	ng	# 1
66) n-Nitrosodiphenylamine	10.498	169	46317	3.500	ng	# 1
71) Phenanthrene	11.369	178	3947344	178.744	ng	98
72) Anthracene	11.410	178	1502710	66.617	ng	98
73) Carbazole	11.557	167	56588	2.810	ng	94
75) Fluoranthene	12.545	202	1826219	78.287	ng	96
78) Pyrene	12.780	202	2651146	124.505	ng	96
81) Benzo(a)anthracene	14.004	228	777755	44.201	ng	96
83) Chrysene	14.004	228	777755	45.369	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	279323	16.422	ng	# 96
88) Benzo(b)fluoranthene	15.015	252	850579	48.224	ng	# 95
89) Benzo(k)fluoranthene	15.015	252	850579	48.410	ng	# 96
90) Benzo(a)pyrene	15.386	252	810645	49.293	ng	# 96
91) Dibenzo(a,h)anthracene	16.945	278	73070	5.316	ng	# 93
92) Benzo(g,h,i)perylene	17.392	276	309079	22.043	ng	# 93

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QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

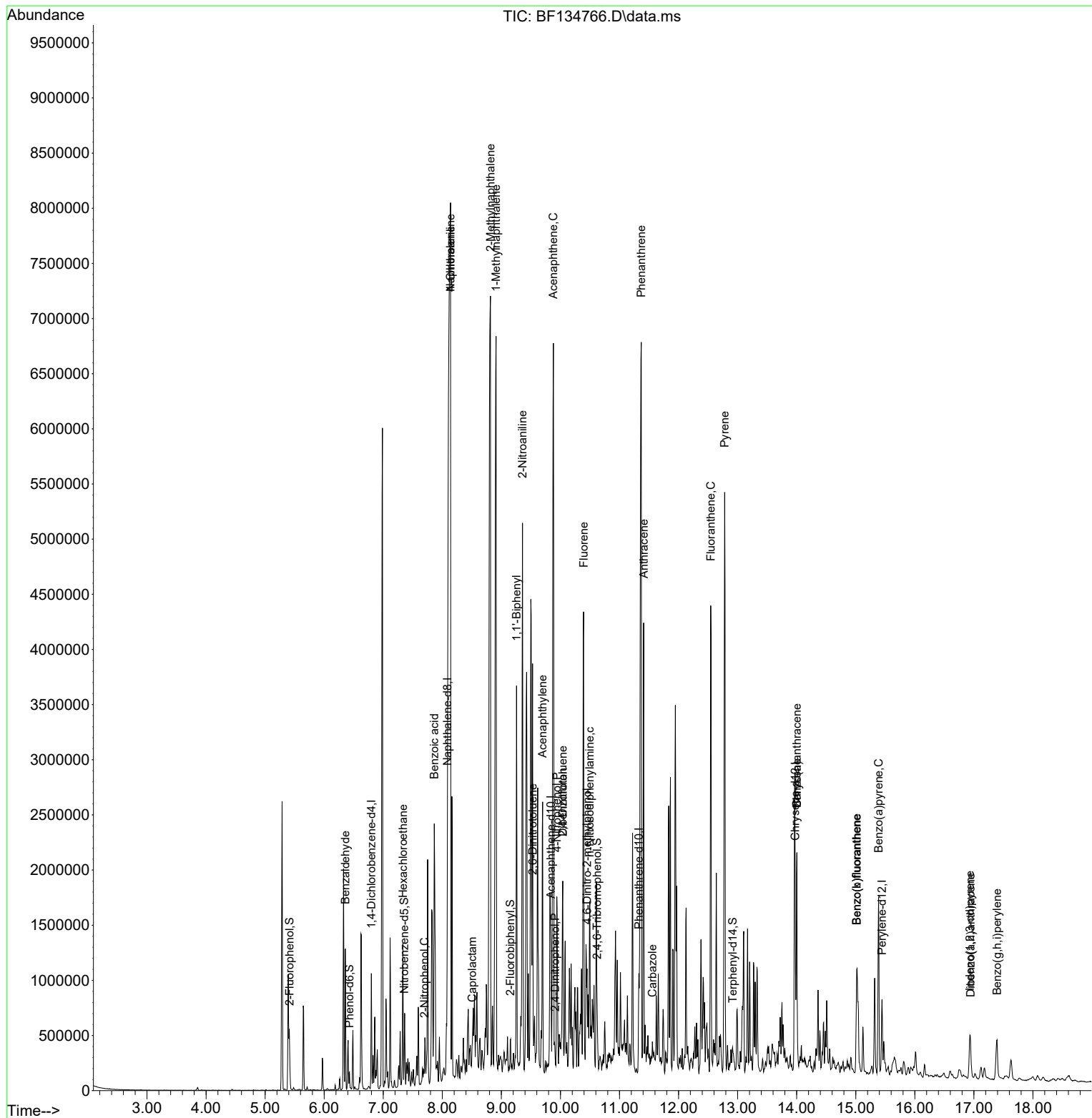
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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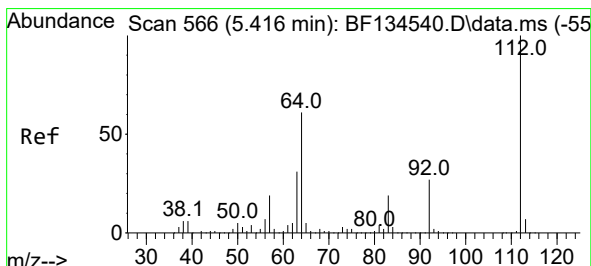
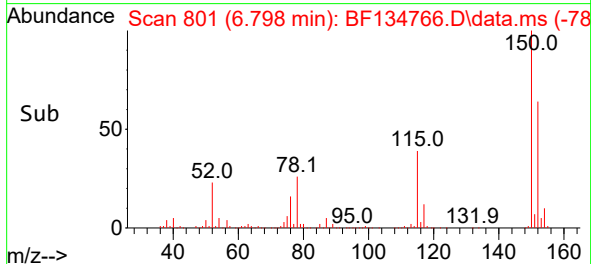
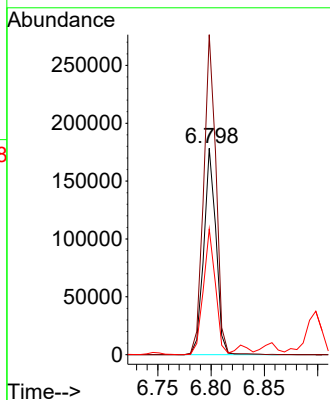
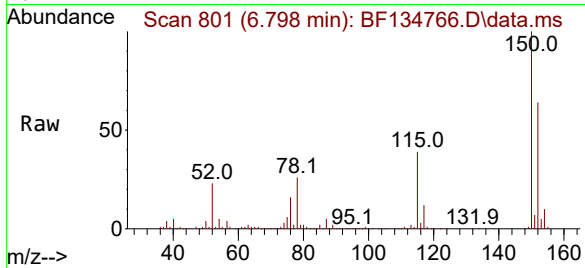




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

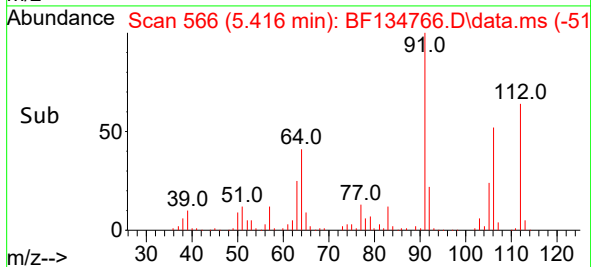
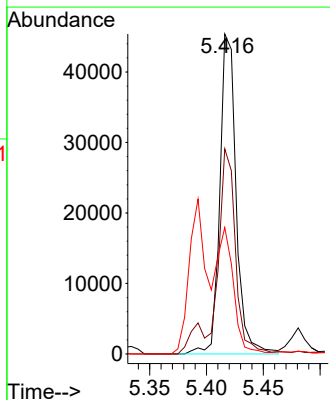
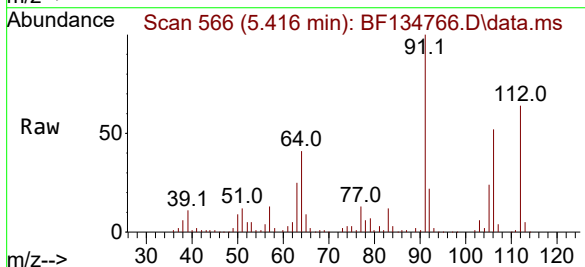
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

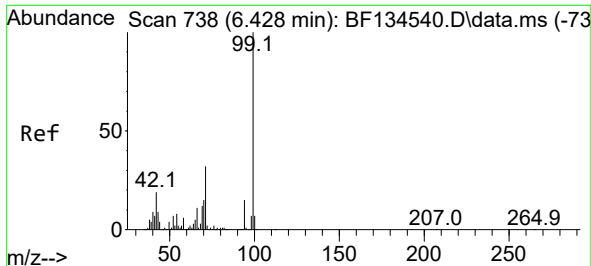
Tgt Ion:152 Resp: 142181
Ion Ratio Lower Upper
152 100
150 155.0 128.3 192.5
115 60.9 52.4 78.6



#5
2-Fluorophenol
Concen: 4.884 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

Tgt Ion:112 Resp: 45683
Ion Ratio Lower Upper
112 100
64 64.1 44.9 67.3
63 39.5 25.4 38.0#





#7

Phenol-d6

Concen: 4.707 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12

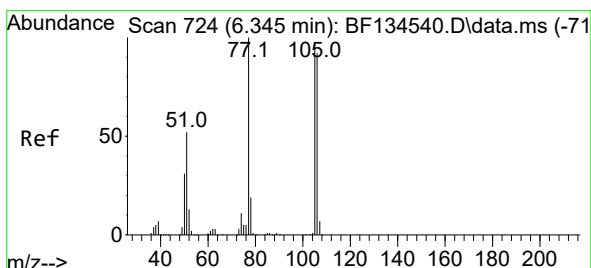
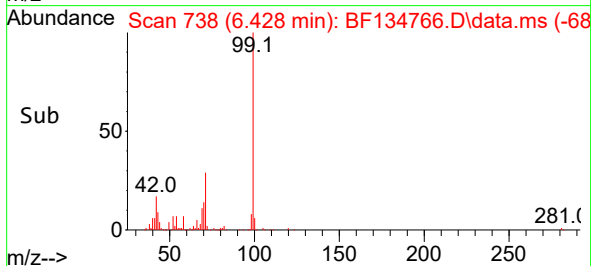
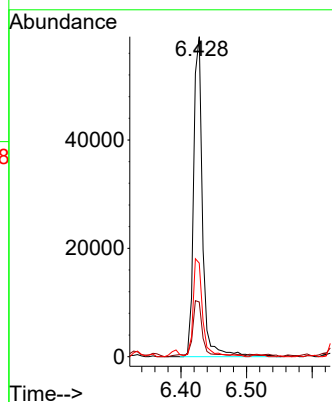
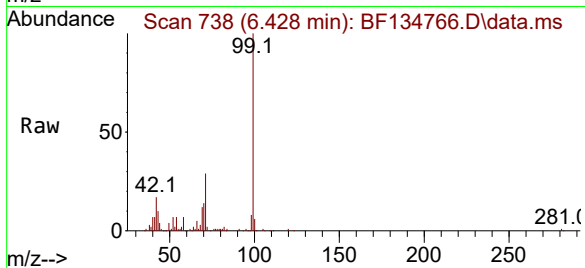
Tgt Ion: 99 Resp: 56278

Ion Ratio Lower Upper

99 100

42 17.1 18.7 28.1#

71 29.3 36.4 54.6#



#9

Benzaldehyde

Concen: 5.174 ng

RT: 6.357 min Scan# 726

Delta R.T. -0.000 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

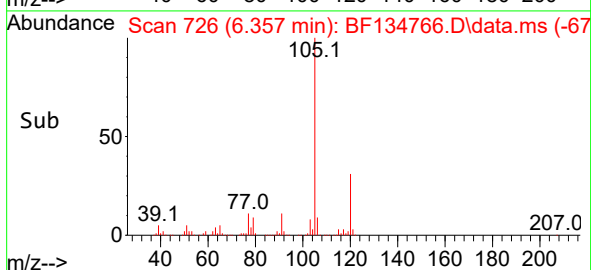
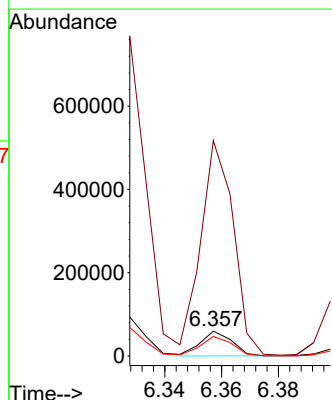
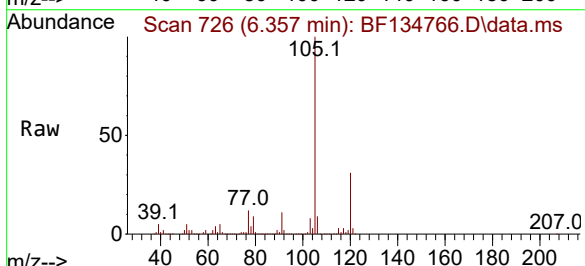
Tgt Ion: 77 Resp: 45657

