

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134767.D
 Acq On : 14 Aug 2023 19:18
 Operator : CG\JU
 Sample : 03975-02 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 15 00:33:41 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	135814	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	421651	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	246985	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	420491	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	242043	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	285669	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	67565	7.562	ng	-0.01
7) Phenol-d6	6.428	99	81377	7.125	ng	-0.01
23) Nitrobenzene-d5	7.357	82	46125	6.836	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	17096	6.790	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	100106	6.739	ng	-0.01
79) Terphenyl-d14	12.916	244	89512	6.519	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.357	77	35120	3.913	ng	# 1
18) Hexachloroethane	7.334	117	43639	13.304	ng	# 1
26) 2-Nitrophenol	7.698	139	521	4.944	ng	# 1
31) Naphthalene	8.134	128	8728414	411.885	ng	96
32) Benzoic acid	7.863	122	2052	8.268	ng	# 1
33) 4-Chloroaniline	8.134	127	1270244	134.527	ng	# 35
35) Caprolactam	8.504	113	4747	2.469	ng	# 1
37) 2-Methylnaphthalene	8.810	142	3172394	225.850	ng	99
38) 1-Methylnaphthalene	8.904	142	2296603	175.827	ng	96
46) 1,1'-Biphenyl	9.257	154	822515	42.825	ng	98
48) 2-Nitroaniline	9.351	65	20560	7.446	ng	# 32
49) Acenaphthylene	9.698	152	341149	15.081	ng	# 89
51) 2,6-Dinitrotoluene	9.528	165	12405	5.905	ng	# 1
52) Acenaphthene	9.880	154	1710785	116.699	ng	100
54) 2,4-Dinitrophenol	9.886	184	695	7.458	ng	# 1
55) Dibenzofuran	10.039	168	174030	8.339	ng	# 88
56) 4-Nitrophenol	9.939	139	26315	8.575	ng	# 12
57) 2,4-Dinitrotoluene	10.039	165	11709	5.495	ng	# 50
58) Fluorene	10.386	166	1058965	69.666	ng	95
65) 4,6-Dinitro-2-methylph...	10.451	198	562	8.970	ng	# 1
66) n-Nitrosodiphenylamine	10.498	169	38852	2.903	ng	# 1
71) Phenanthrene	11.363	178	3417756	153.024	ng	98
72) Anthracene	11.404	178	1270785	55.702	ng	99
73) Carbazole	11.557	167	44393	2.179	ng	94
75) Fluoranthene	12.545	202	1533596	65.003	ng	96
78) Pyrene	12.780	202	2242298	107.060	ng	96
81) Benzo(a)anthracene	13.998	228	617065	35.654	ng	96
83) Chrysene	13.998	228	617065	36.595	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	214641	12.776	ng	# 94
88) Benzo(b)fluoranthene	15.015	252	665857	38.218	ng	# 94
89) Benzo(k)fluoranthene	15.015	252	665857	38.365	ng	# 95
90) Benzo(a)pyrene	15.386	252	635404	39.115	ng	# 97
91) Dibenzo(a,h)anthracene	16.945	278	55800	4.110	ng	# 91
92) Benzo(g,h,i)perylene	17.386	276	237189	17.125	ng	# 92

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

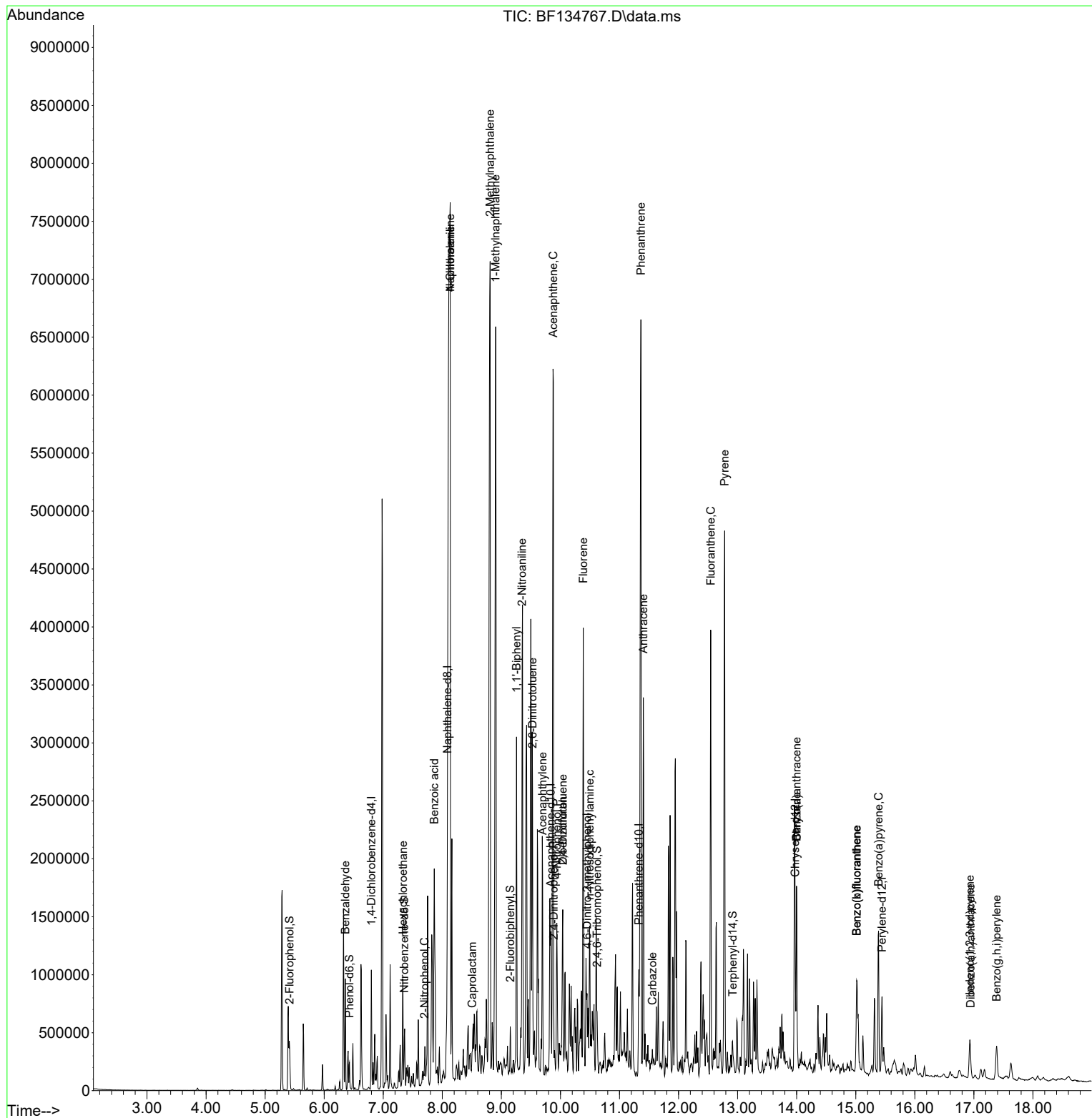
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

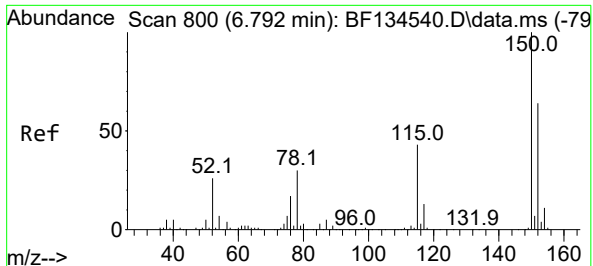
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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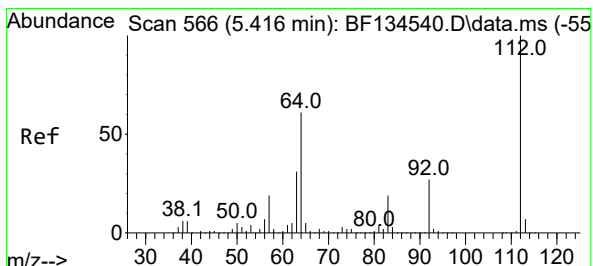
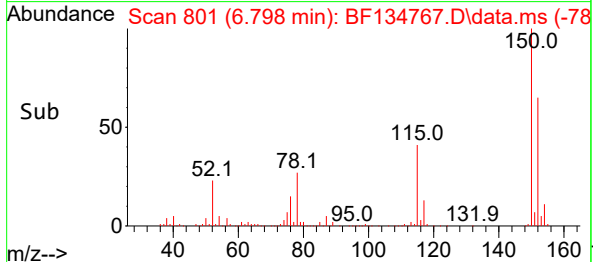
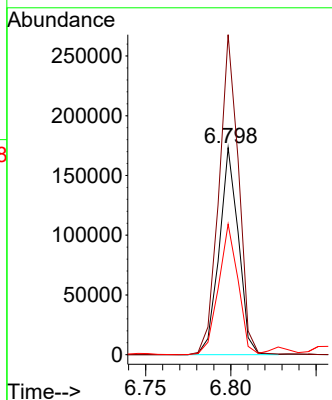
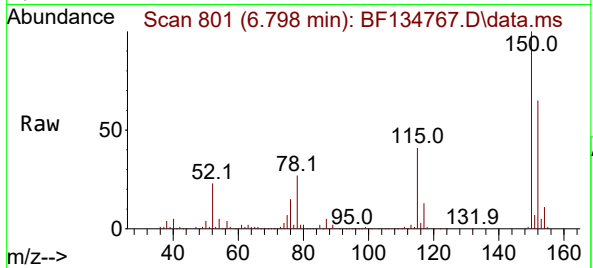




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

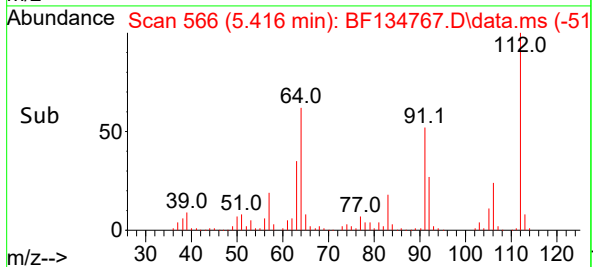
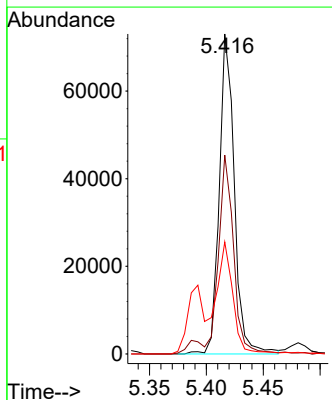
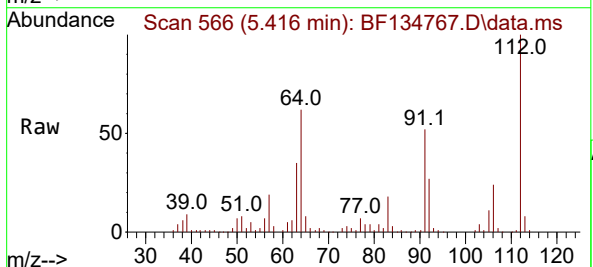
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

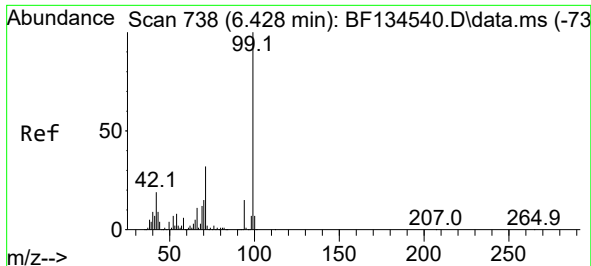
Tgt Ion:152 Resp: 135814
Ion Ratio Lower Upper
152 100
150 154.6 128.3 192.5
115 63.1 52.4 78.6



#5
2-Fluorophenol
Concen: 7.562 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion:112 Resp: 67565
Ion Ratio Lower Upper
112 100
64 62.1 44.9 67.3
63 35.0 25.4 38.0

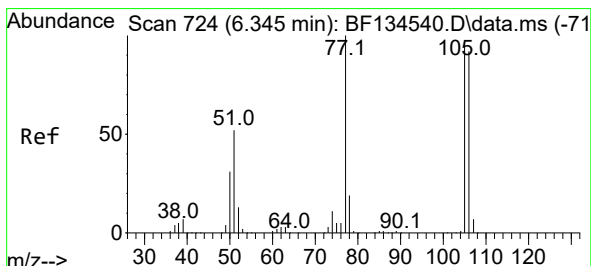
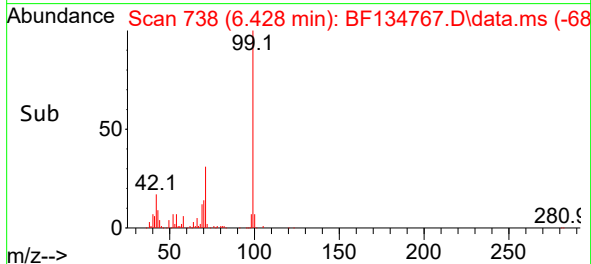
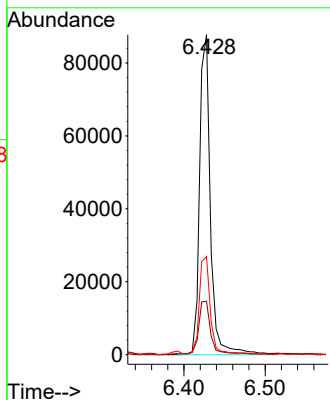
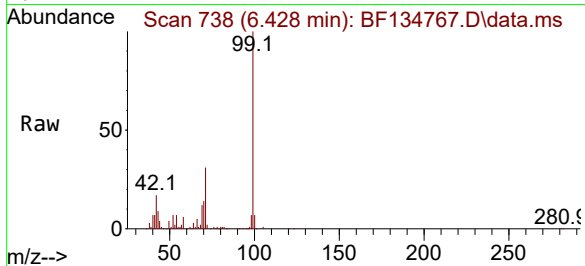