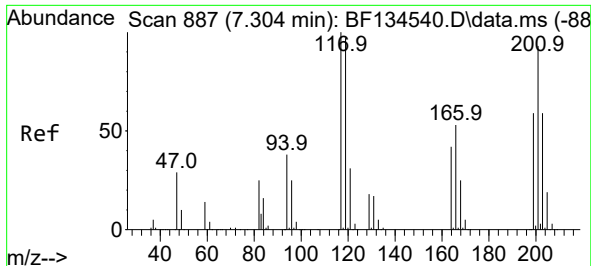
Ion Ratio Lower Upper

77 100

105 868.4 77.1 117.1#

106 78.5 71.4 111.4

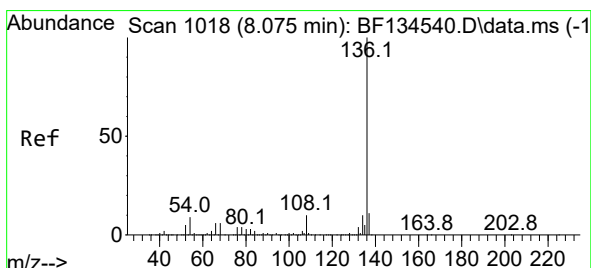
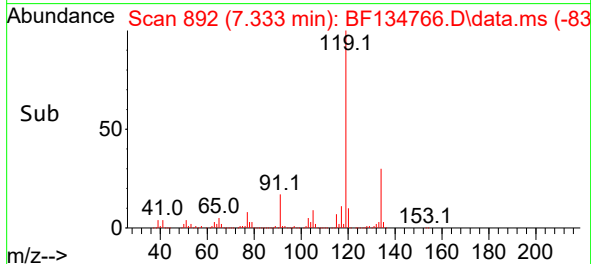
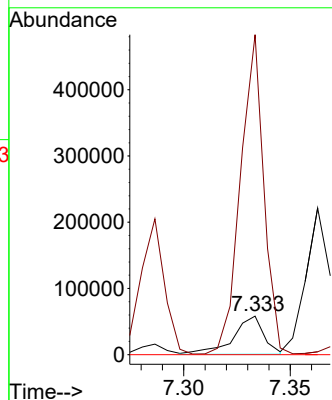
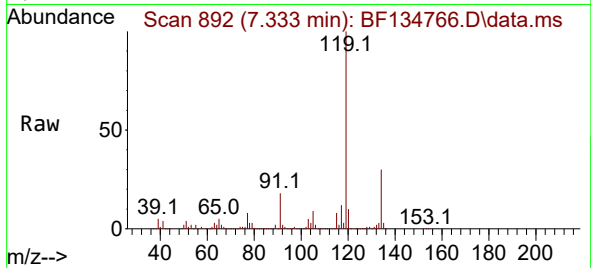




#18
Hexachloroethane
Concen: 16.715 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.023 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

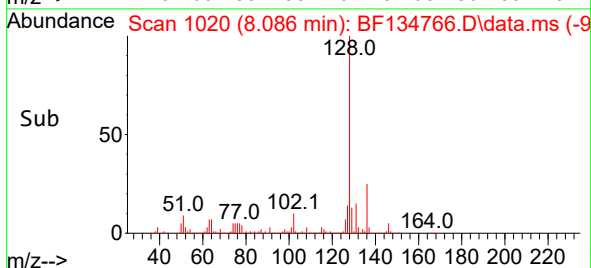
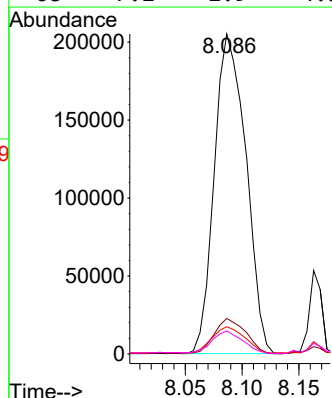
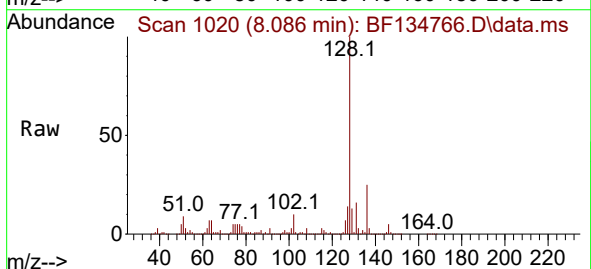
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

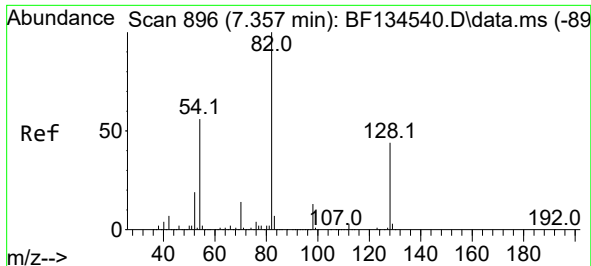
Tgt Ion:117 Resp: 57397
Ion Ratio Lower Upper
117 100
119 830.9 75.8 113.8#
201 0.0 73.6 110.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

Tgt Ion:136 Resp: 396697
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.5 5.2 7.8#
68 7.2 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 4.883 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12

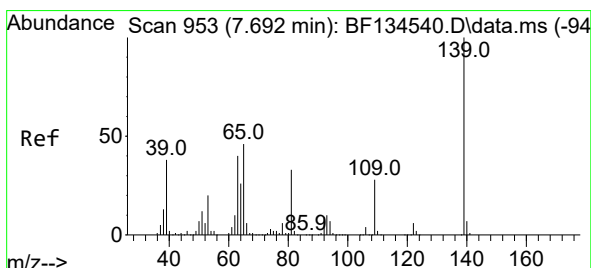
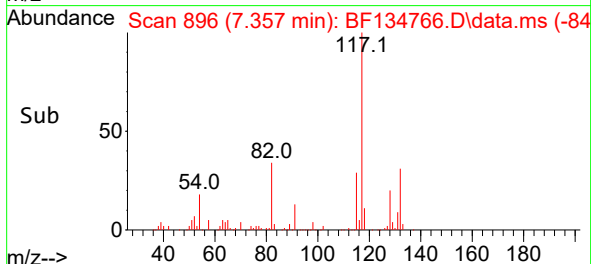
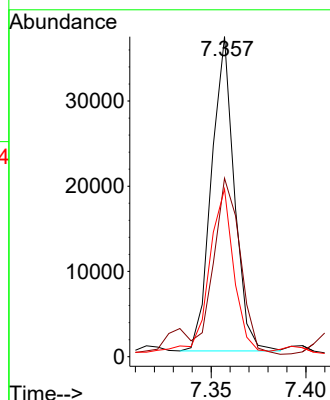
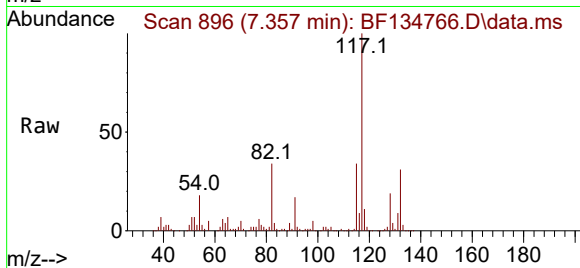
Tgt Ion: 82 Resp: 30996

Ion Ratio Lower Upper

82 100

128 55.8 34.3 51.5#

54 52.4 43.8 65.6



#26

2-Nitrophenol

Concen: 4.978 ng

RT: 7.698 min Scan# 954

Delta R.T. -0.000 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

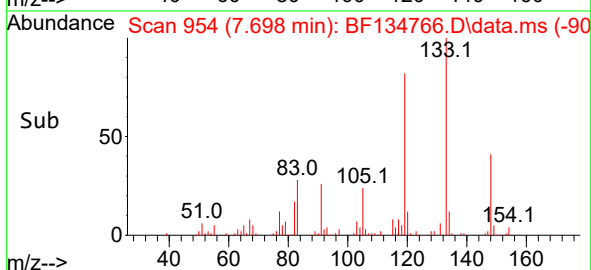
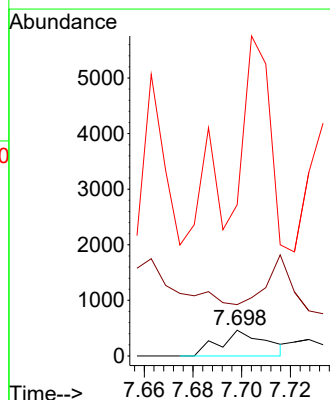
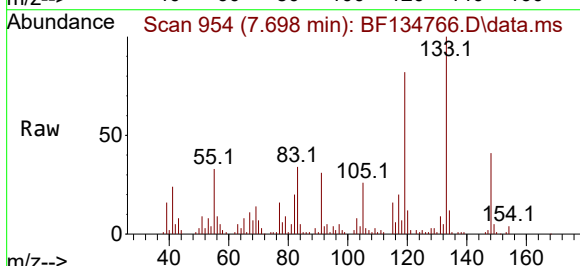
Tgt Ion: 139 Resp: 601

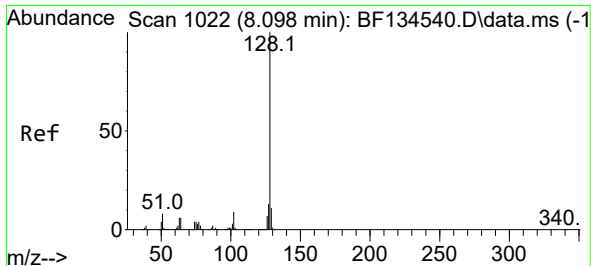
Ion Ratio Lower Upper

139 100

109 199.8 29.8 44.6#

65 588.7 45.4 68.2#

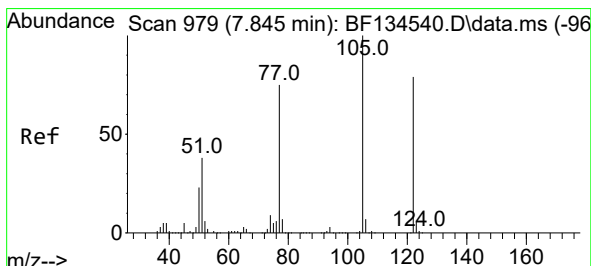
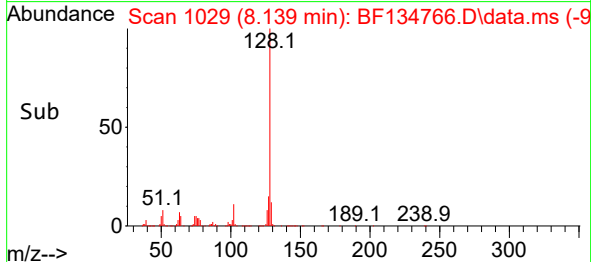
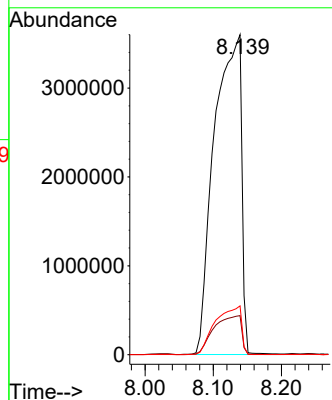
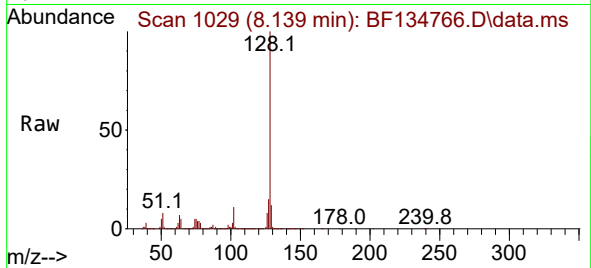




#31
Naphthalene
Concen: 499.840 ng
RT: 8.139 min Scan# 1022
Delta R.T. 0.035 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

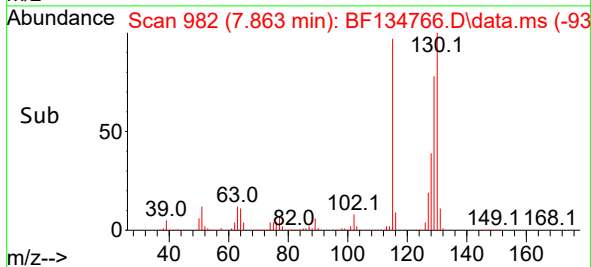
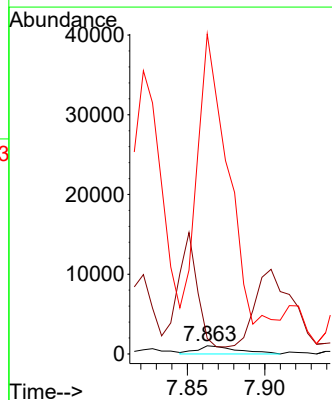
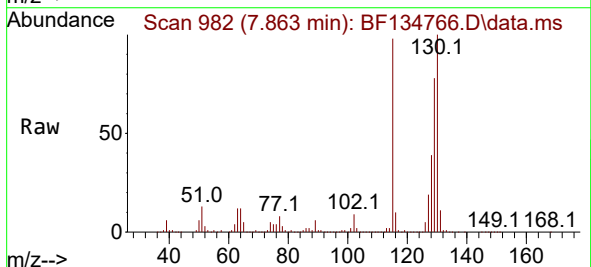
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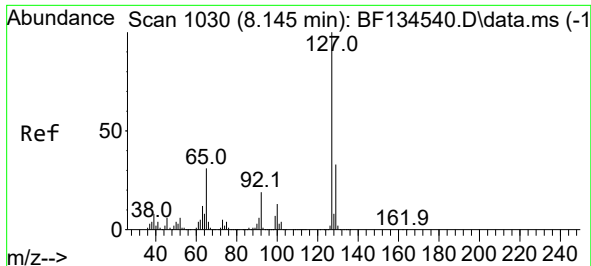
Tgt Ion:128 Resp: 9965431
Ion Ratio Lower Upper
128 100
129 12.2 8.4 12.6
127 15.3 10.7 16.1



#32
Benzoic acid
Concen: 8.248 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

Tgt Ion:122 Resp: 1836
Ion Ratio Lower Upper
122 100
105 192.6 87.5 127.5#
77 3950.4 71.4 111.4#



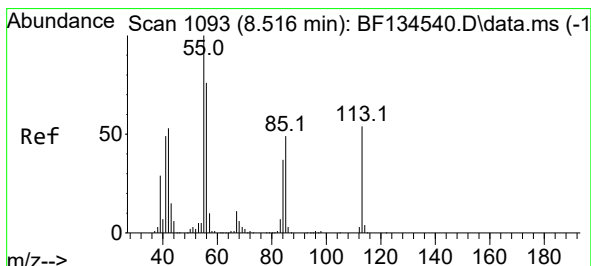
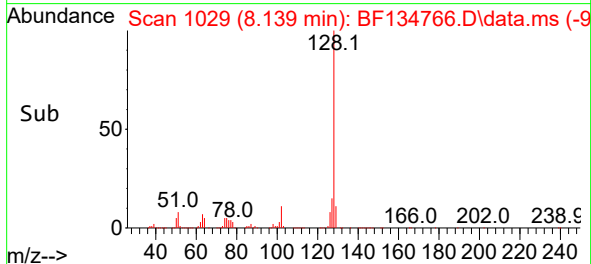
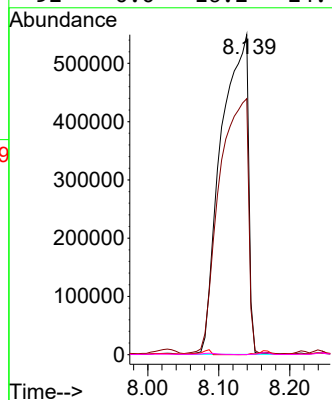
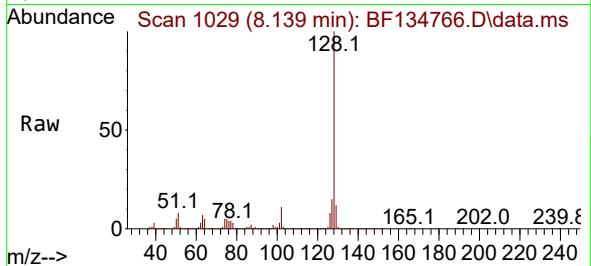


#33
4-Chloroaniline
Concen: 163.681 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

Tgt Ion:127 Resp: 1454052

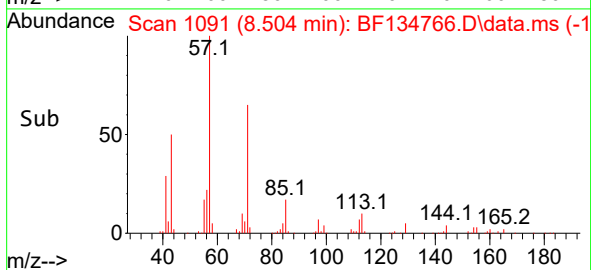
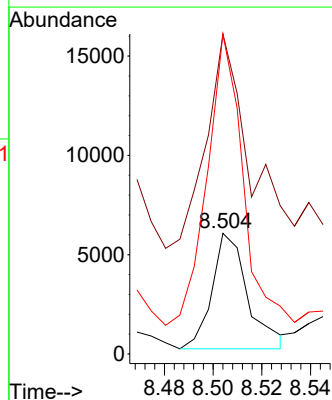
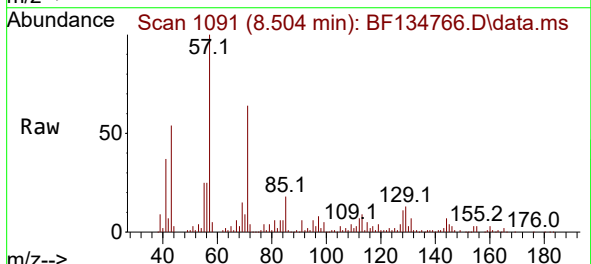
Ion	Ratio	Lower	Upper
127	100		
129	80.0	25.6	38.4#
65	0.0	25.4	38.0#
92	0.0	16.2	24.4#

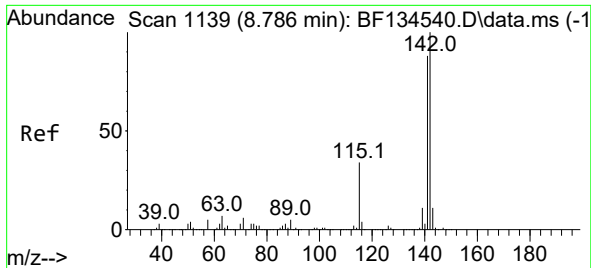


#35
Caprolactam
Concen: 3.291 ng
RT: 8.504 min Scan# 1091
Delta R.T. -0.029 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

Tgt Ion:113 Resp: 5954

Ion	Ratio	Lower	Upper
113	100		
55	265.2	161.5	201.5#
56	265.0	117.8	157.8#

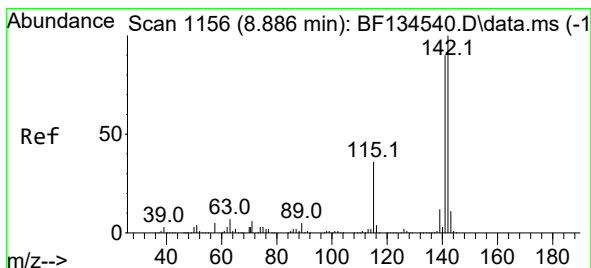
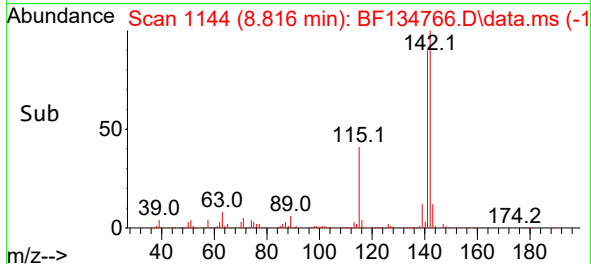
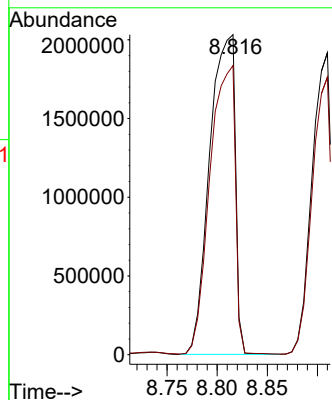
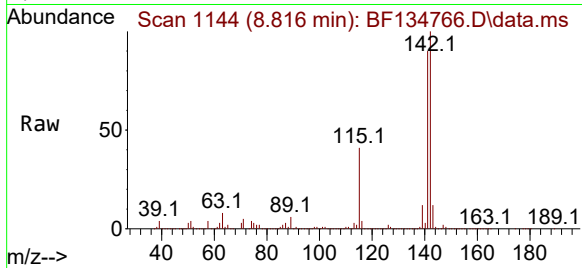




#37
2-Methylnaphthalene
Concen: 272.290 ng
RT: 8.816 min Scan# 1114
Delta R.T. 0.023 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

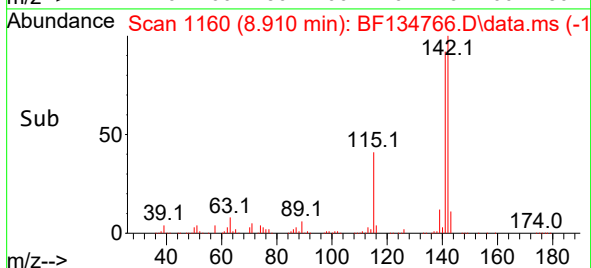
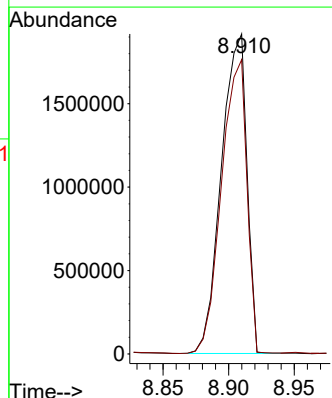
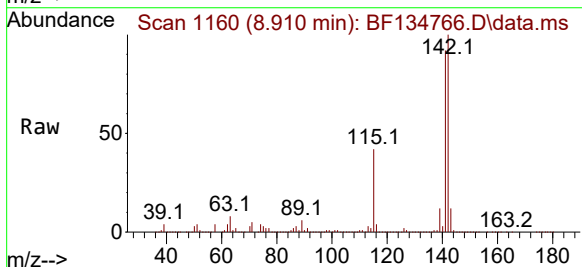
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

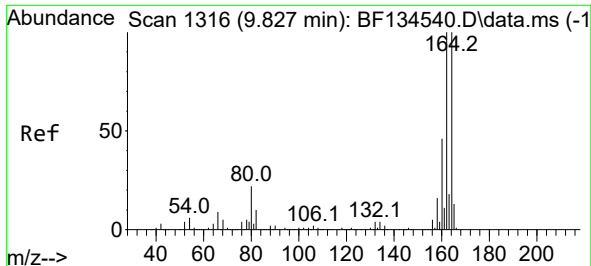
Tgt Ion:142 Resp: 3598363
Ion Ratio Lower Upper
142 100
141 90.3 70.8 106.2



#38
1-Methylnaphthalene
Concen: 210.105 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.018 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

Tgt Ion:142 Resp: 2581911
Ion Ratio Lower Upper
142 100
141 92.0 71.4 107.2

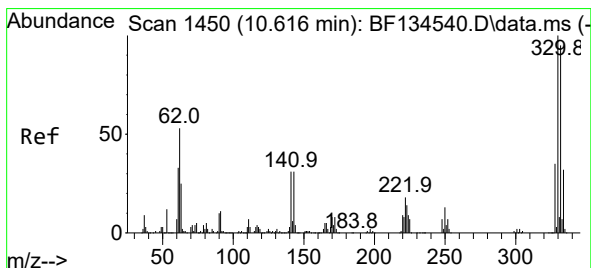
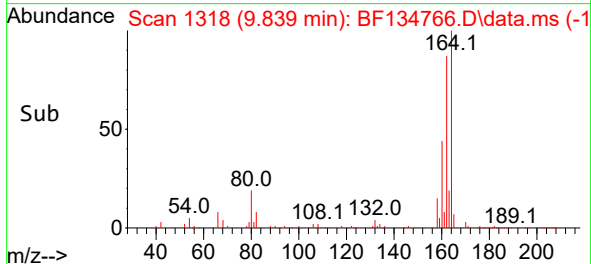
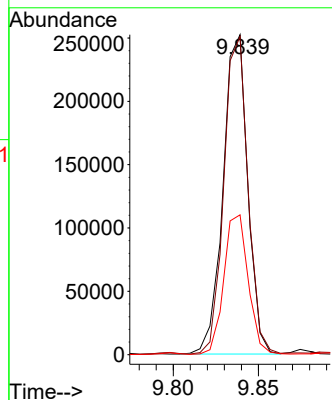
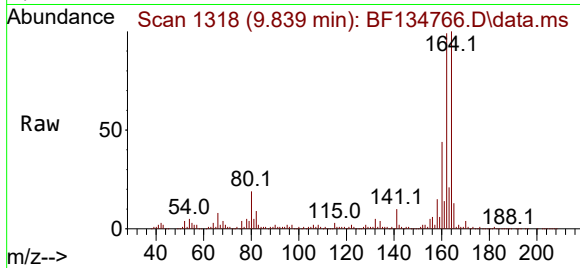




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

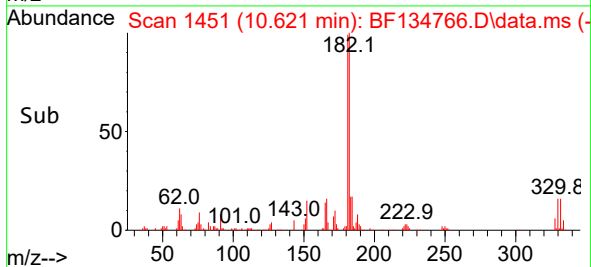
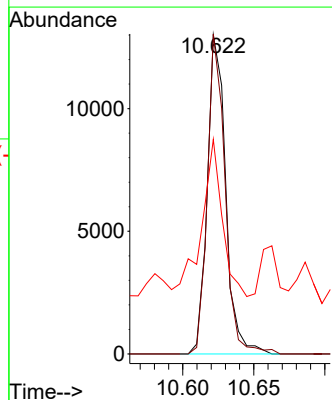
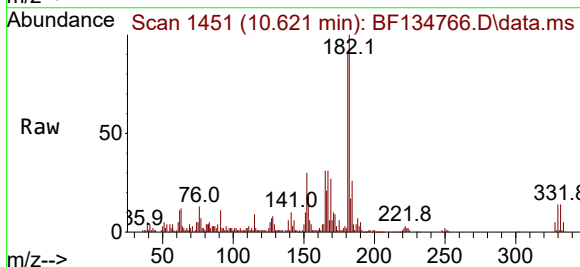
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