#7
Phenol-d6
Concen: 7.125 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

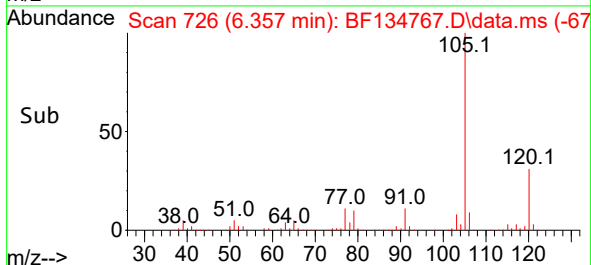
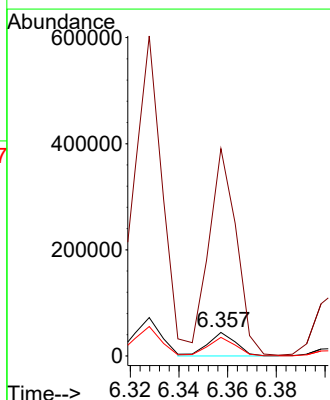
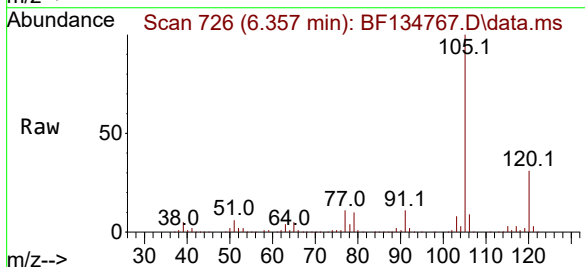
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

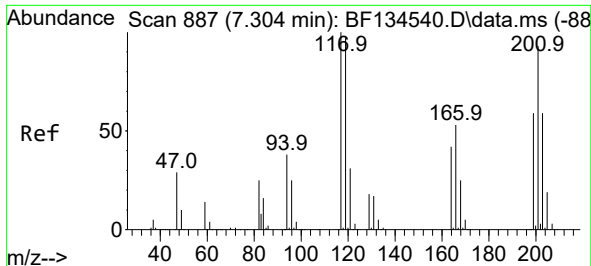
Tgt Ion: 99 Resp: 81377
Ion Ratio Lower Upper
99 100
42 16.7 18.7 28.1#
71 30.7 36.4 54.6#



#9
Benzaldehyde
Concen: 3.913 ng
RT: 6.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion: 77 Resp: 35120
Ion Ratio Lower Upper
77 100
105 879.4 77.1 117.1#
106 79.0 71.4 111.4

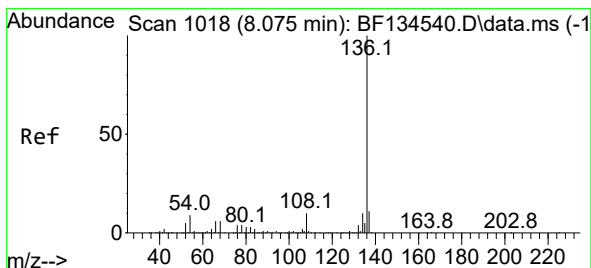
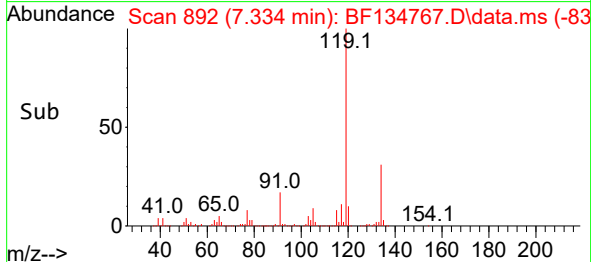
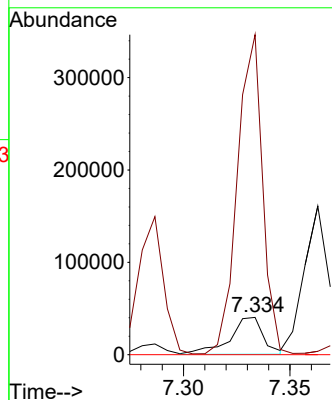
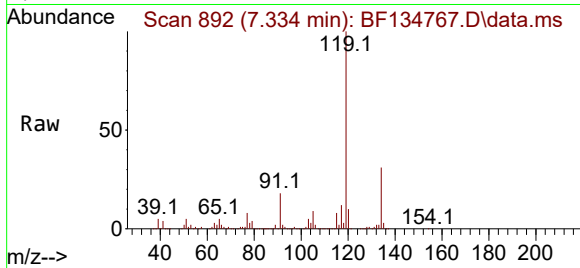




#18
Hexachloroethane
Concen: 13.304 ng
RT: 7.334 min Scan# 891
Delta R.T. 0.024 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

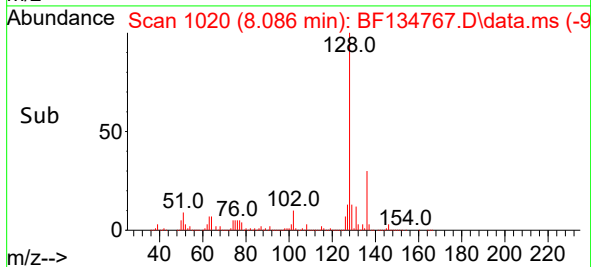
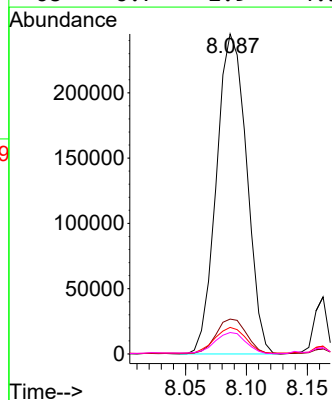
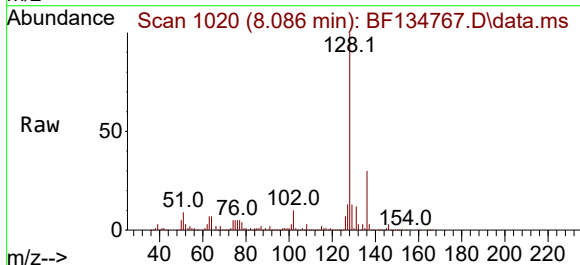
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

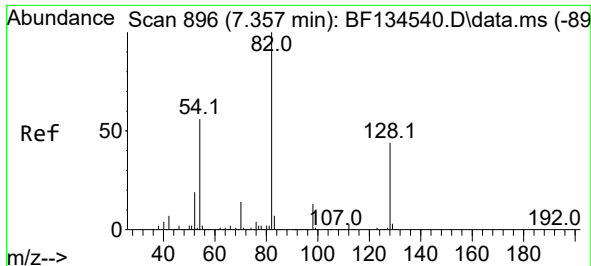
Tgt Ion:117 Resp: 43639
Ion Ratio Lower Upper
117 100
119 856.3 75.8 113.8#
201 0.0 73.6 110.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion:136 Resp: 421651
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.3 5.2 7.8#
68 6.7 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 6.836 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134767.D

Acq: 14 Aug 2023 19:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12-Q

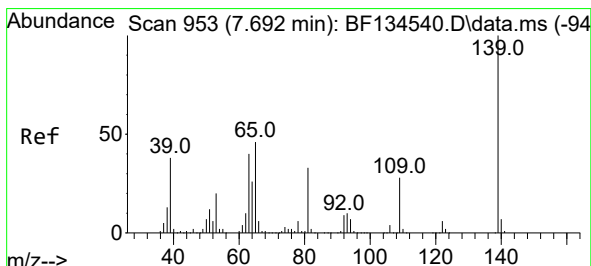
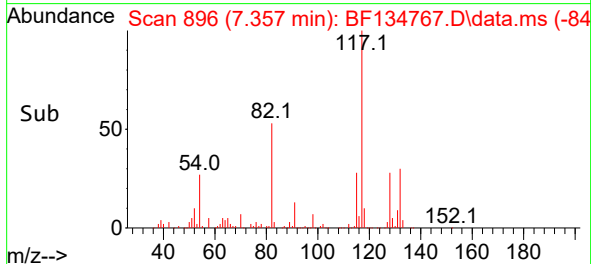
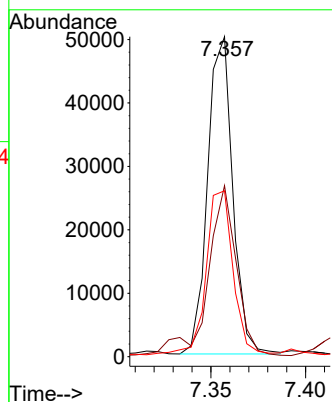
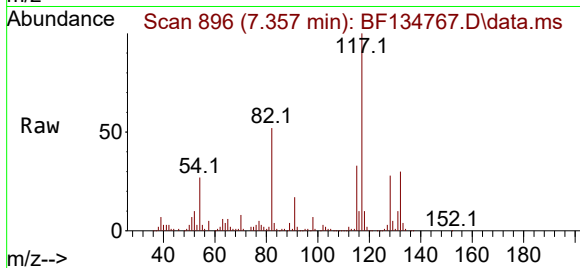
Tgt Ion: 82 Resp: 46125

Ion Ratio Lower Upper

82 100

128 53.4 34.3 51.5#

54 51.8 43.8 65.6



#26

2-Nitrophenol

Concen: 4.944 ng

RT: 7.698 min Scan# 954

Delta R.T. 0.000 min

Lab File: BF134767.D

Acq: 14 Aug 2023 19:18

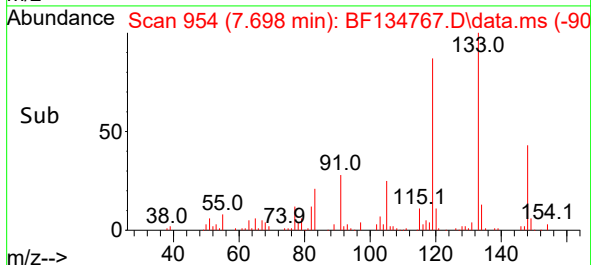
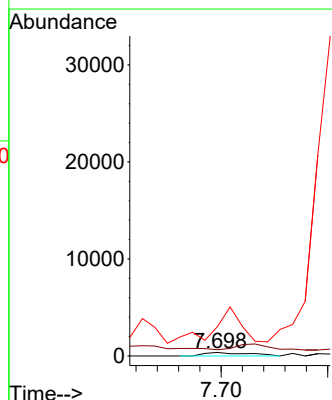
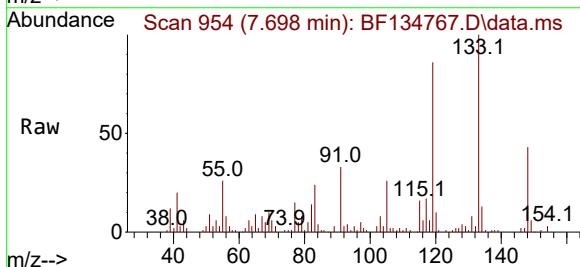
Tgt Ion:139 Resp: 521

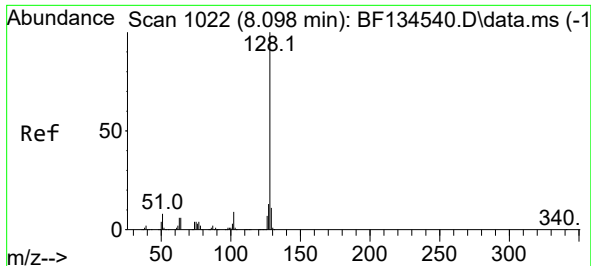
Ion Ratio Lower Upper

139 100

109 176.9 29.8 44.6#

65 837.7 45.4 68.2#

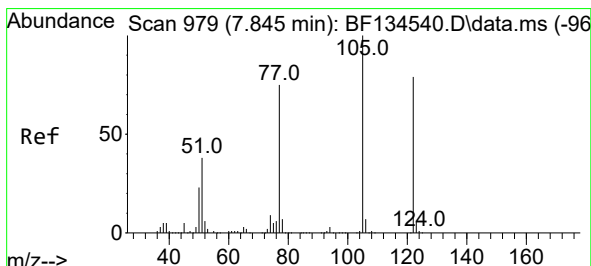
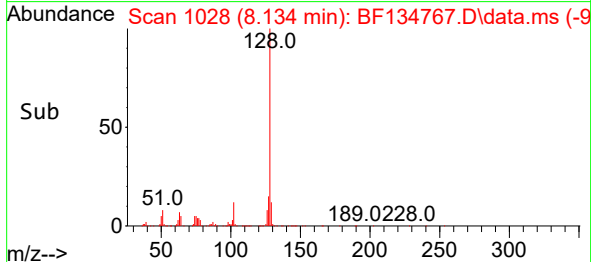
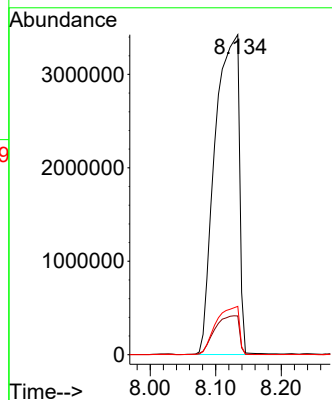
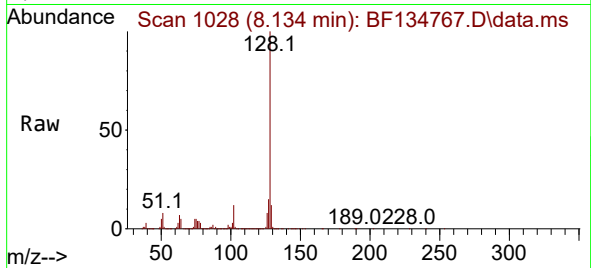