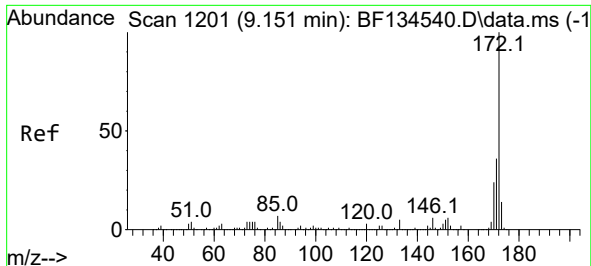
Tgt Ion:164 Resp: 254035
Ion Ratio Lower Upper
164 100
162 99.4 82.6 123.8
160 43.7 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 4.519 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

Tgt Ion:330 Resp: 11703
Ion Ratio Lower Upper
330 100
332 95.8 78.8 118.2
141 55.2 25.4 38.2#





#45

2-Fluorobiphenyl

Concen: 4.506 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12

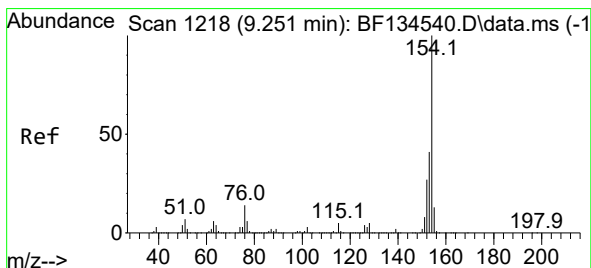
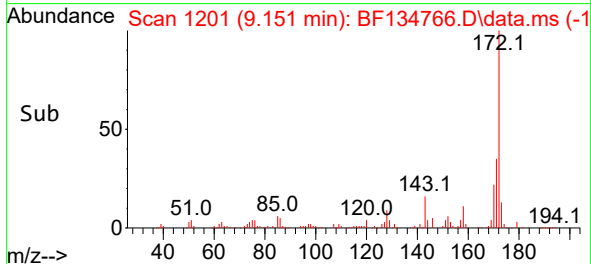
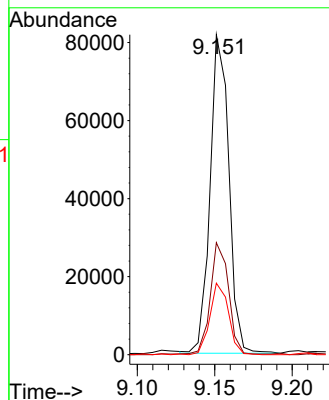
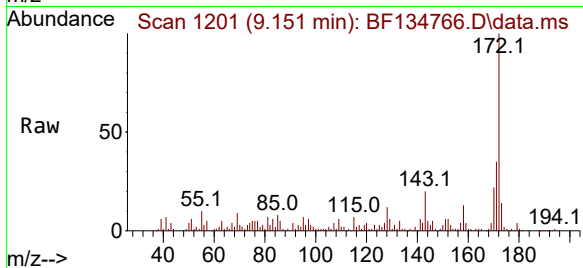
Tgt Ion:172 Resp: 68843

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 22.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 49.748 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

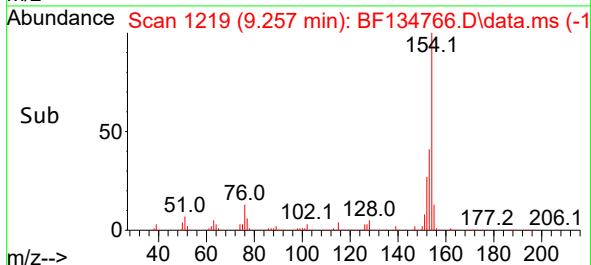
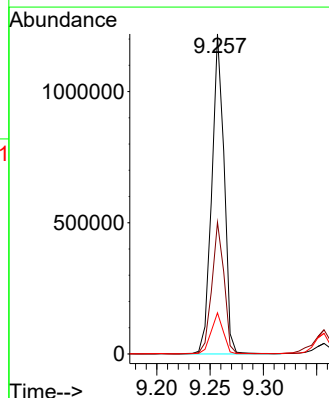
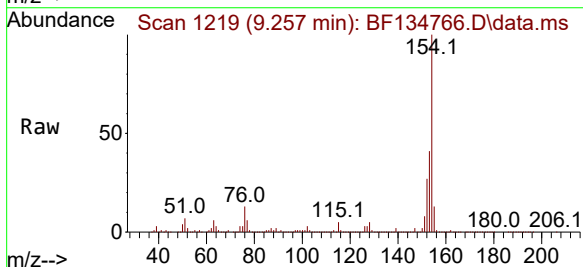
Tgt Ion:154 Resp: 982749

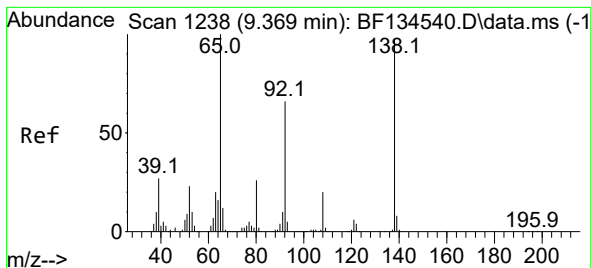
Ion Ratio Lower Upper

154 100

153 41.2 20.8 60.8

76 12.8 0.0 30.2





#48

2-Nitroaniline

Concen: 7.912 ng

RT: 9.357 min Scan# 1236

Delta R.T. -0.024 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12

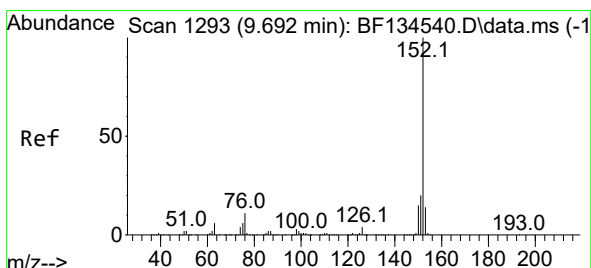
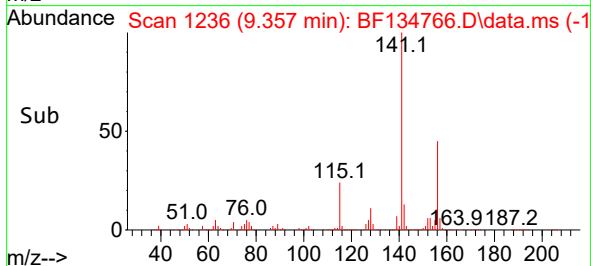
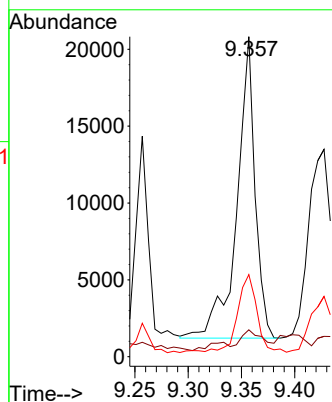
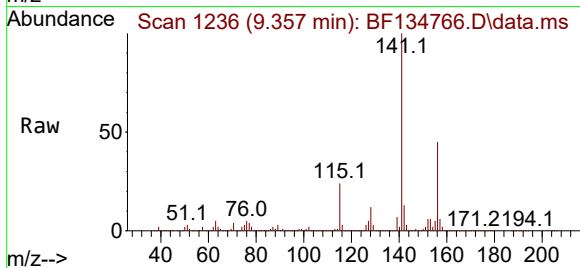
Tgt Ion: 65 Resp: 23446

Ion Ratio Lower Upper

65 100

92 8.4 50.7 76.1#

138 25.6 78.2 117.4#



#49

Acenaphthylene

Concen: 18.092 ng

RT: 9.698 min Scan# 1294

Delta R.T. -0.000 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

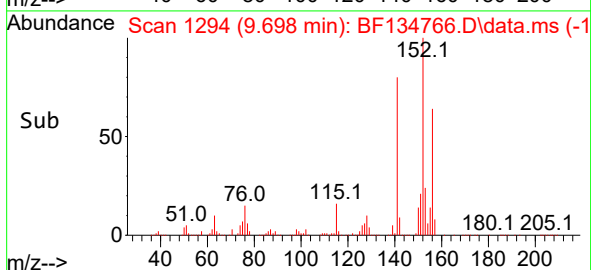
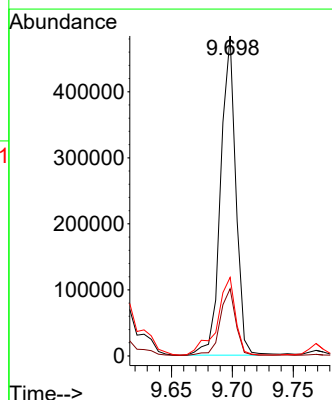
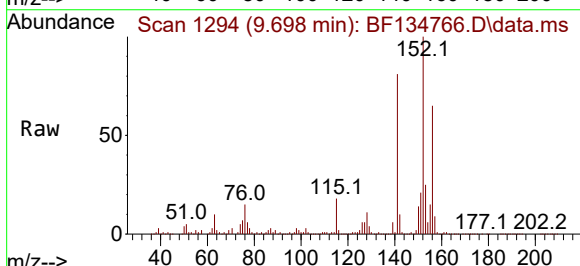
Tgt Ion: 152 Resp: 420943

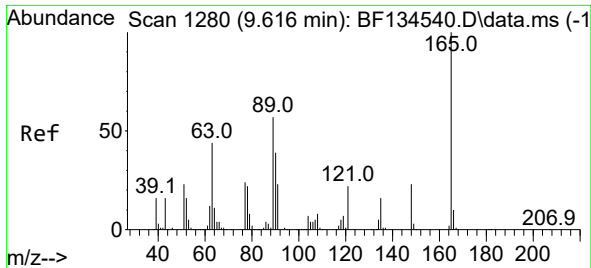
Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

153 24.6 10.9 16.3#





#51

2,6-Dinitrotoluene

Concen: 6.345 ng

RT: 9.533 min Scan# 1

Delta R.T. -0.094 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12

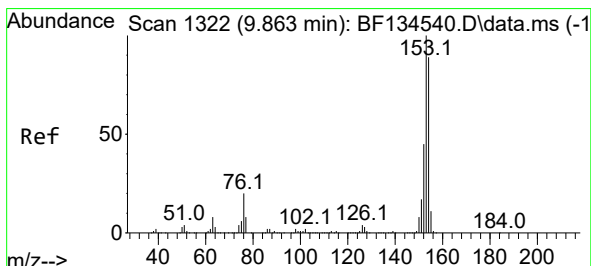
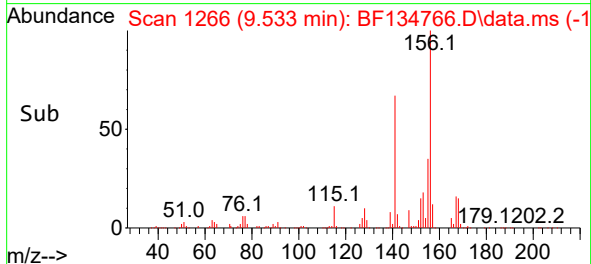
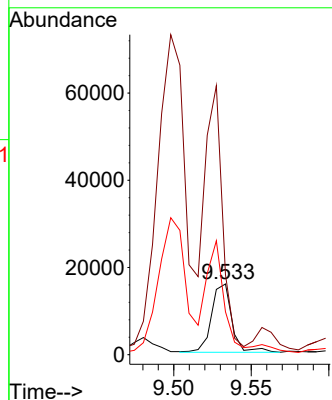
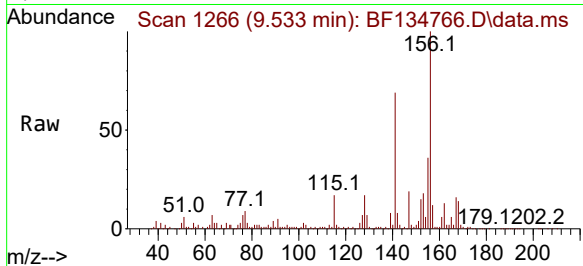
Tgt Ion:165 Resp: 14405

Ion Ratio Lower Upper

165 100

63 113.3 57.8 86.6#

89 60.6 51.8 77.8



#52

Acenaphthene

Concen: 133.440 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

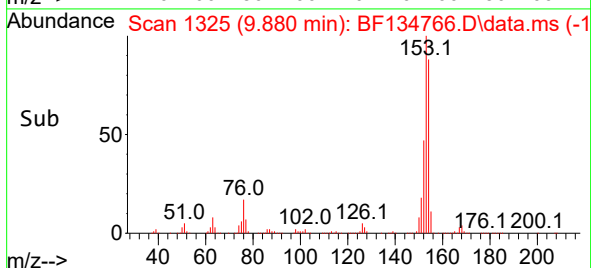
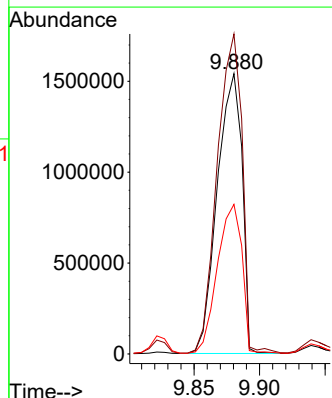
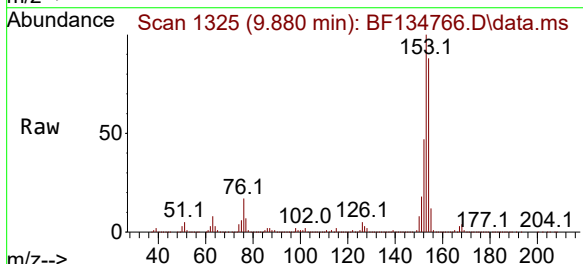
Tgt Ion:154 Resp: 2012045

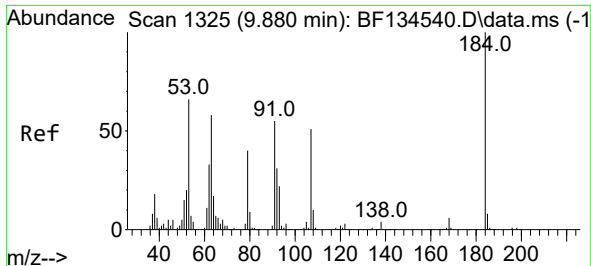
Ion Ratio Lower Upper

154 100

153 114.2 90.0 135.0

152 53.4 42.4 63.6

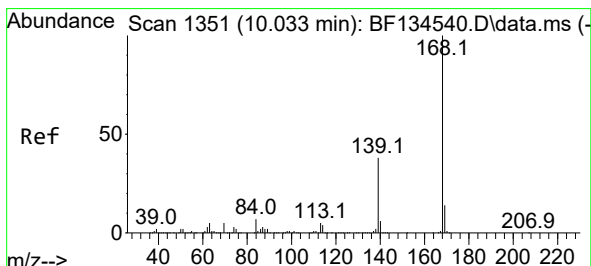
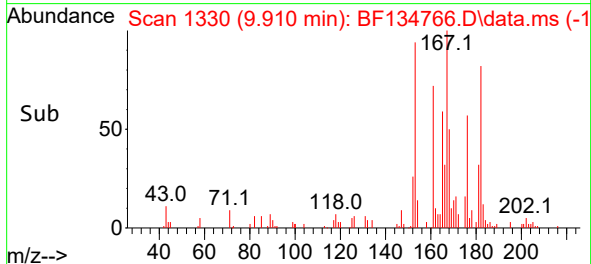
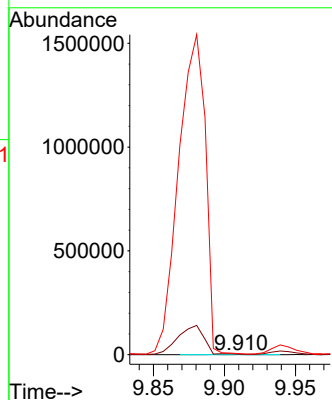
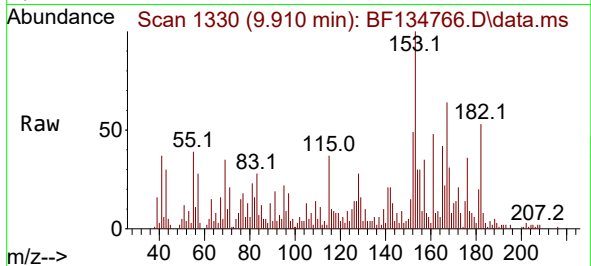




#54
2,4-Dinitrophenol
Concen: 8.288 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

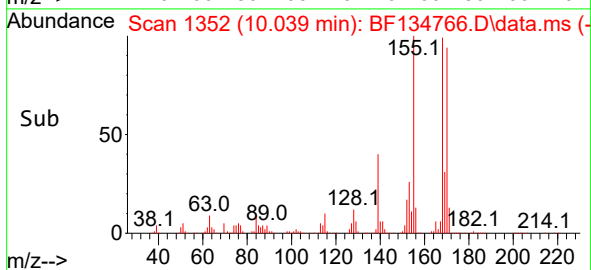
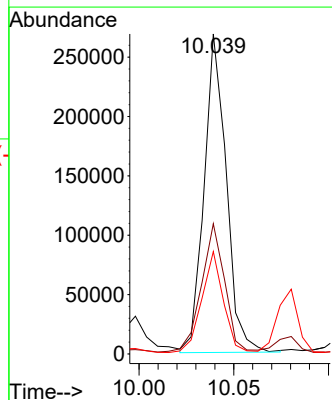
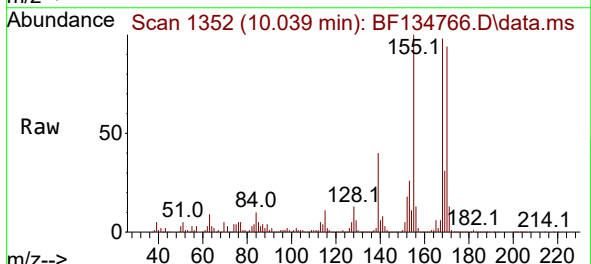
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

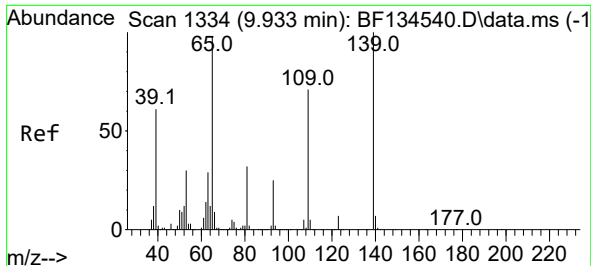
Tgt Ion:184 Resp: 1599
Ion Ratio Lower Upper
184 100
63 477.8 57.1 85.7#
154 918.6 59.1 88.7#



#55
Dibenzofuran
Concen: 10.163 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

Tgt Ion:168 Resp: 218142
Ion Ratio Lower Upper
168 100
139 40.7 33.4 50.2
169 32.0 10.6 15.8#

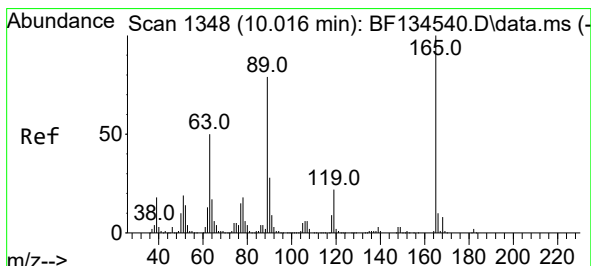
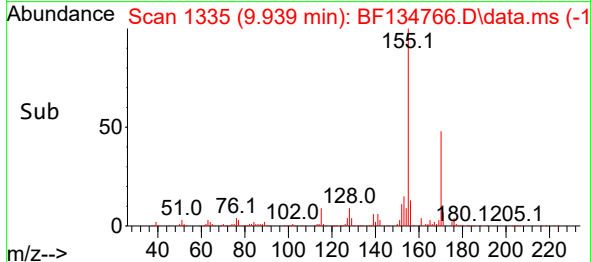
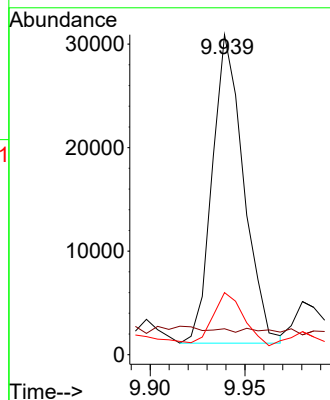
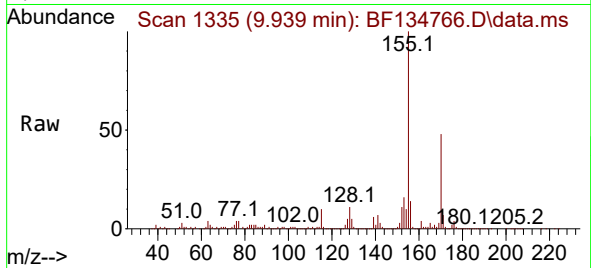




#56
4-Nitrophenol
Concen: 10.873 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

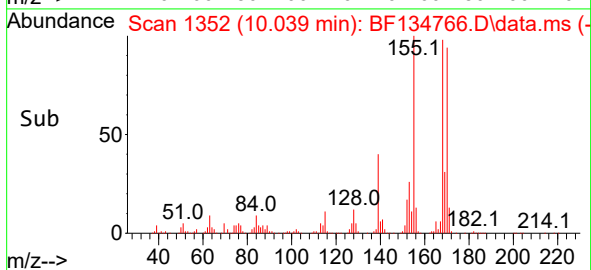
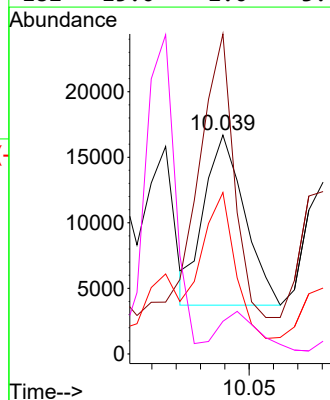
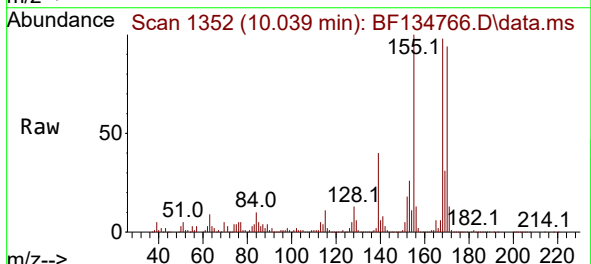
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

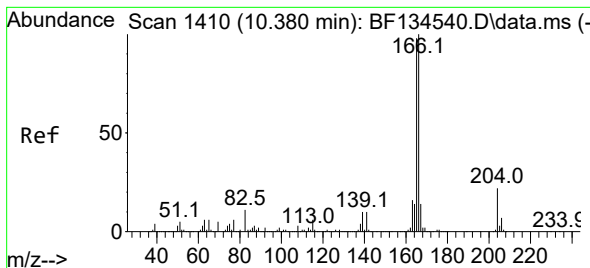
Tgt Ion:139 Resp: 34318
Ion Ratio Lower Upper
139 100
109 8.1 76.9 116.9#
65 19.4 98.5 138.5#



#57
2,4-Dinitrotoluene
Concen: 6.142 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.012 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

Tgt Ion:165 Resp: 14991
Ion Ratio Lower Upper
165 100
63 146.2 48.9 73.3#
89 73.8 61.7 92.5
182 15.0 2.0 3.0#





#58

Fluorene

Concen: 81.793 ng

RT: 10.392 min Scan# 1410

Delta R.T. 0.006 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12

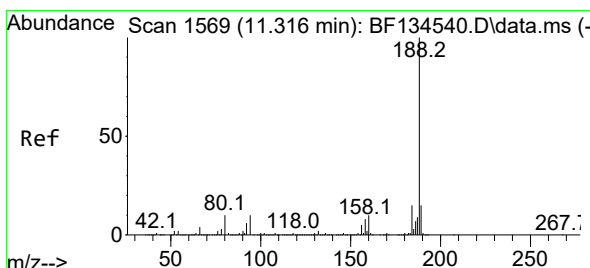
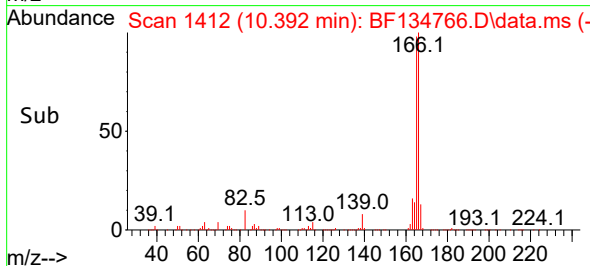
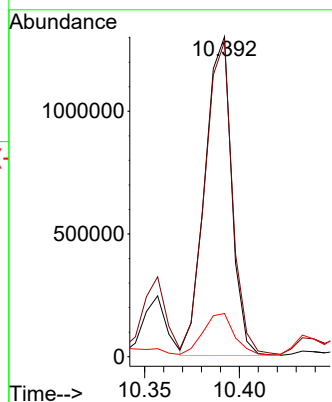
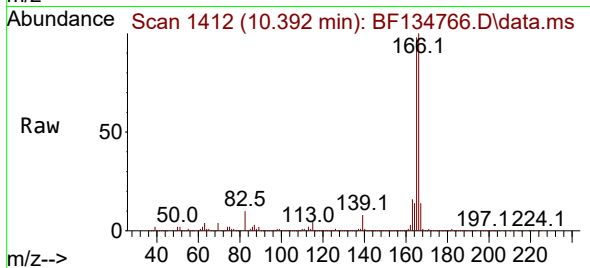
Tgt Ion:166 Resp: 1278797

Ion Ratio Lower Upper

166 100

165 98.5 74.5 111.7

167 13.5 10.6 16.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.006 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