#31
Naphthalene
Concen: 411.885 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.029 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

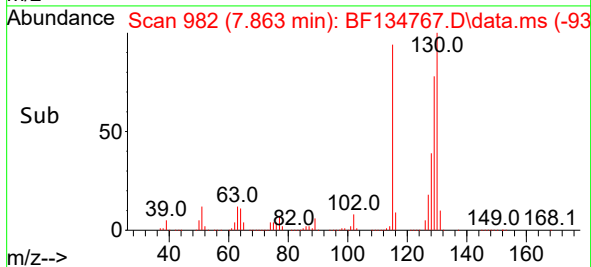
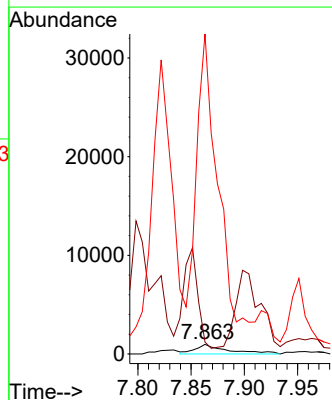
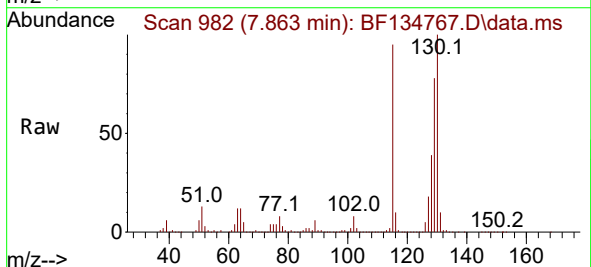
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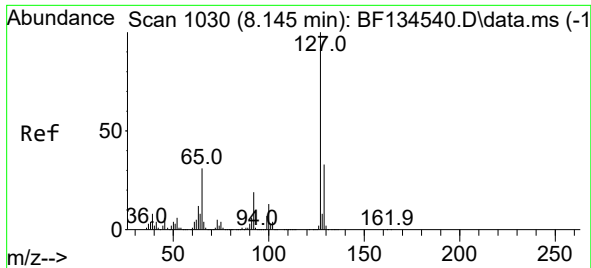
Tgt Ion:128 Resp: 8728414
Ion Ratio Lower Upper
128 100
129 12.1 8.4 12.6
127 15.1 10.7 16.1



#32
Benzoic acid
Concen: 8.268 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion:122 Resp: 2052
Ion Ratio Lower Upper
122 100
105 123.2 87.5 127.5
77 3327.2 71.4 111.4#

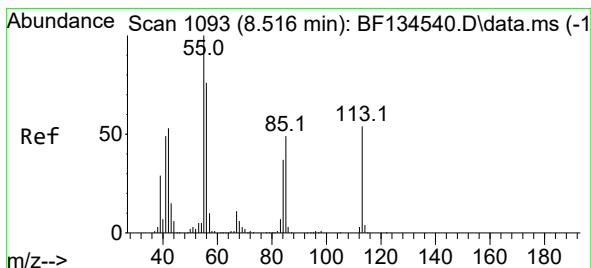
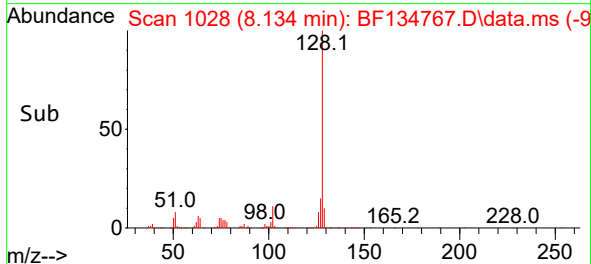
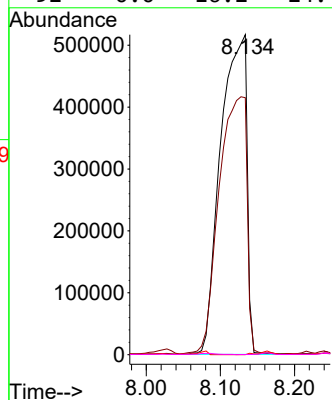
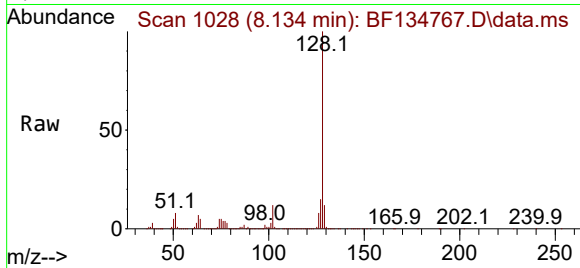




#33
4-Chloroaniline
Concen: 134.527 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

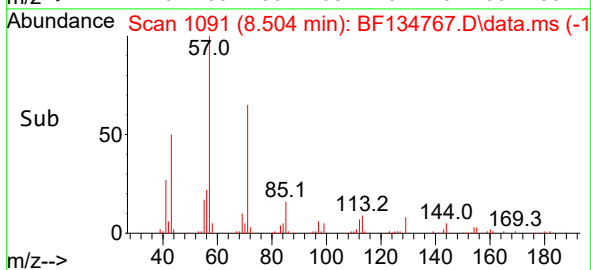
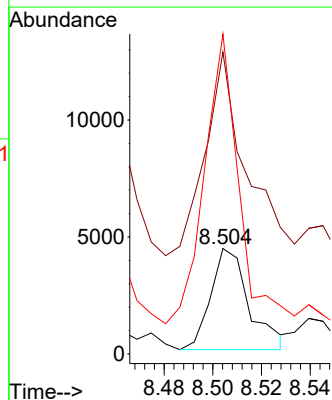
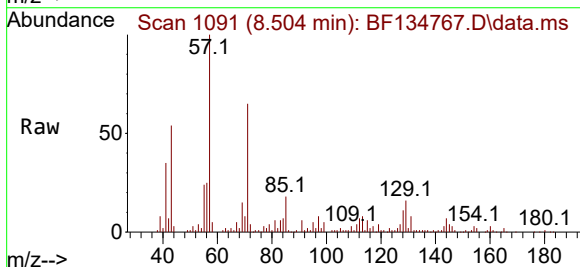
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

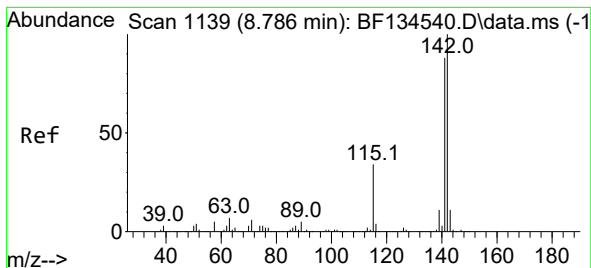
Tgt Ion:127 Resp: 1270244
Ion Ratio Lower Upper
127 100
129 80.3 25.6 38.4#
65 0.0 25.4 38.0#
92 0.0 16.2 24.4#



#35
Caprolactam
Concen: 2.469 ng
RT: 8.504 min Scan# 1091
Delta R.T. -0.029 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion:113 Resp: 4747
Ion Ratio Lower Upper
113 100
55 286.2 161.5 201.5#
56 303.4 117.8 157.8#





#37

2-Methylnaphthalene

Concen: 225.850 ng

RT: 8.810 min Scan# 1143

Delta R.T. 0.018 min

Lab File: BF134767.D

Acq: 14 Aug 2023 19:18

Instrument :

BNA_F

ClientSampleId :

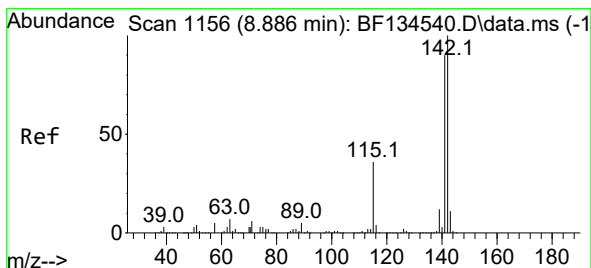
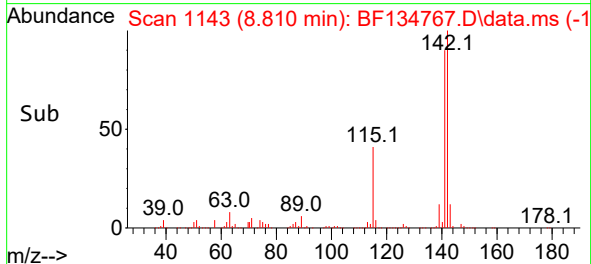
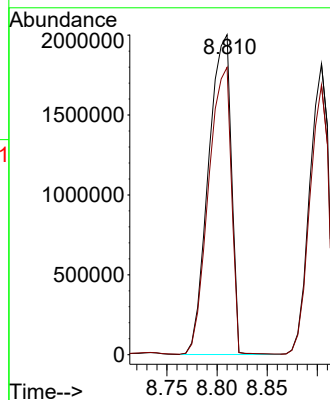
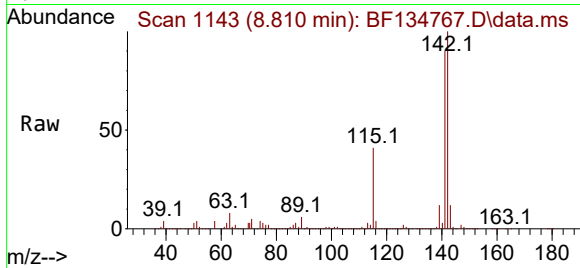
NEVINS-SB03-Z10-12-Q

Tgt Ion:142 Resp: 3172394

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2



#38

1-Methylnaphthalene

Concen: 175.827 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.012 min

Lab File: BF134767.D

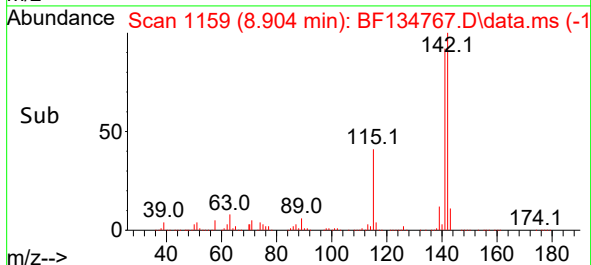
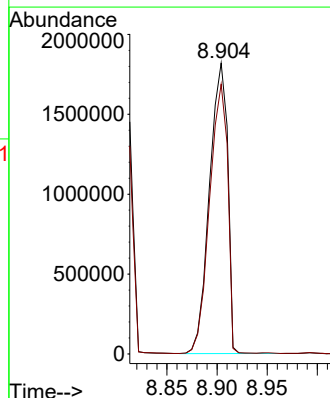
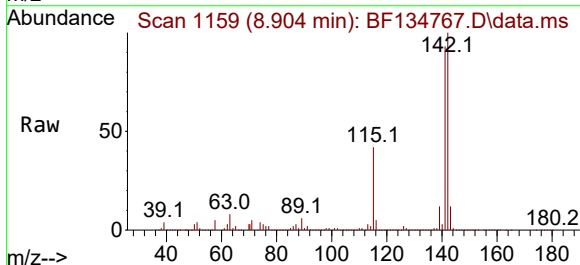
Acq: 14 Aug 2023 19:18

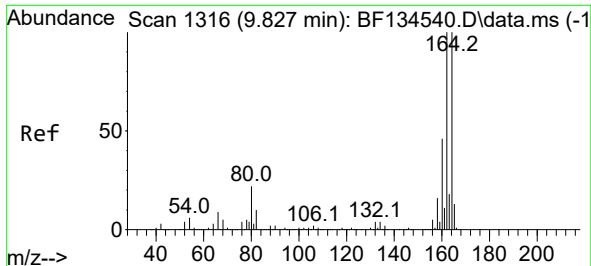
Tgt Ion:142 Resp: 2296603

Ion Ratio Lower Upper

142 100

141 92.7 71.4 107.2

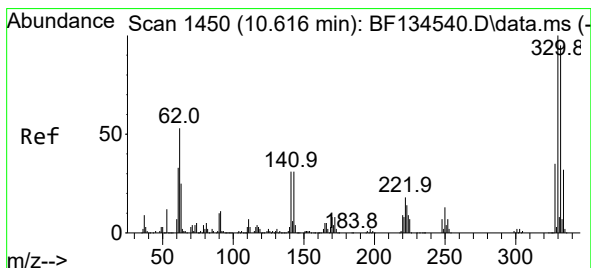
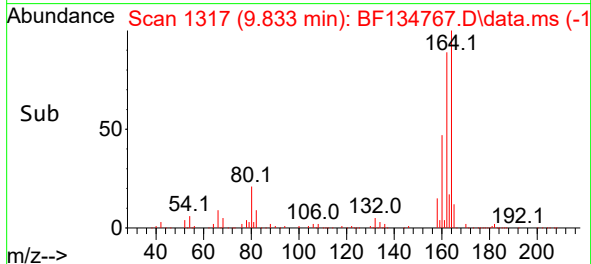
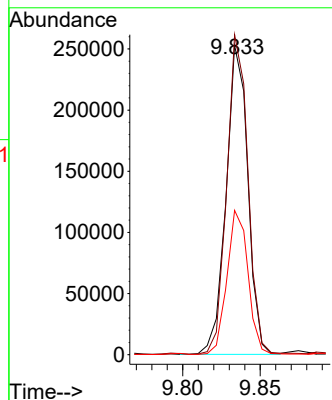
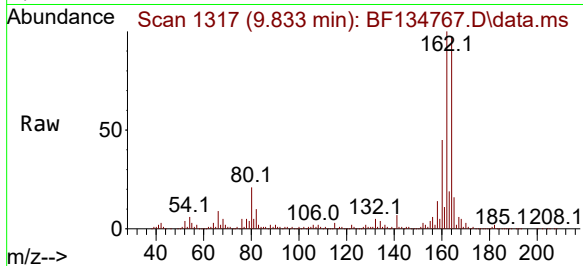