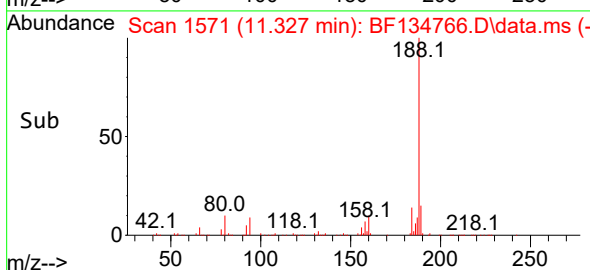
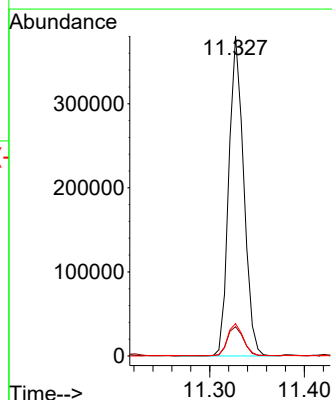
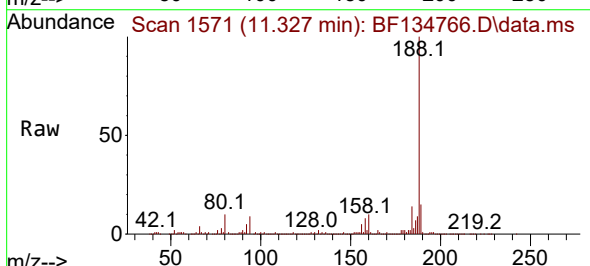
Tgt Ion:188 Resp: 415765

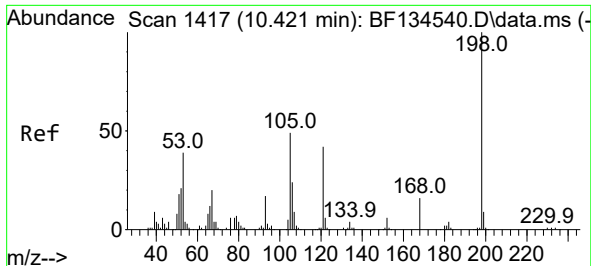
Ion Ratio Lower Upper

188 100

94 9.2 5.1 7.7#

80 10.1 6.6 9.8#

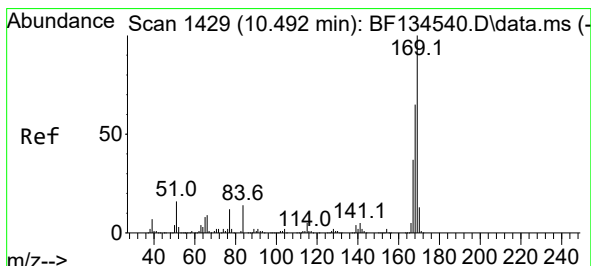
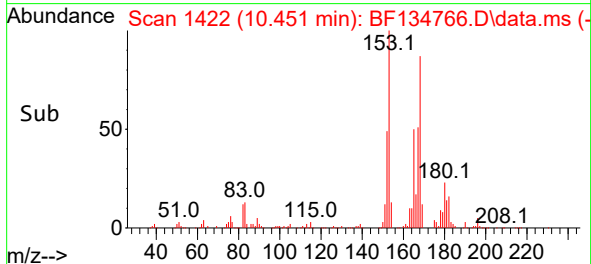
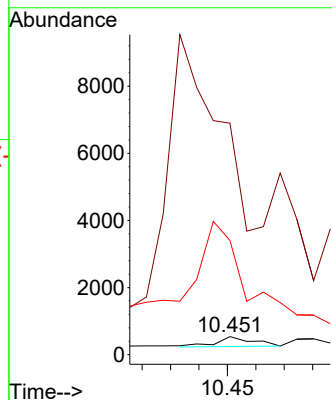
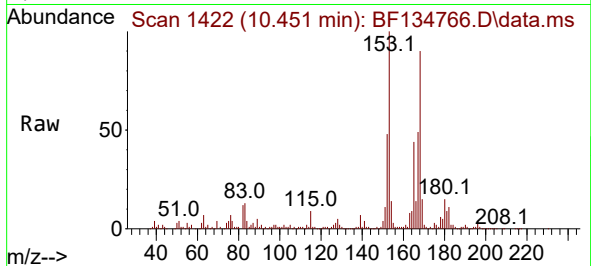




#65
4,6-Dinitro-2-methylphenol
Concen: 8.829 ng
RT: 10.451 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

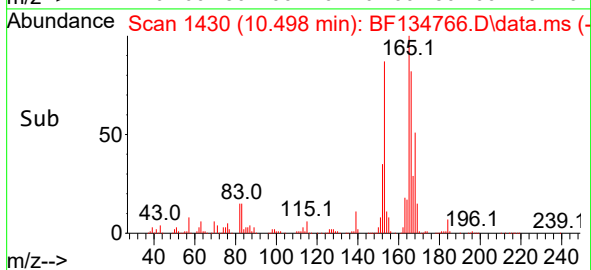
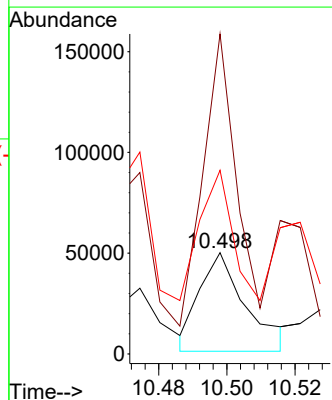
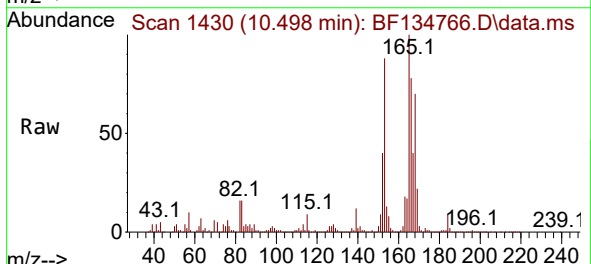
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

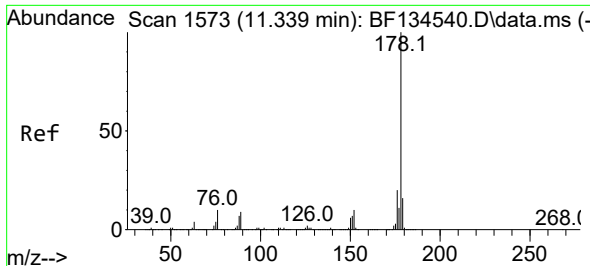
Tgt Ion:198 Resp: 267
Ion Ratio Lower Upper
198 100
51 1278.0 38.6 78.6#
105 630.0 27.9 67.9#



#66
n-Nitrosodiphenylamine
Concen: 3.500 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

Tgt Ion:169 Resp: 46317
Ion Ratio Lower Upper
169 100
168 316.1 52.6 78.8#
167 181.4 29.8 44.8#

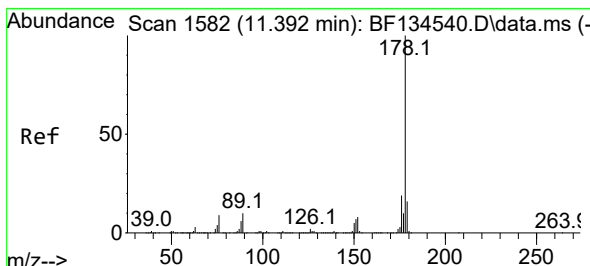
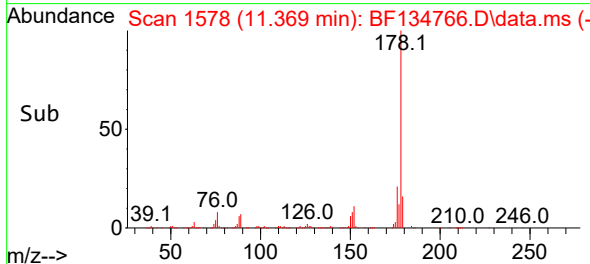
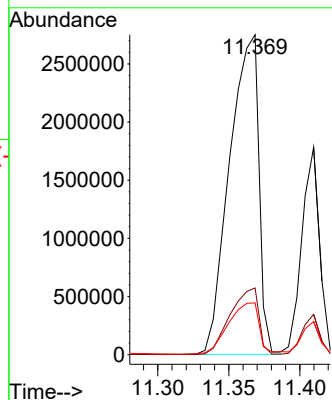
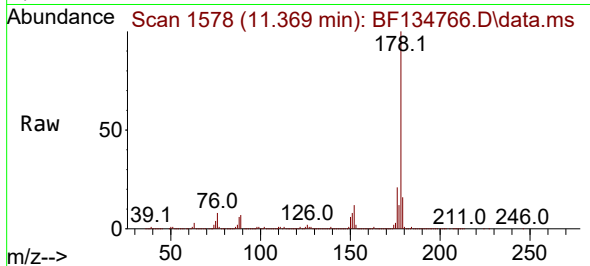




#71
Phenanthrene
Concen: 178.744 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.018 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

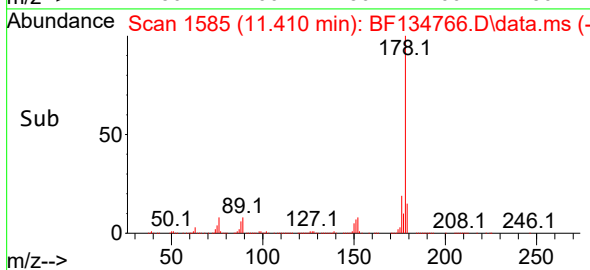
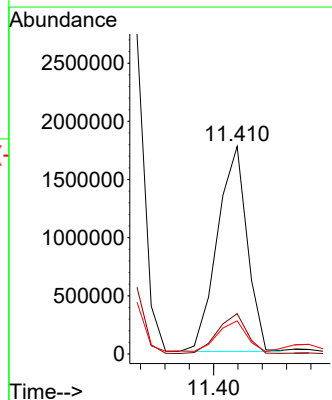
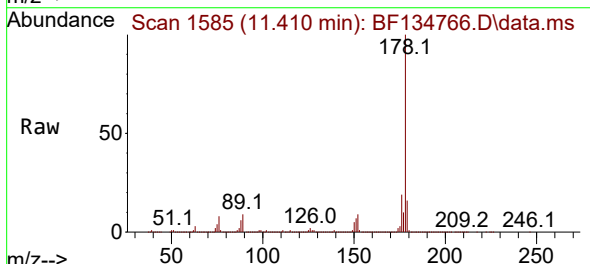
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

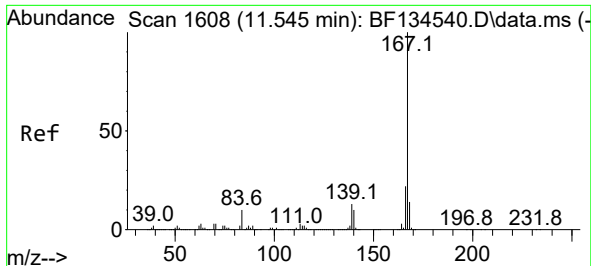
Tgt Ion:178 Resp: 3947344
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.6
179 16.2 12.7 19.1



#72
Anthracene
Concen: 66.617 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

Tgt Ion:178 Resp: 1502710
Ion Ratio Lower Upper
178 100
176 19.4 14.6 21.8
179 15.9 12.3 18.5

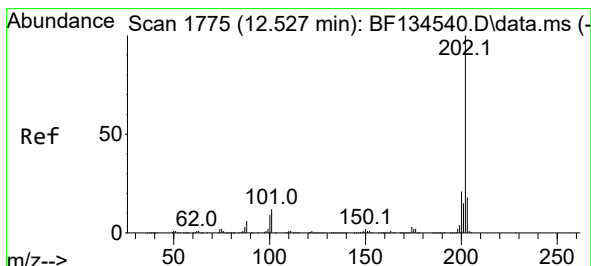
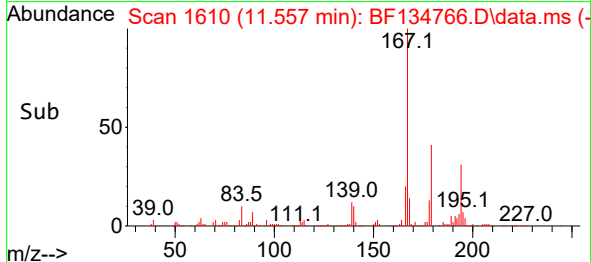
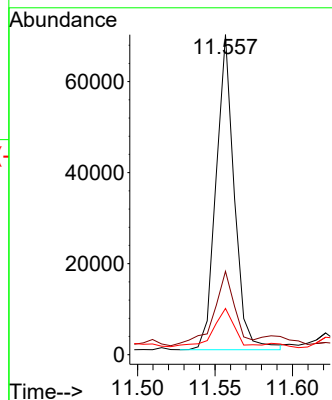
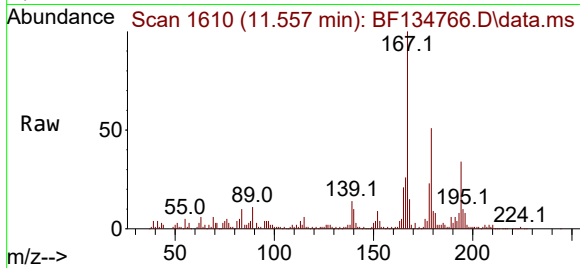




#73
 Carbazole
 Concen: 2.810 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF134766.D
 Acq: 14 Aug 2023 18:46

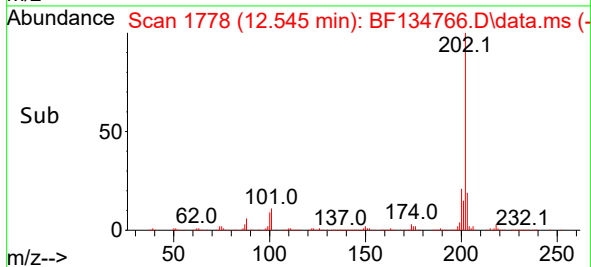
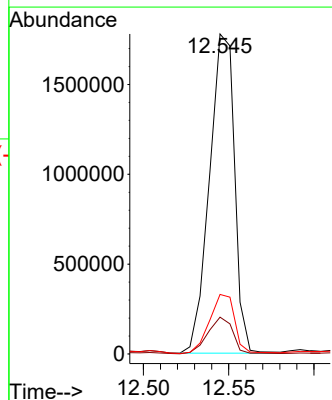
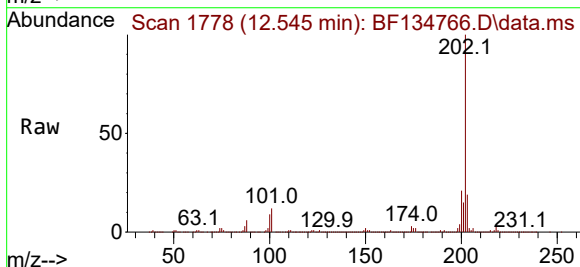
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB03-Z10-12

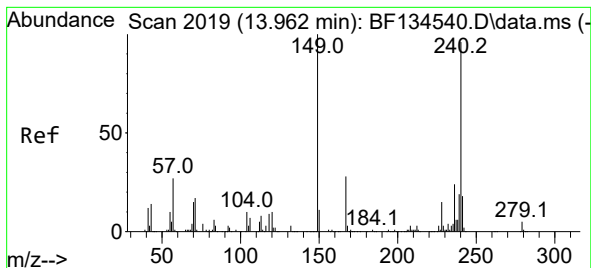
Tgt Ion:167 Resp: 56588
 Ion Ratio Lower Upper
 167 100
 166 26.0 17.5 26.3
 139 14.4 11.0 16.4



#75
 Fluoranthene
 Concen: 78.287 ng
 RT: 12.545 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: BF134766.D
 Acq: 14 Aug 2023 18:46

Tgt Ion:202 Resp: 1826219
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 28.5
 203 18.6 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12

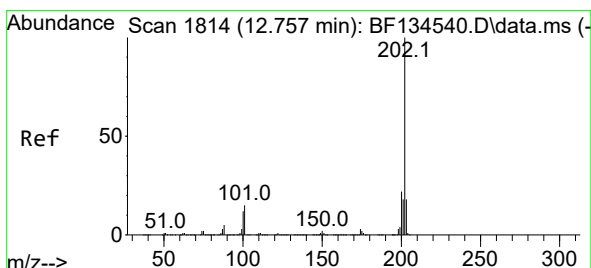
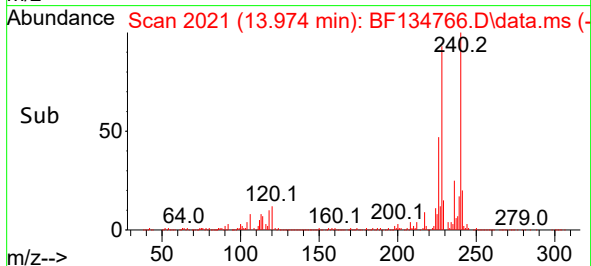
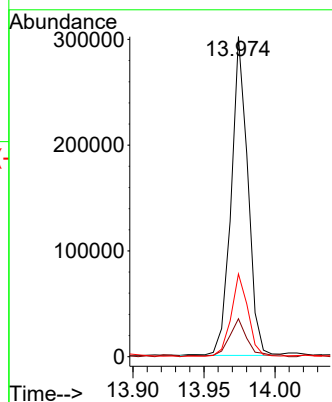
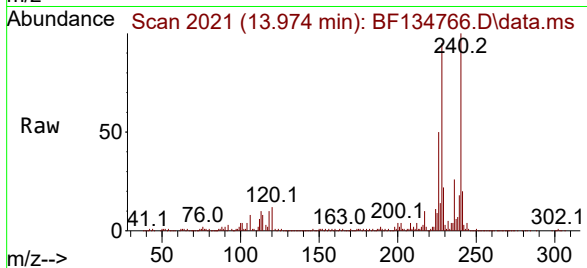
Tgt Ion:240 Resp: 246079

Ion Ratio Lower Upper

240 100

120 11.8 6.6 10.0#

236 25.9 20.2 30.2



#78

Pyrene

Concen: 124.505 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.012 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

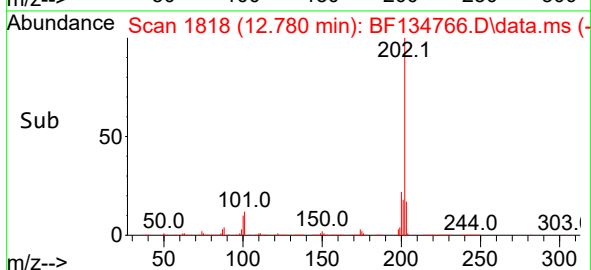
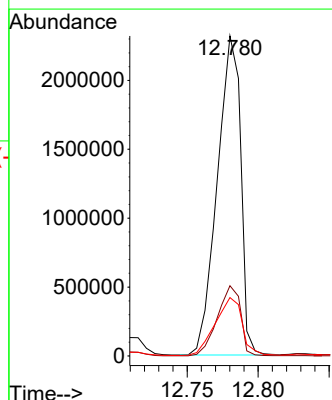
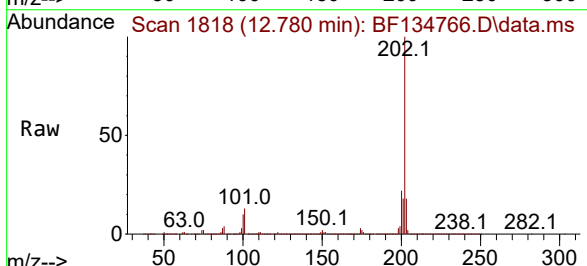
Tgt Ion:202 Resp: 2651146

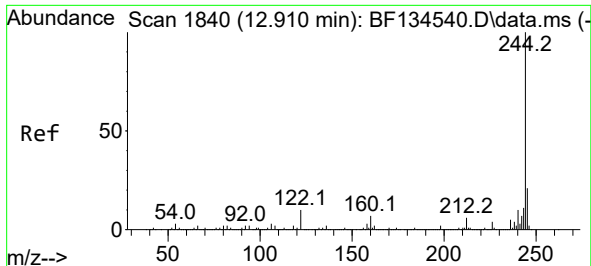
Ion Ratio Lower Upper

202 100

200 22.0 15.8 23.8

203 18.3 13.5 20.3

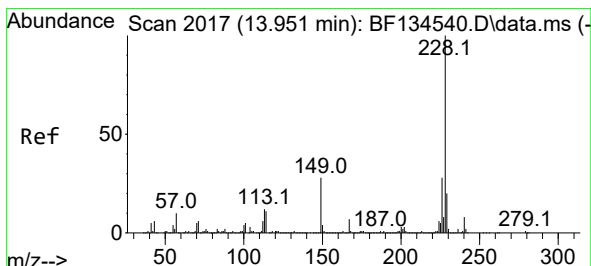
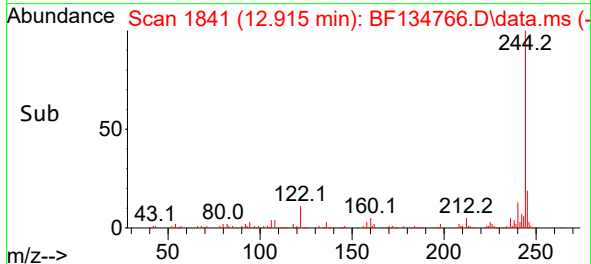
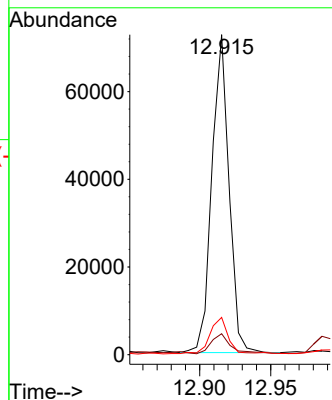
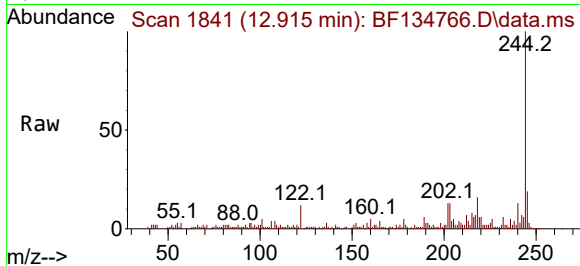




#79
 Terphenyl-d14
 Concen: 4.362 ng
 RT: 12.915 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF134766.D
 Acq: 14 Aug 2023 18:46

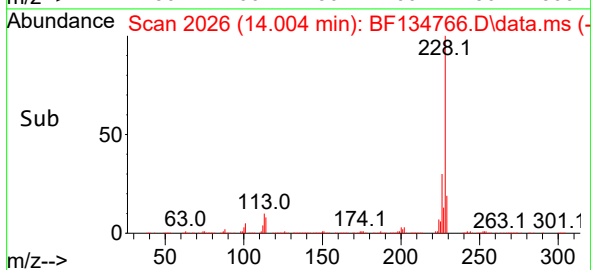
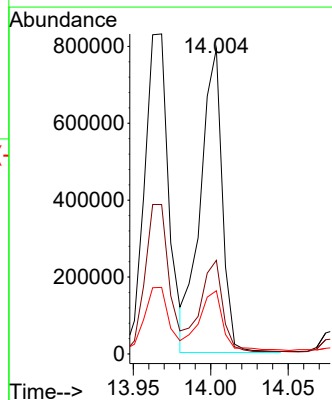
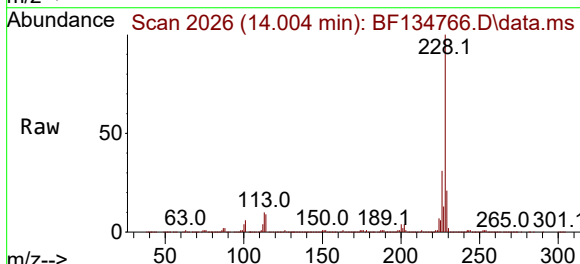
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB03-Z10-12

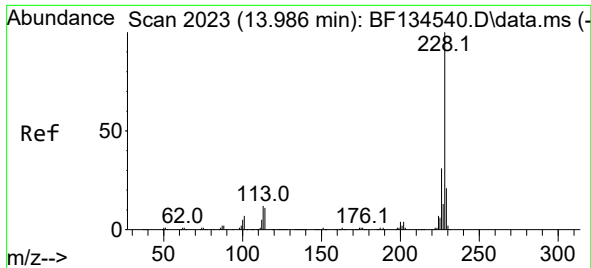
Tgt Ion:244 Resp: 60893
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 11.7 8.0 12.0



#81
 Benzo(a)anthracene
 Concen: 44.201 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. 0.041 min
 Lab File: BF134766.D
 Acq: 14 Aug 2023 18:46

Tgt Ion:228 Resp: 777755
 Ion Ratio Lower Upper
 228 100
 226 30.7 22.3 33.5
 229 20.7 15.8 23.6





#83

Chrysene

Concen: 45.369 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12

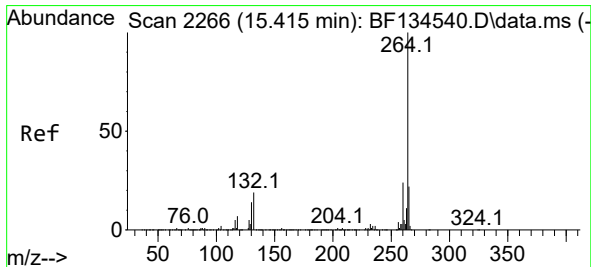
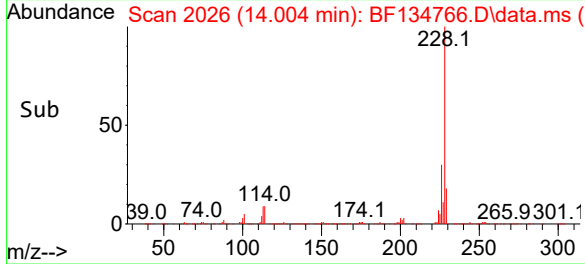
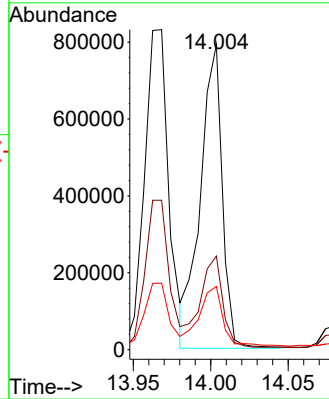
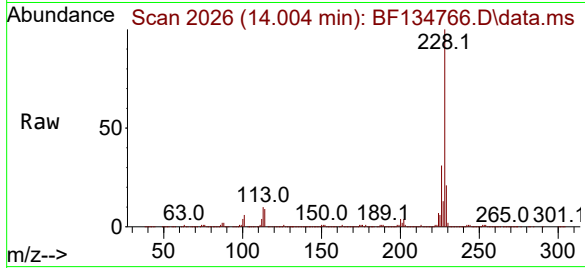
Tgt Ion:228 Resp: 777755

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 20.7 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