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

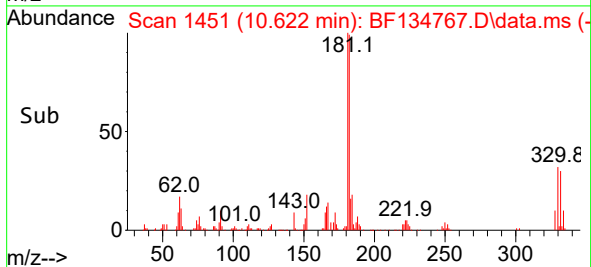
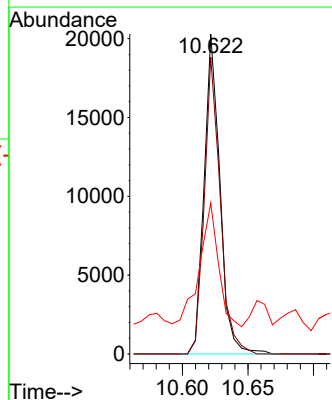
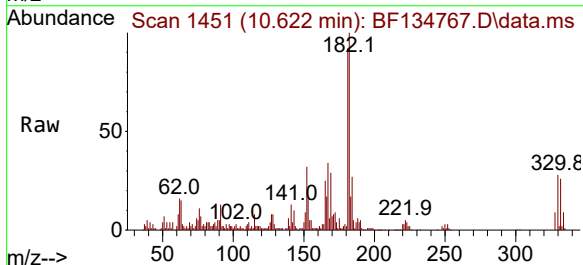
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

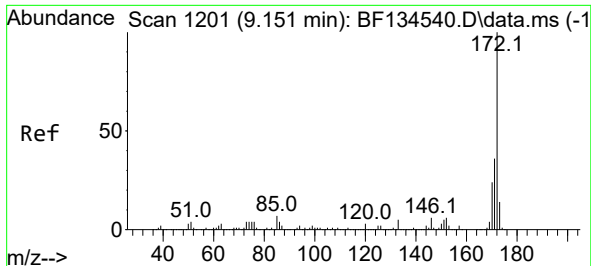
Tgt Ion:164 Resp: 246985
Ion Ratio Lower Upper
164 100
162 103.4 82.6 123.8
160 46.6 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 6.790 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion:330 Resp: 17096
Ion Ratio Lower Upper
330 100
332 93.0 78.8 118.2
141 46.4 25.4 38.2#

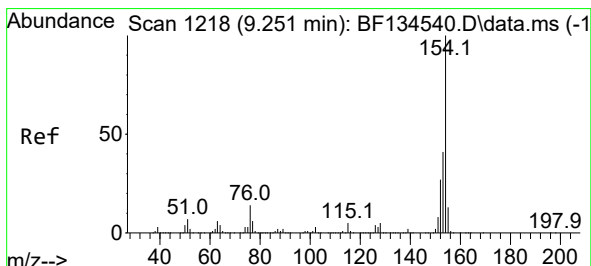
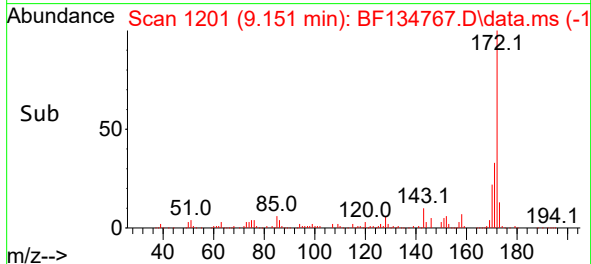
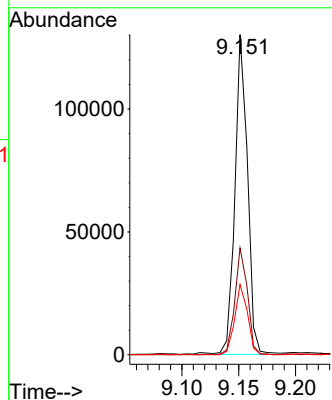
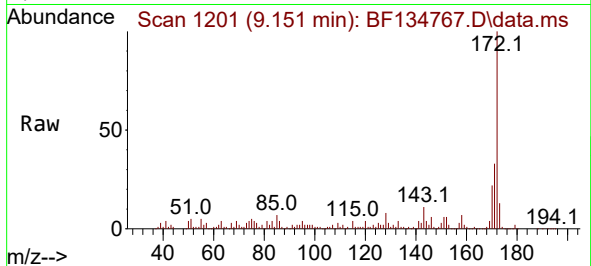




#45
2-Fluorobiphenyl
Concen: 6.739 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

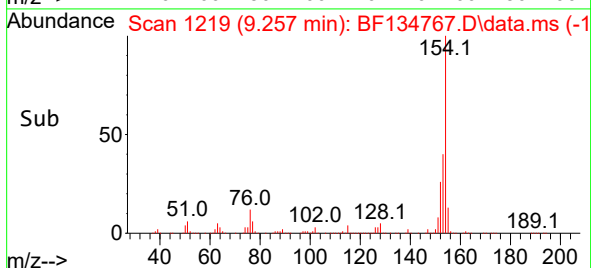
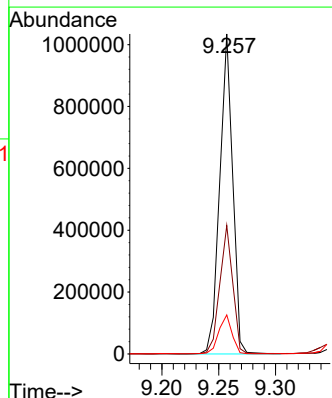
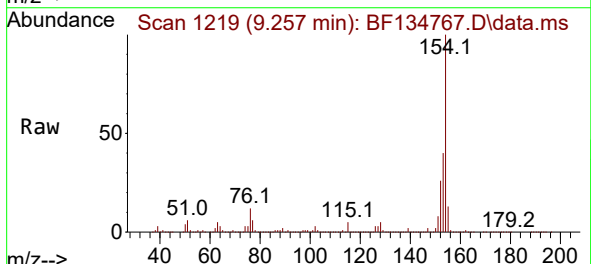
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

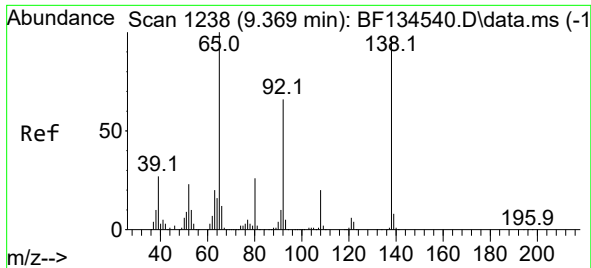
Tgt Ion:172 Resp: 100106
Ion Ratio Lower Upper
172 100
171 33.3 28.8 43.2
170 22.0 18.7 28.1



#46
1,1'-Biphenyl
Concen: 42.825 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion:154 Resp: 822515
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 12.2 0.0 30.2

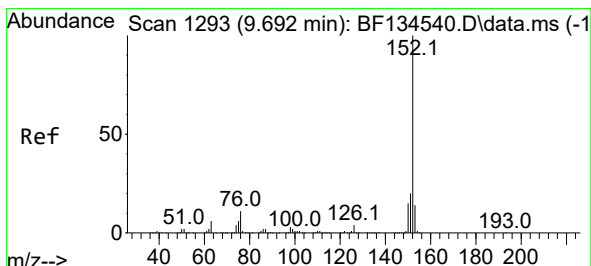
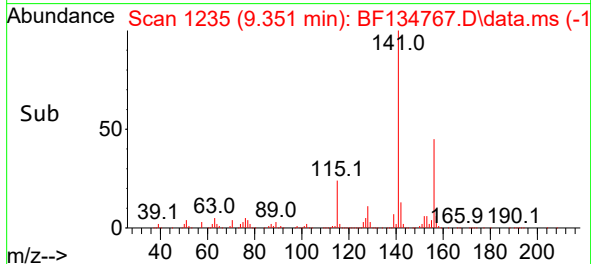
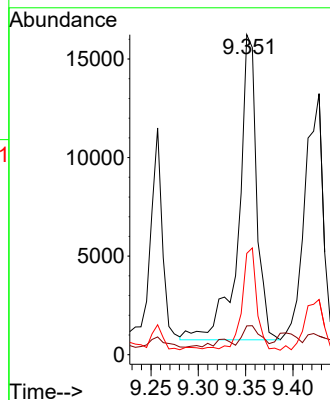
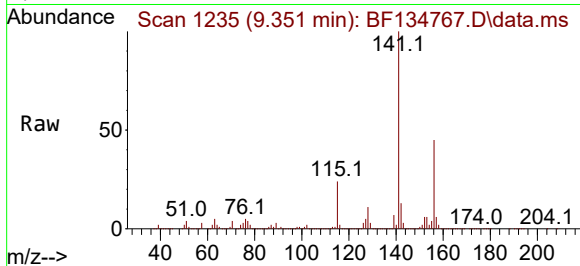




#48
2-Nitroaniline
Concen: 7.446 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

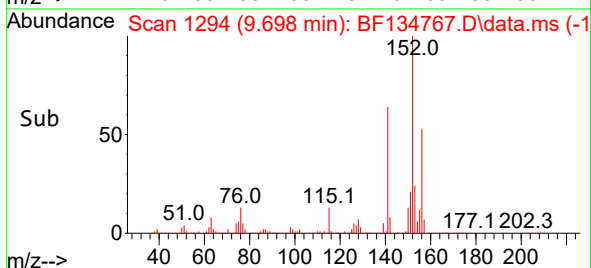
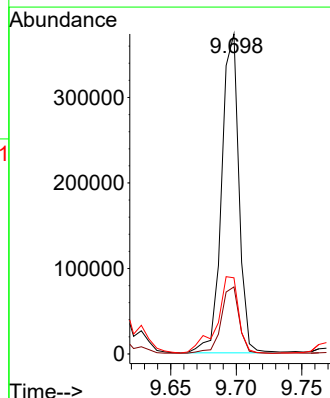
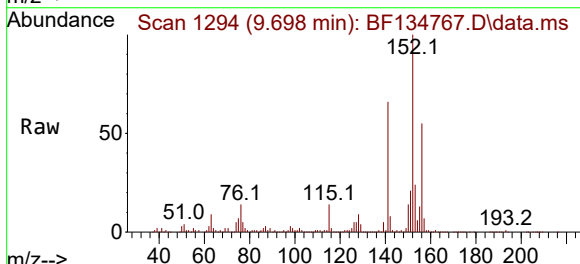
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

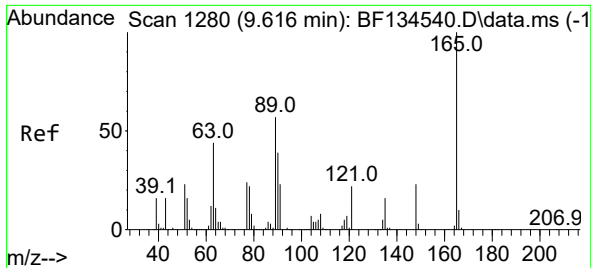
Tgt Ion: 65 Resp: 20560
Ion Ratio Lower Upper
65 100
92 9.0 50.7 76.1#
138 31.6 78.2 117.4#



#49
Acenaphthylene
Concen: 15.081 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion: 152 Resp: 341149
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 23.8 10.9 16.3#

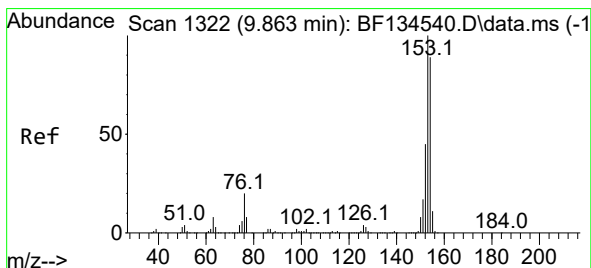
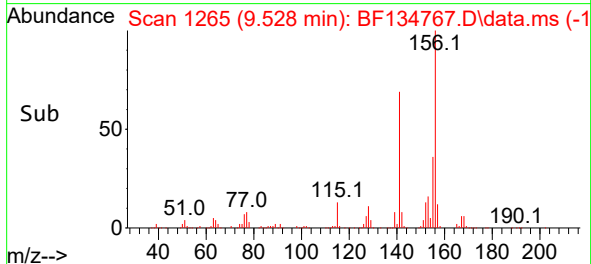
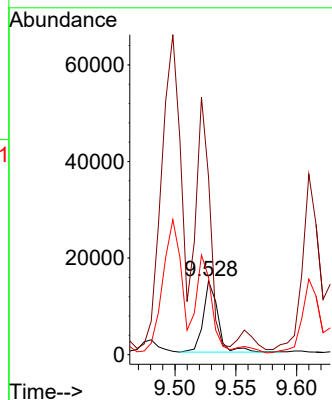
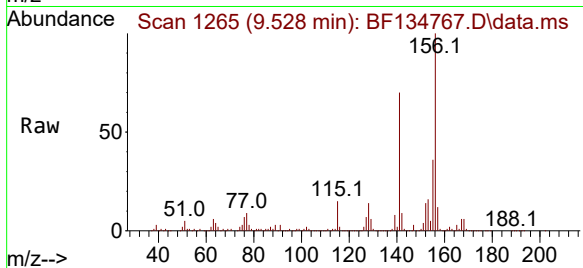




#51
2,6-Dinitrotoluene
Concen: 5.905 ng
RT: 9.528 min Scan# 11
Delta R.T. -0.100 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

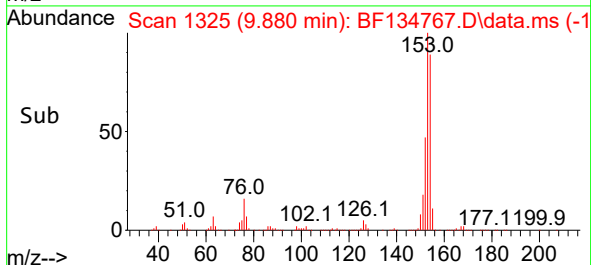
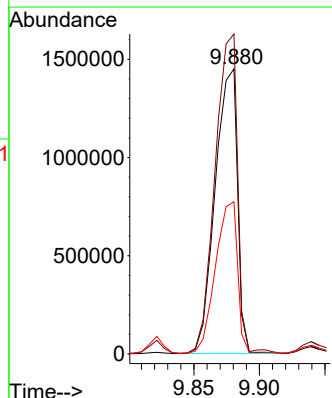
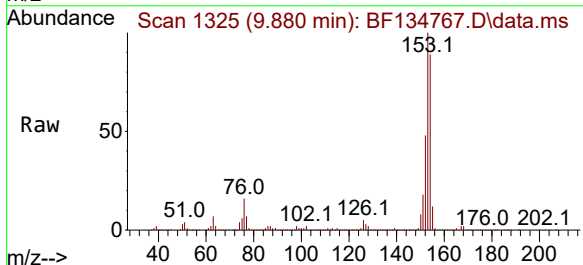
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

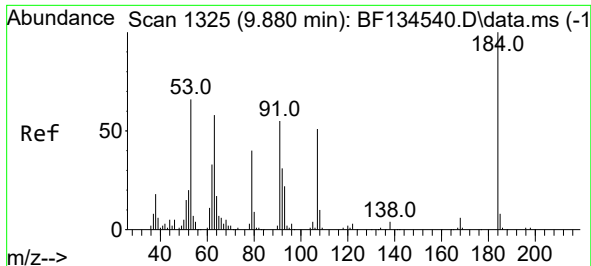
Tgt Ion:165 Resp: 12405
Ion Ratio Lower Upper
165 100
63 241.3 57.8 86.6#
89 105.2 51.8 77.8#



#52
Acenaphthene
Concen: 116.699 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion:154 Resp: 1710785
Ion Ratio Lower Upper
154 100
153 112.2 90.0 135.0
152 53.3 42.4 63.6

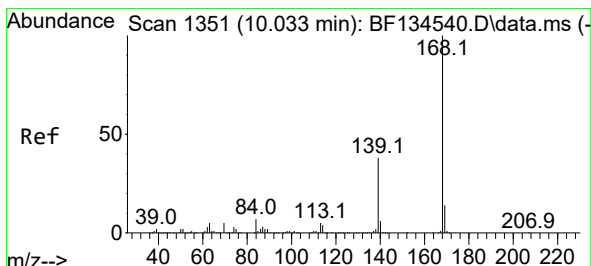
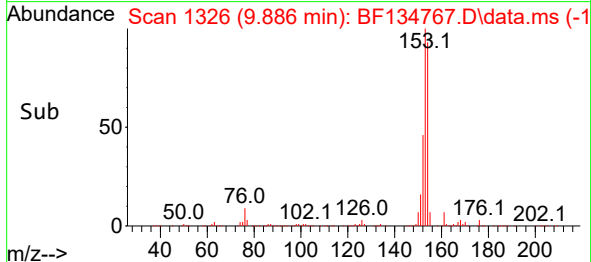
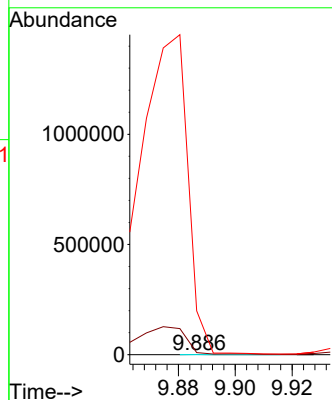
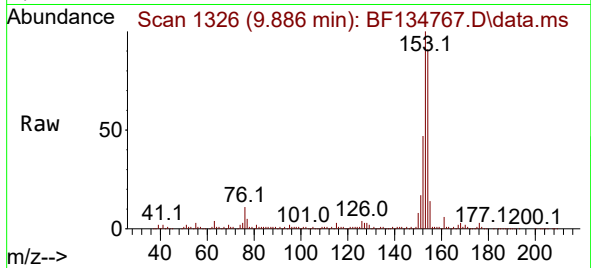




#54
2,4-Dinitrophenol
Concen: 7.458 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

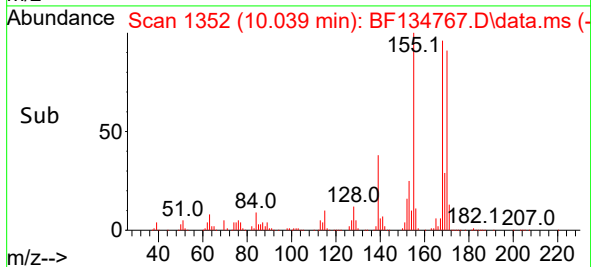
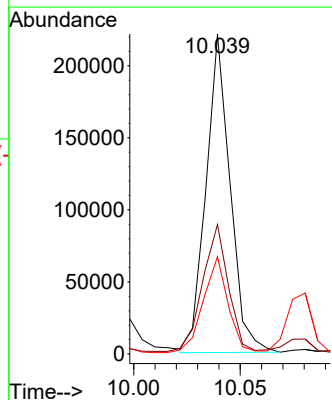
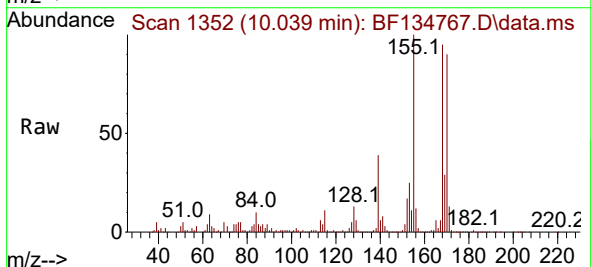
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

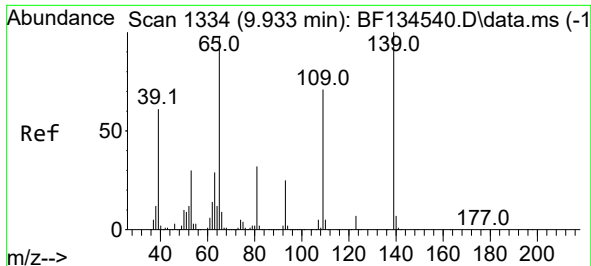
Tgt Ion:184 Resp: 695
Ion Ratio Lower Upper
184 100
63 2186.6 57.1 85.7#
154 47540.7 59.1 88.7#



#55
Dibenzofuran
Concen: 8.339 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion:168 Resp: 174030
Ion Ratio Lower Upper
168 100
139 40.4 33.4 50.2
169 30.4 10.6 15.8#

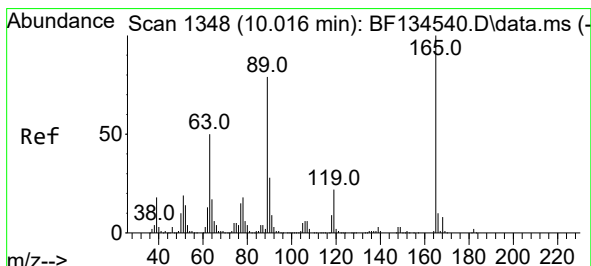
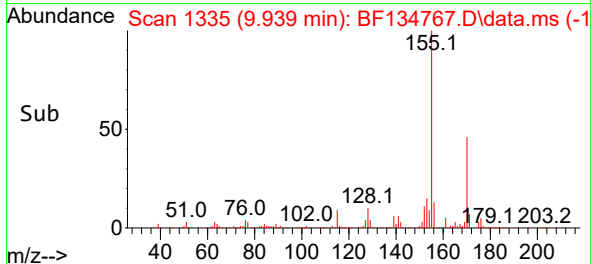
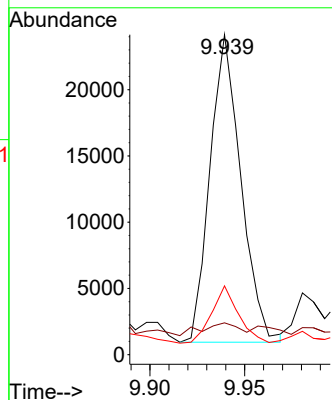
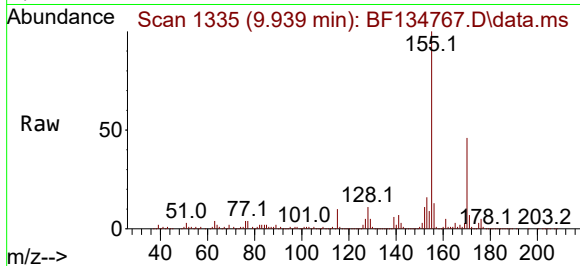




#56
4-Nitrophenol
Concen: 8.575 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

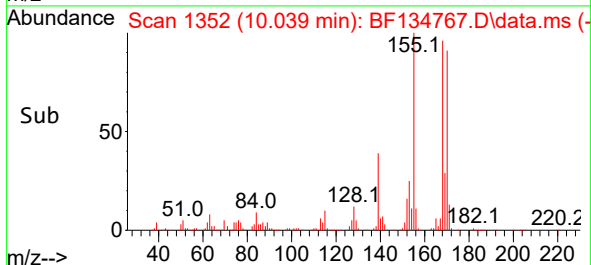
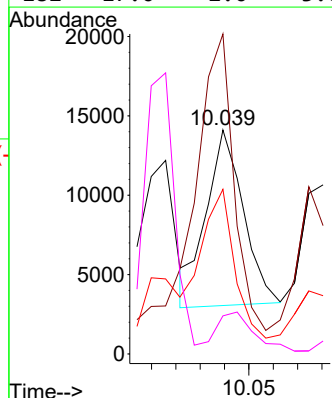
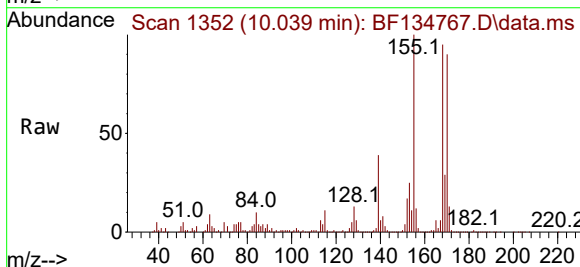
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

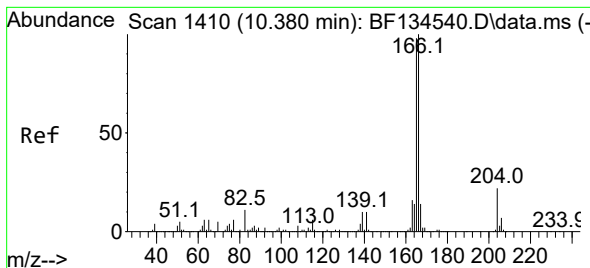
Tgt Ion:139 Resp: 26315
Ion Ratio Lower Upper
139 100
109 10.0 76.9 116.9#
65 21.5 98.5 138.5#



#57
2,4-Dinitrotoluene
Concen: 5.495 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.012 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion:165 Resp: 11709
Ion Ratio Lower Upper
165 100
63 142.8 48.9 73.3#
89 73.5 61.7 92.5
182 17.0 2.0 3.0#





#58

Fluorene

Concen: 69.666 ng

RT: 10.386 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BF134767.D

Acq: 14 Aug 2023 19:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12-Q

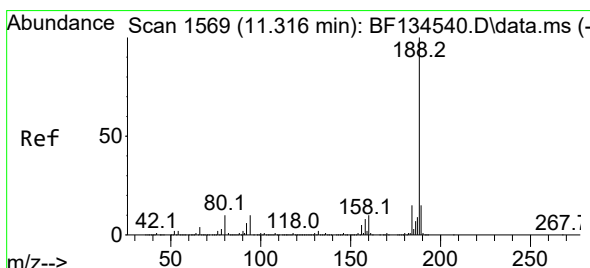
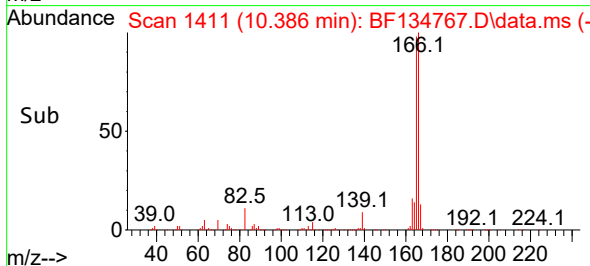
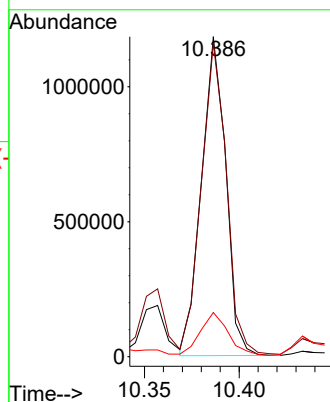
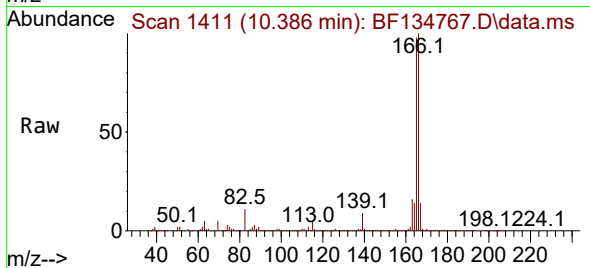
Tgt Ion:166 Resp: 1058965