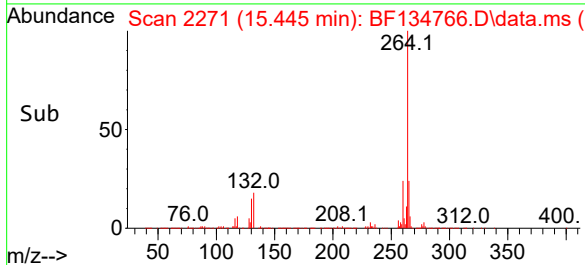
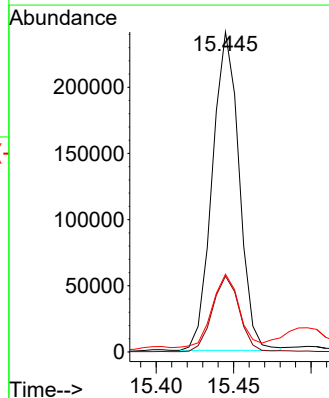
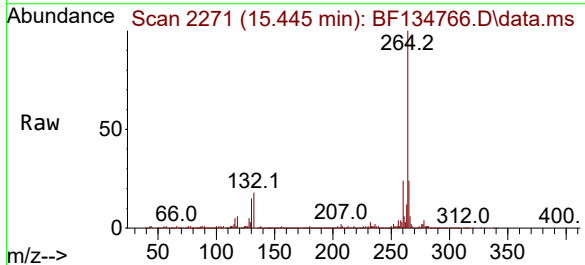
Tgt Ion:264 Resp: 289201

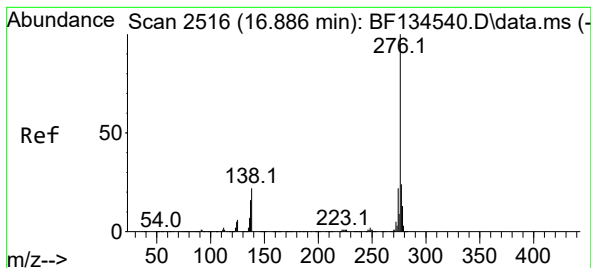
Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 24.3 15.8 23.8#





#87

Indeno(1,2,3-cd)pyrene

Concen: 16.422 ng

RT: 16.933 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12

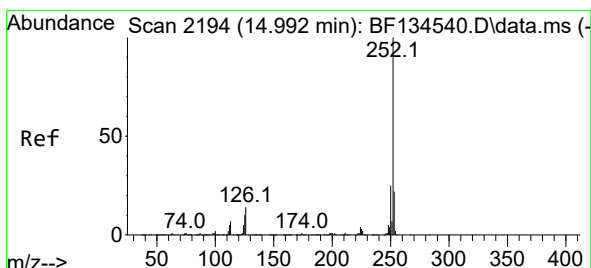
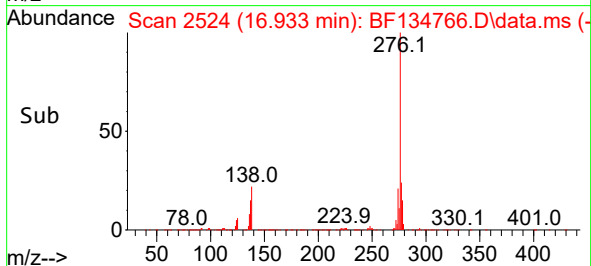
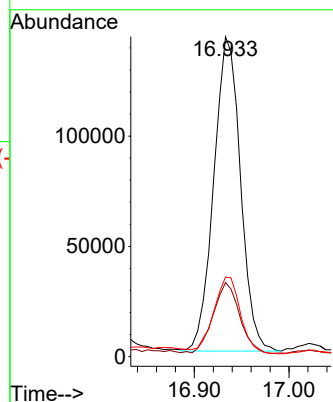
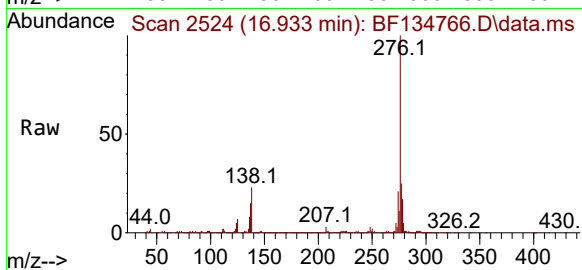
Tgt Ion:276 Resp: 279323

Ion Ratio Lower Upper

276 100

138 22.2 14.2 21.4#

277 24.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 48.224 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

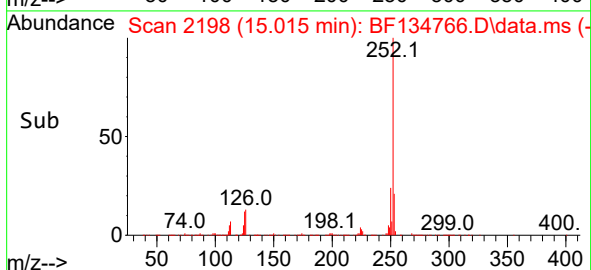
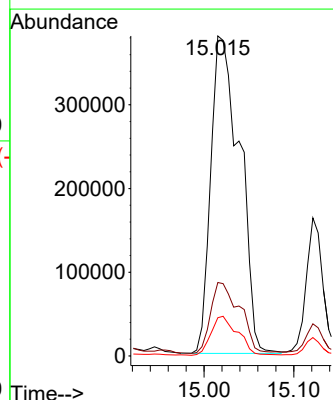
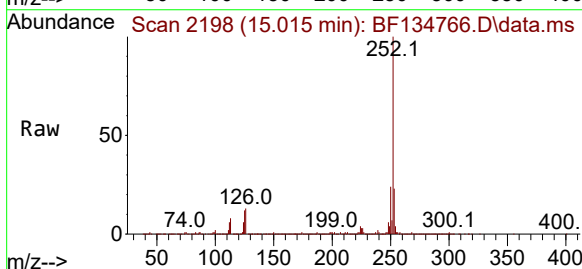
Tgt Ion:252 Resp: 850579

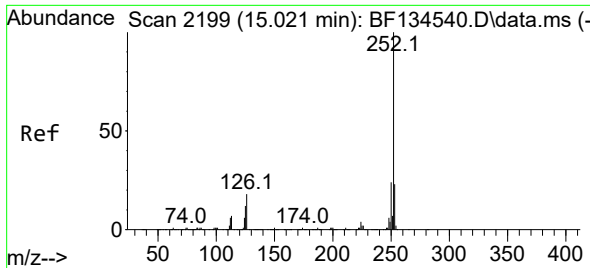
Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 11.9 6.0 9.0#

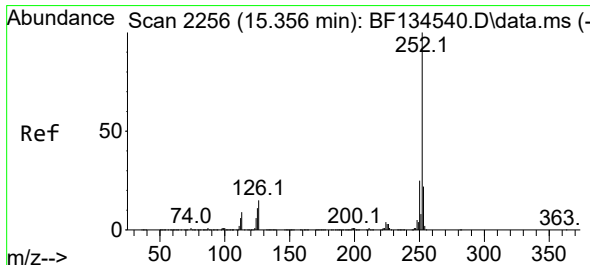
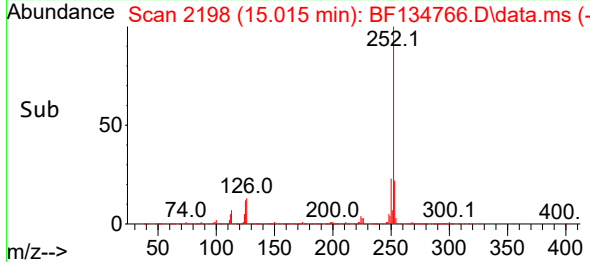
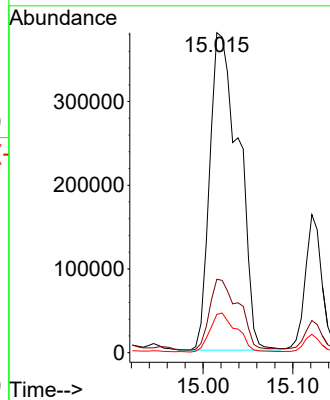
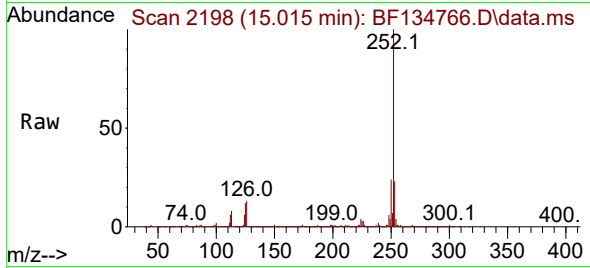




#89
Benzo(k)fluoranthene
Concen: 48.410 ng
RT: 15.015 min Scan# 2199
Delta R.T. -0.024 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

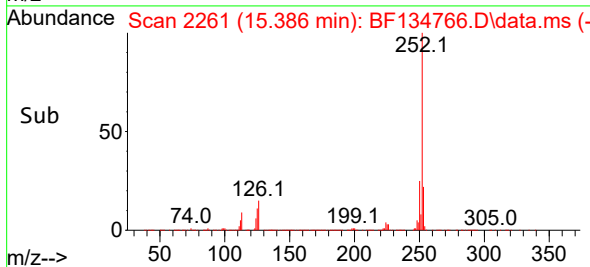
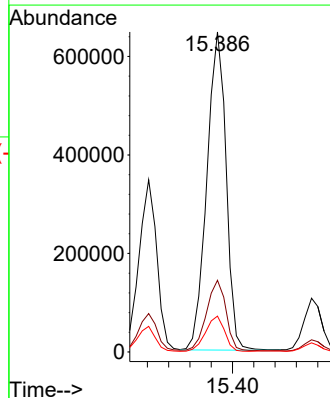
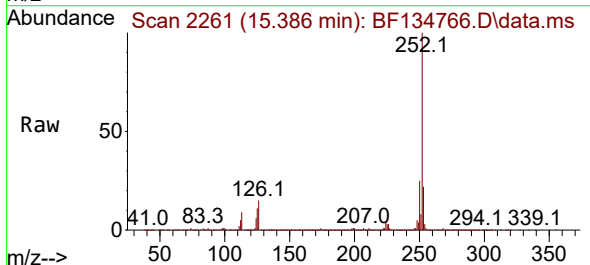
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

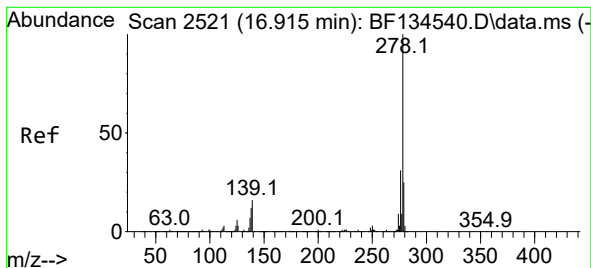
Tgt Ion:252 Resp: 850579
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 11.9 6.3 9.5#



#90
Benzo(a)pyrene
Concen: 49.293 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BF134766.D
Acq: 14 Aug 2023 18:46

Tgt Ion:252 Resp: 810645
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 11.2 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 5.316 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12

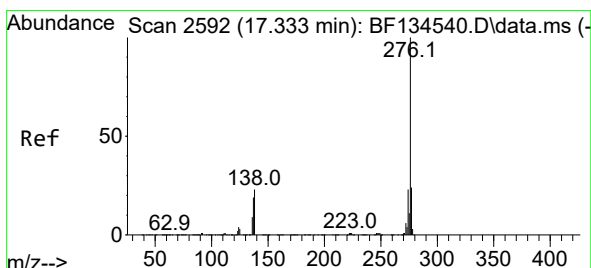
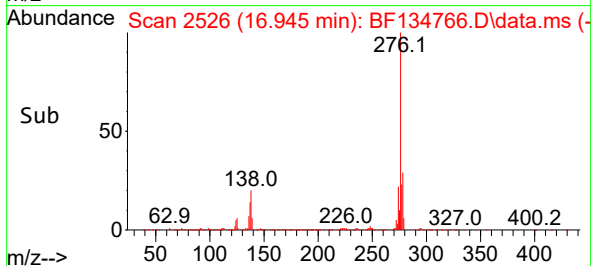
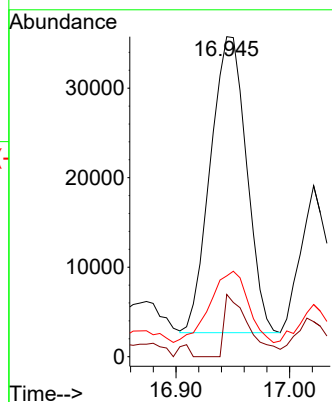
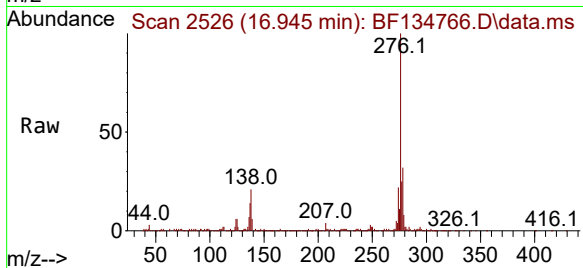
Tgt Ion:278 Resp: 73070

Ion Ratio Lower Upper

278 100

139 19.5 10.0 15.0#

279 25.2 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 22.043 ng

RT: 17.392 min Scan# 2602

Delta R.T. 0.018 min

Lab File: BF134766.D

Acq: 14 Aug 2023 18:46

Tgt Ion:276 Resp: 309079

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.6

138 21.2 12.2 18.2#