Ion Ratio Lower Upper

166 100

165 98.1 74.5 111.7

167 13.8 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: BF134767.D

Acq: 14 Aug 2023 19:18

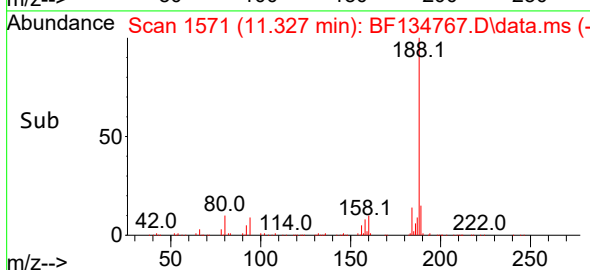
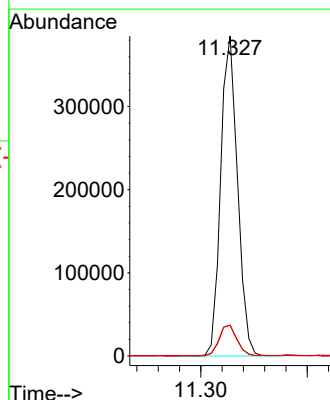
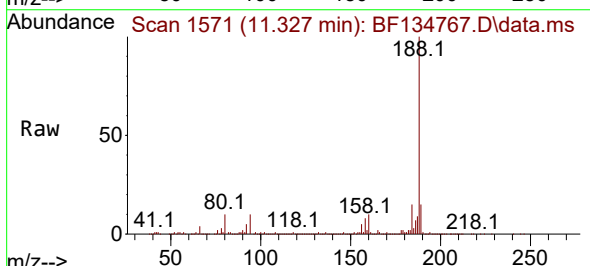
Tgt Ion:188 Resp: 420491

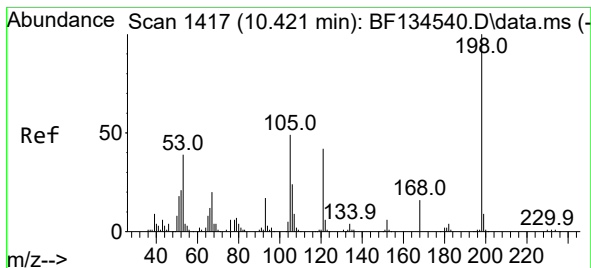
Ion Ratio Lower Upper

188 100

94 9.6 5.1 7.7#

80 9.6 6.6 9.8

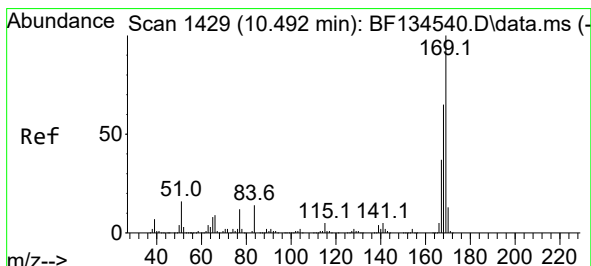
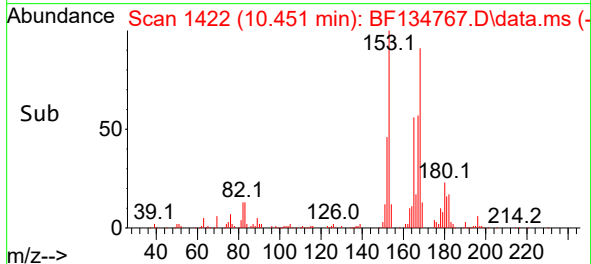
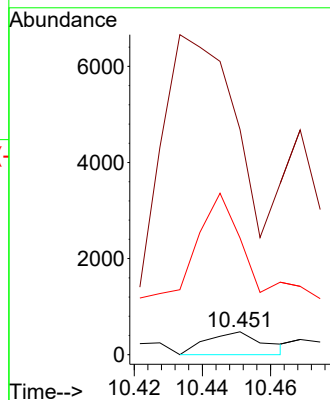
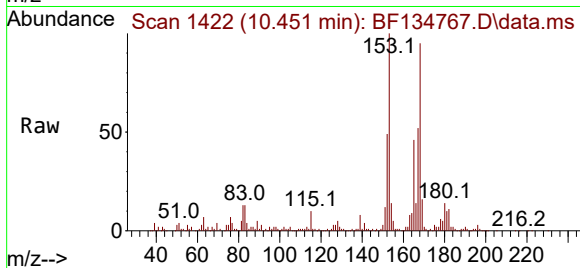




#65
4,6-Dinitro-2-methylphenol
Concen: 8.970 ng
RT: 10.451 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

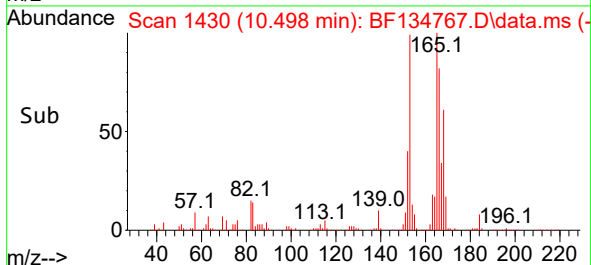
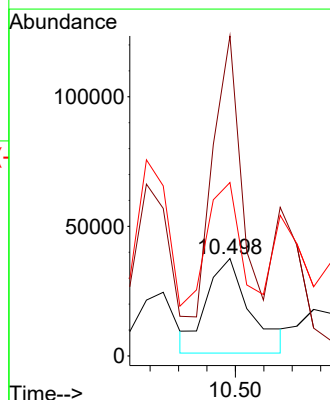
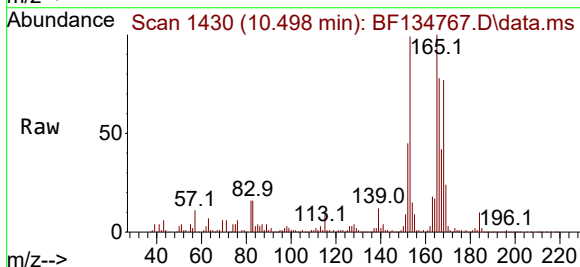
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

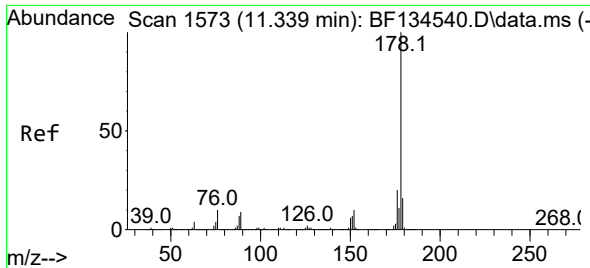
Tgt Ion:198 Resp: 562
Ion Ratio Lower Upper
198 100
51 986.7 38.6 78.6#
105 510.9 27.9 67.9#



#66
n-Nitrosodiphenylamine
Concen: 2.903 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion:169 Resp: 38852
Ion Ratio Lower Upper
169 100
168 328.4 52.6 78.8#
167 178.1 29.8 44.8#

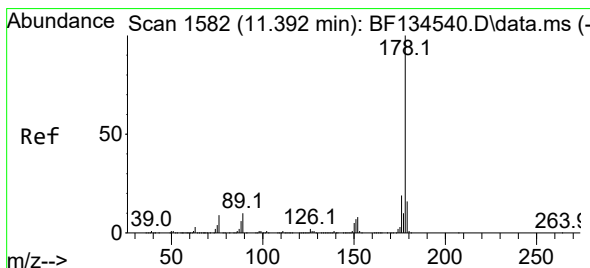
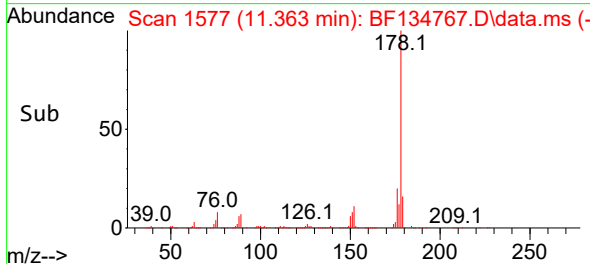
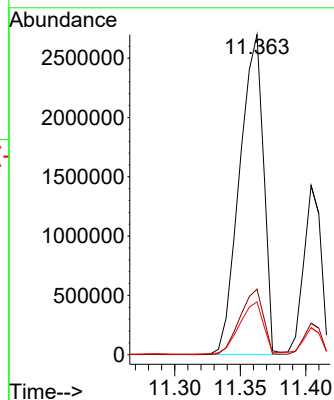
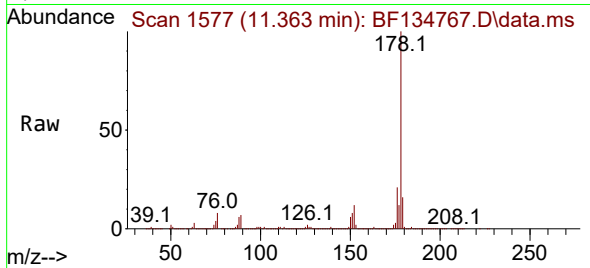




#71
Phenanthrene
Concen: 153.024 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.012 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

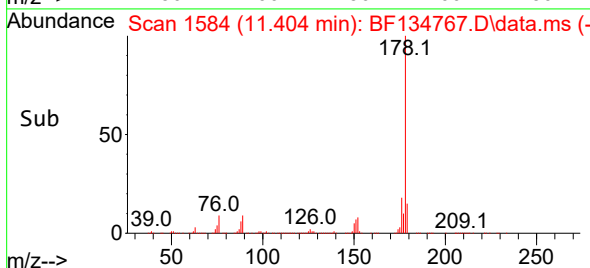
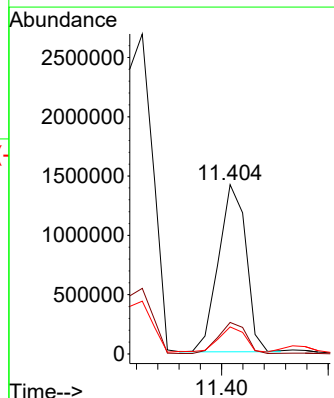
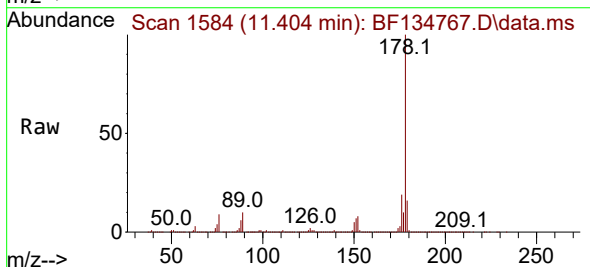
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

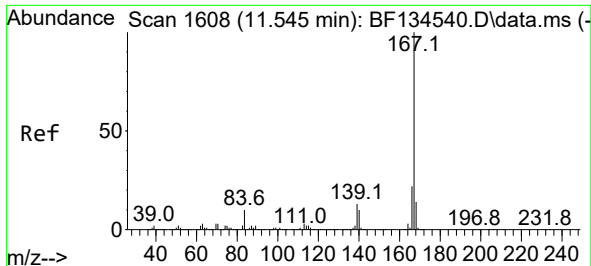
Tgt Ion:178 Resp: 3417756
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 16.5 12.7 19.1



#72
Anthracene
Concen: 55.702 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion:178 Resp: 1270785
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 16.0 12.3 18.5

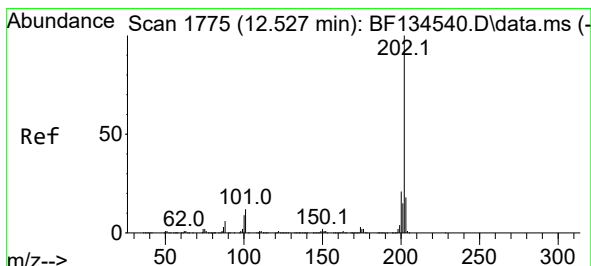
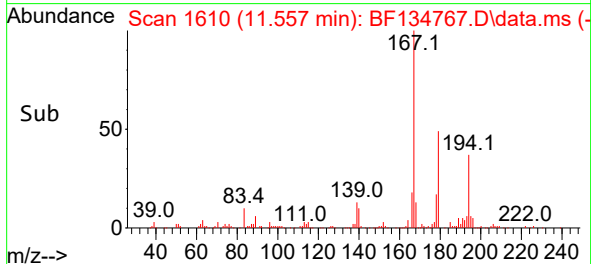
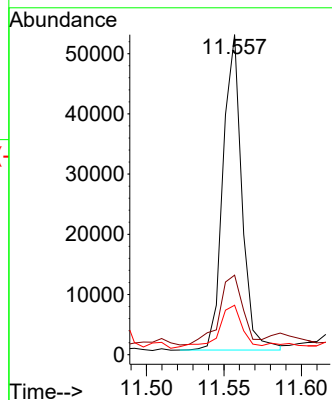
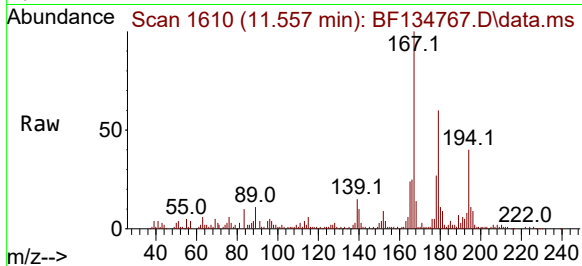




#73
 Carbazole
 Concen: 2.179 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF134767.D
 Acq: 14 Aug 2023 19:18

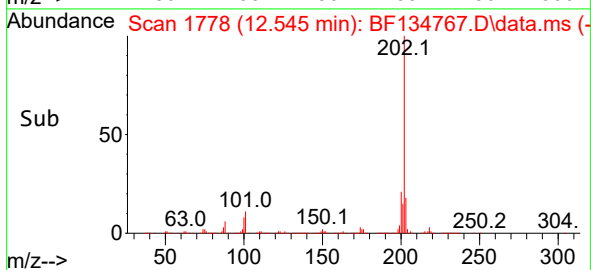
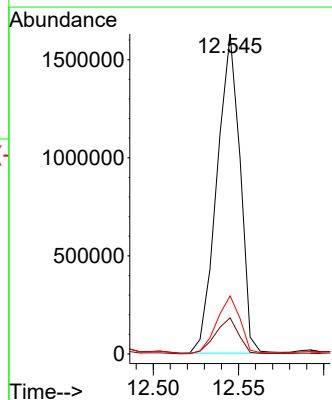
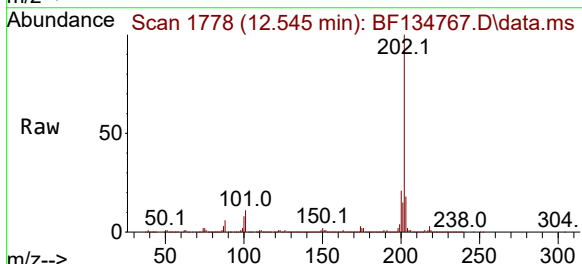
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB03-Z10-12-Q

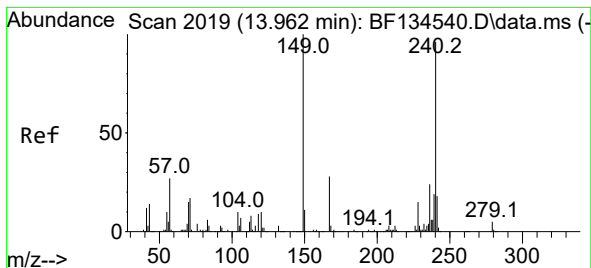
Tgt Ion:167 Resp: 44393
 Ion Ratio Lower Upper
 167 100
 166 24.9 17.5 26.3
 139 15.5 11.0 16.4



#75
 Fluoranthene
 Concen: 65.003 ng
 RT: 12.545 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: BF134767.D
 Acq: 14 Aug 2023 19:18

Tgt Ion:202 Resp: 1533596
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 28.5
 203 18.2 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: BF134767.D

Acq: 14 Aug 2023 19:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12-Q

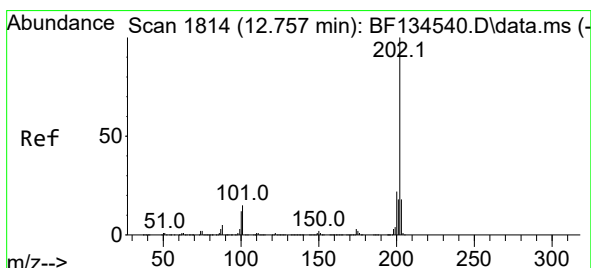
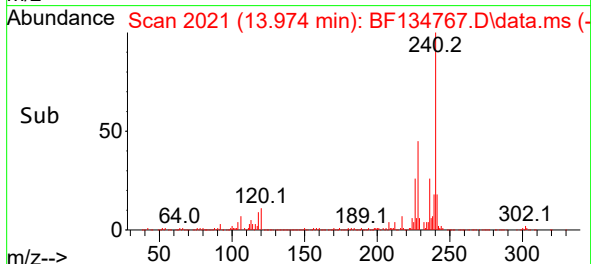
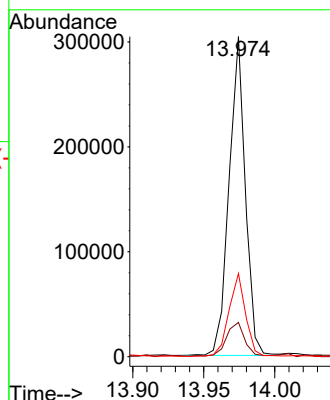
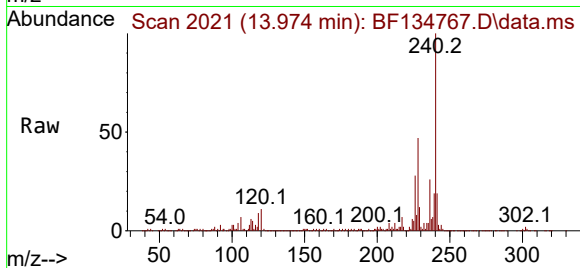
Tgt Ion:240 Resp: 242043

Ion Ratio Lower Upper

240 100

120 10.7 6.6 10.0#

236 26.0 20.2 30.2



#78

Pyrene

Concen: 107.060 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.012 min

Lab File: BF134767.D

Acq: 14 Aug 2023 19:18

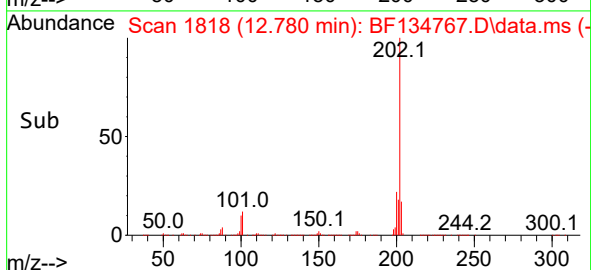
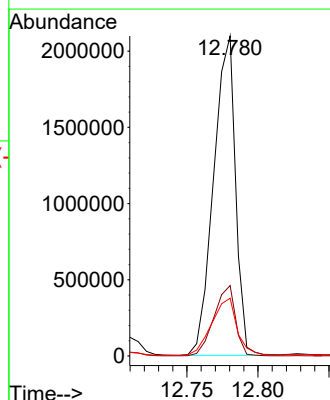
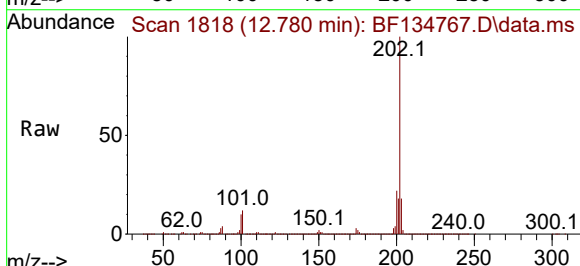
Tgt Ion:202 Resp: 2242298

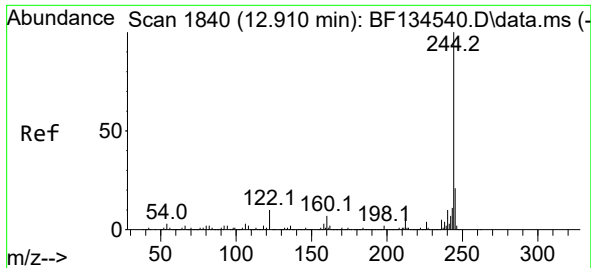
Ion Ratio Lower Upper

202 100

200 22.0 15.8 23.8

203 18.1 13.5 20.3

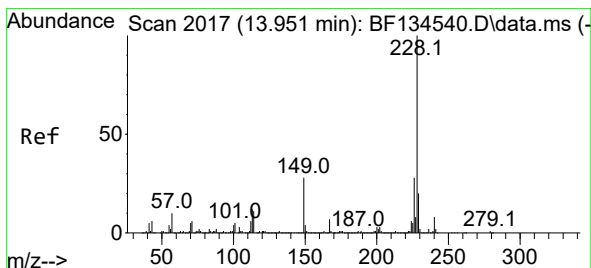
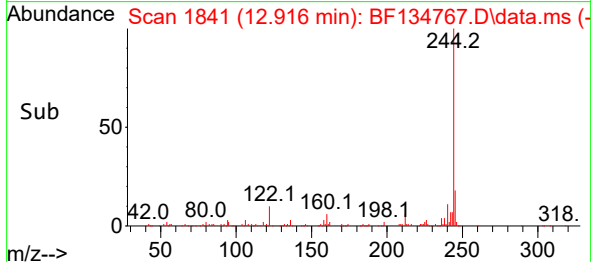
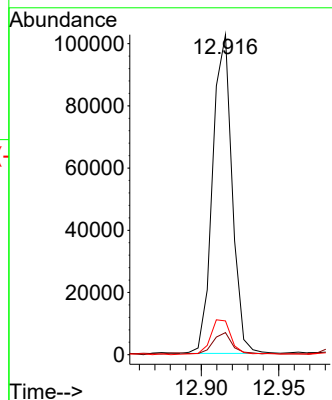
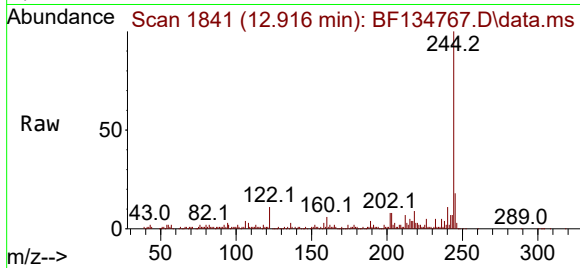




#79
 Terphenyl-d14
 Concen: 6.519 ng
 RT: 12.916 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134767.D
 Acq: 14 Aug 2023 19:18

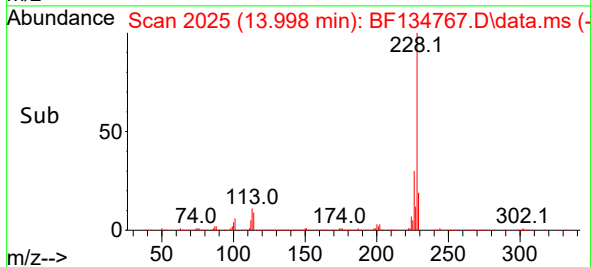
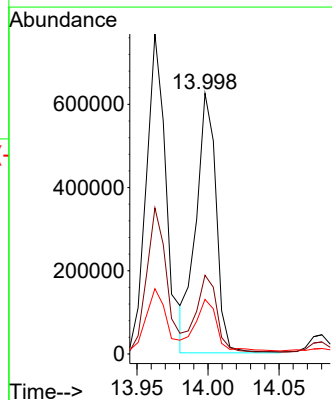
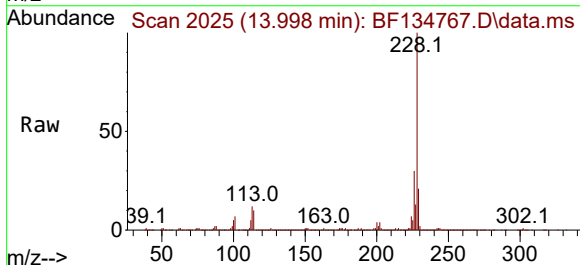
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB03-Z10-12-Q

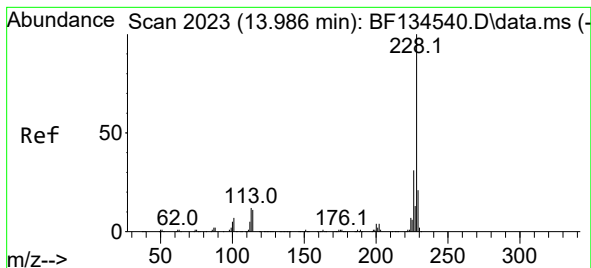
Tgt Ion:244 Resp: 89512
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.5 8.0 12.0



#81
 Benzo(a)anthracene
 Concen: 35.654 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. 0.035 min
 Lab File: BF134767.D
 Acq: 14 Aug 2023 19:18

Tgt Ion:228 Resp: 617065
 Ion Ratio Lower Upper
 228 100
 226 30.2 22.3 33.5
 229 20.9 15.8 23.6





#83

Chrysene

Concen: 36.595 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF134767.D

Acq: 14 Aug 2023 19:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12-Q

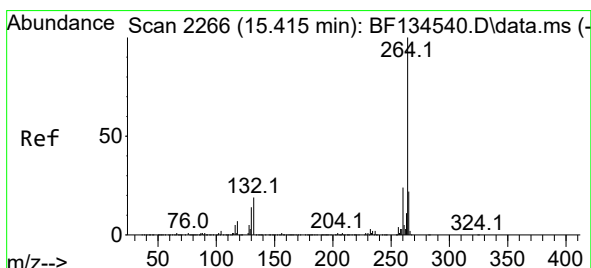
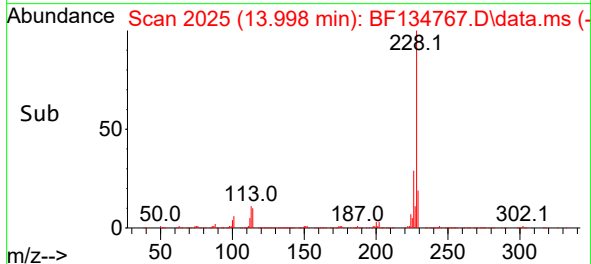
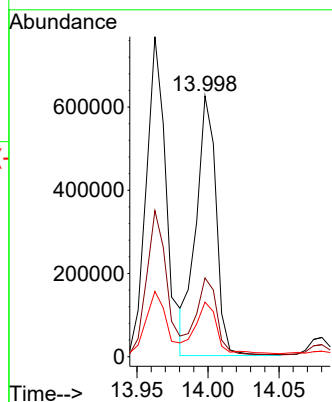
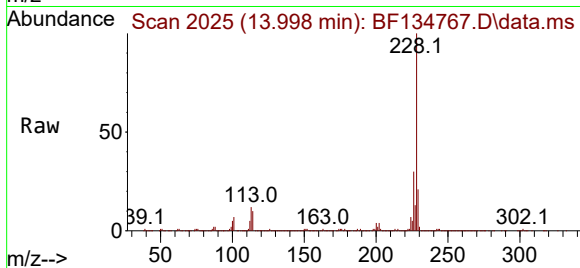
Tgt Ion:228 Resp: 617065

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 20.9 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: BF134767.D

Acq: 14 Aug 2023 19:18

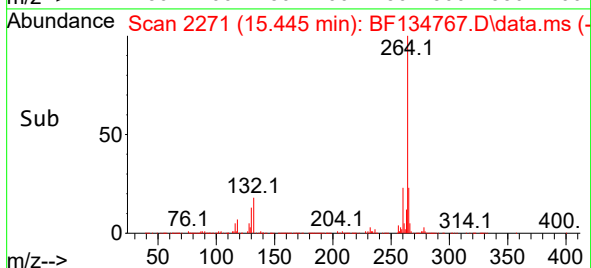
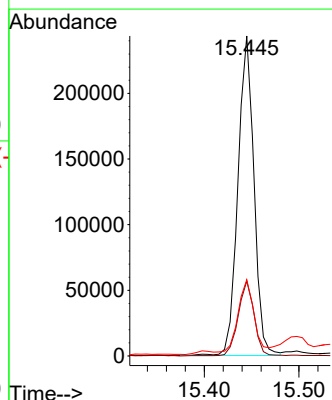
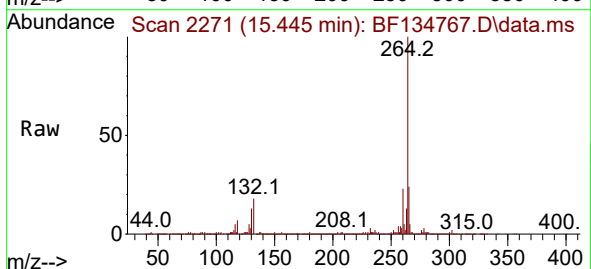
Tgt Ion:264 Resp: 285669

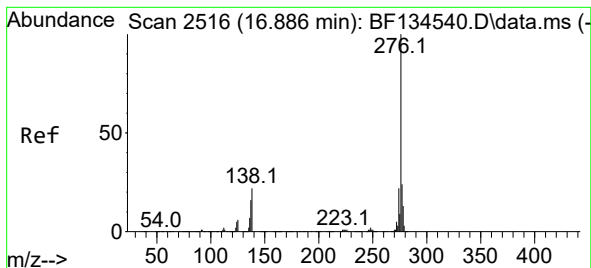
Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 23.9 15.8 23.8#





#87

Indeno(1,2,3-cd)pyrene

Concen: 12.776 ng

RT: 16.933 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF134767.D

Acq: 14 Aug 2023 19:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB03-Z10-12-Q

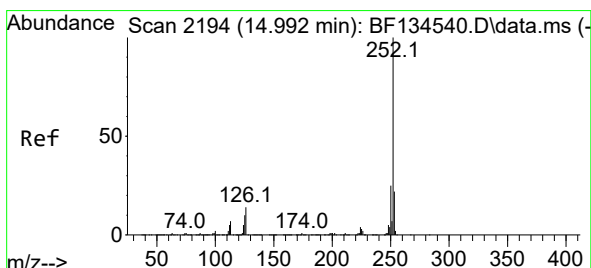
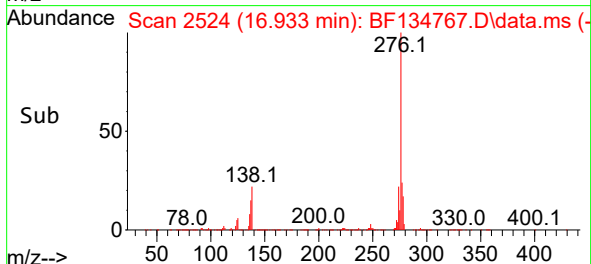
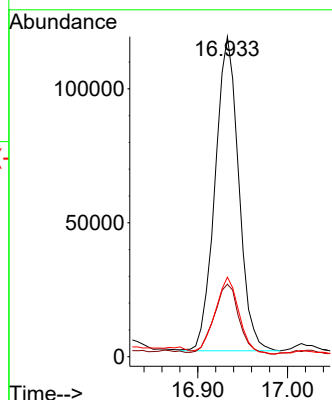
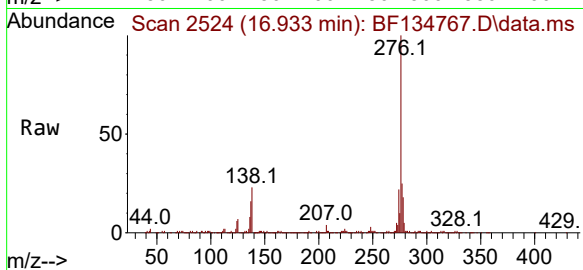
Tgt Ion:276 Resp: 214641

Ion Ratio Lower Upper

276 100

138 23.4 14.2 21.4#

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 38.218 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF134767.D

Acq: 14 Aug 2023 19:18

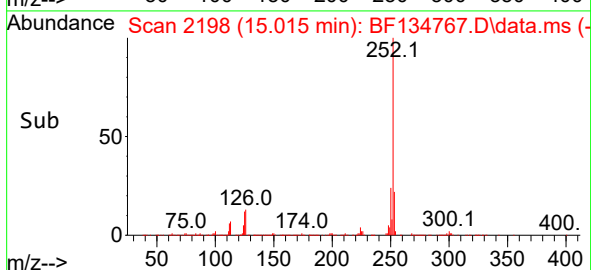
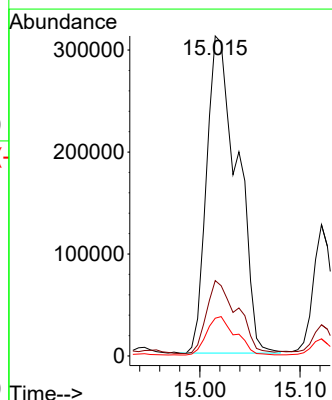
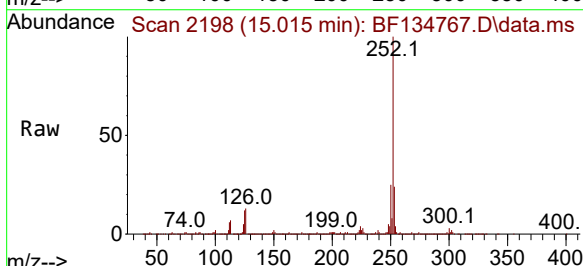
Tgt Ion:252 Resp: 665857

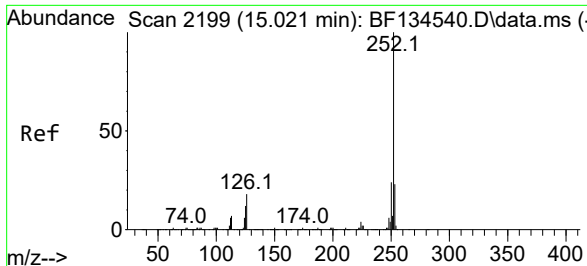
Ion Ratio Lower Upper

252 100

253 23.6 17.3 25.9

125 11.8 6.0 9.0#

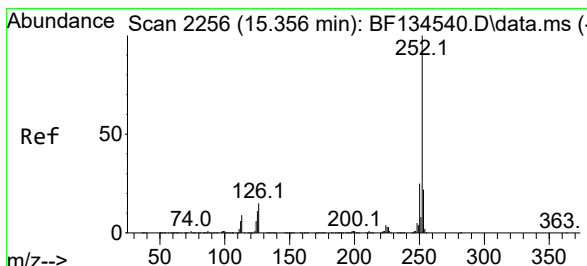
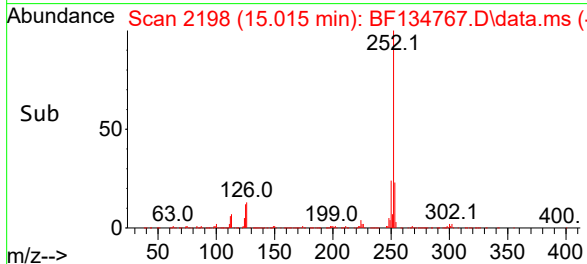
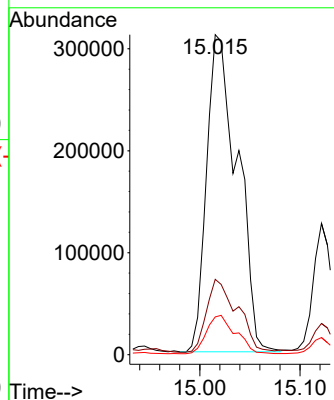
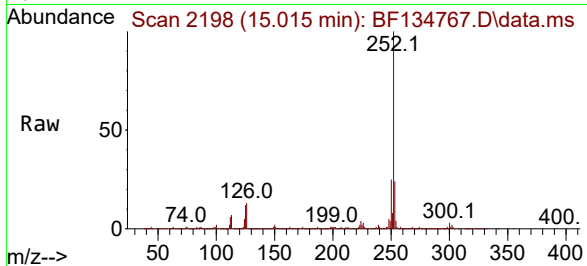




#89
Benzo(k)fluoranthene
Concen: 38.365 ng
RT: 15.015 min Scan# 2199
Delta R.T. -0.023 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

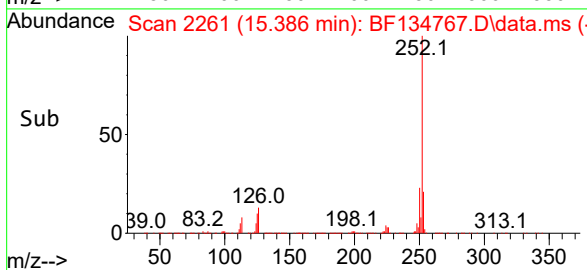
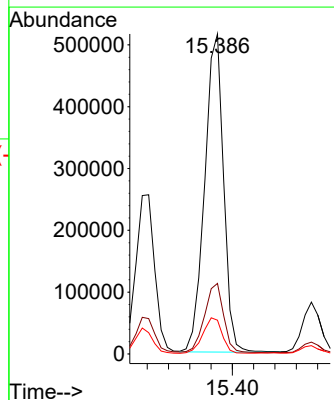
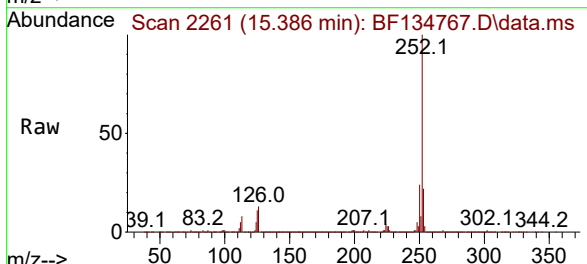
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

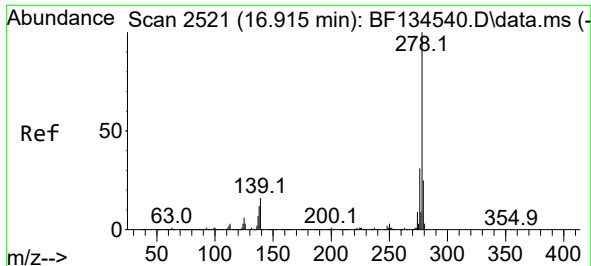
Tgt Ion:252 Resp: 665857
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 11.8 6.3 9.5#



#90
Benzo(a)pyrene
Concen: 39.115 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion:252 Resp: 635404
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 10.6 6.2 9.4#

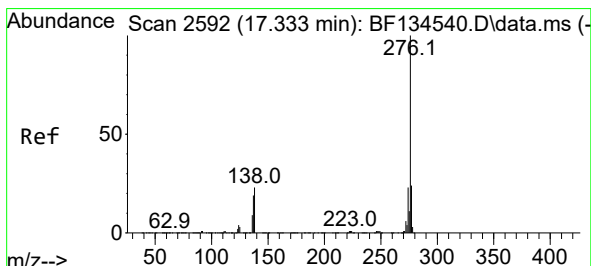
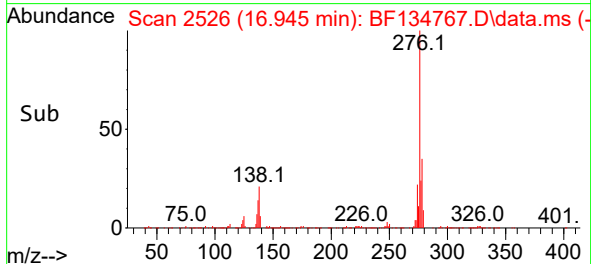
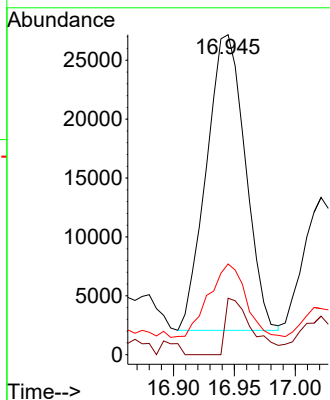
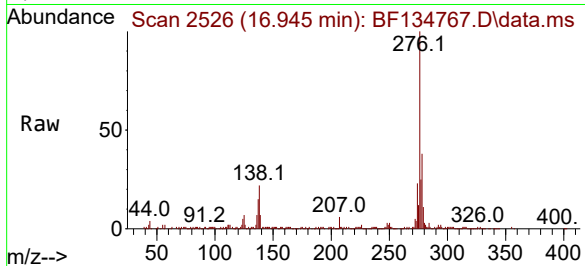




#91
Dibenzo(a,h)anthracene
Concen: 4.110 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

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

Tgt Ion:278 Resp: 55800
Ion Ratio Lower Upper
278 100
139 17.7 10.0 15.0#
279 28.3 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 17.125 ng
RT: 17.386 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BF134767.D
Acq: 14 Aug 2023 19:18

Tgt Ion:276 Resp: 237189
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 23.7 12.2 18.2#

