

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134858.D
 Acq On : 19 Aug 2023 00:48
 Operator : CG\JU
 Sample : 04075-02 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z23-24

Quant Time: Aug 19 01:52:36 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)

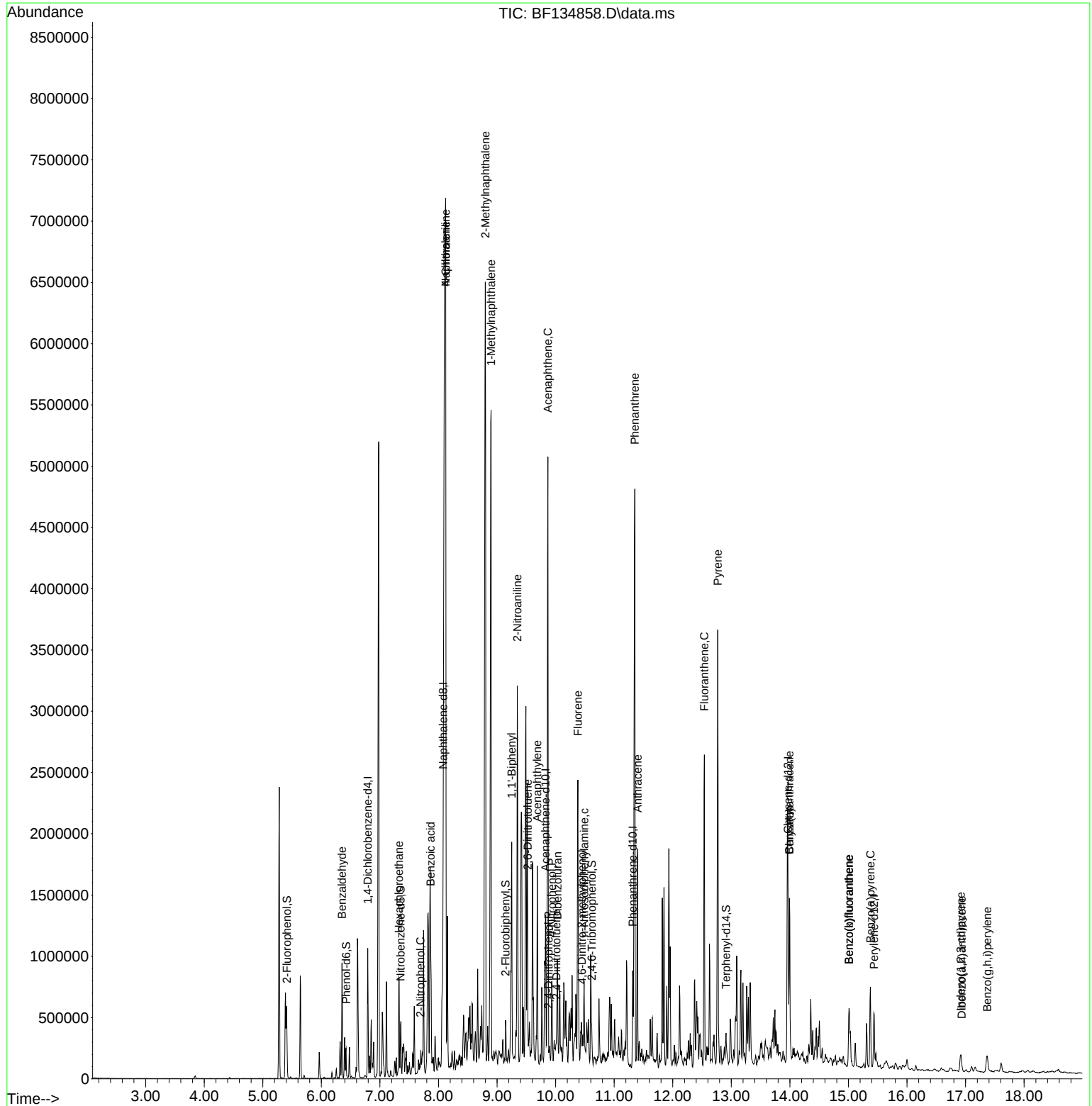
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	140409	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	474620	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	220848	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	321164	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	295917	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	212023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	62321	6.747	ng	-0.02
7) Phenol-d6	6.422	99	80746	6.839	ng	-0.02
23) Nitrobenzene-d5	7.351	82	45416	5.980	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	11669	5.183	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	86750	6.531	ng	-0.02
79) Terphenyl-d14	12.910	244	74070	4.413	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.351	77	32521	3.376	ng	# 1
18) Hexachloroethane	7.322	117	47902	14.126	ng	# 1
26) 2-Nitrophenol	7.692	139	382	4.891	ng	# 1
31) Naphthalene	8.122	128	7156229	300.007	ng	96
32) Benzoic acid	7.863	122	2021	8.218	ng	# 1
33) 4-Chloroaniline	8.122	127	1036187	97.492	ng	# 35
37) 2-Methylnaphthalene	8.798	142	2518475	159.286	ng	98
38) 1-Methylnaphthalene	8.898	142	1746715	118.804	ng	97
46) 1,1'-Biphenyl	9.251	154	524868	30.562	ng	99
48) 2-Nitroaniline	9.345	65	14716	6.592	ng	# 33
49) Acenaphthylene	9.686	152	267356	13.217	ng	# 87
51) 2,6-Dinitrotoluene	9.522	165	8741	5.182	ng	# 43
52) Acenaphthene	9.869	154	1132891	86.424	ng	99
54) 2,4-Dinitrophenol	9.881	184	397	7.214	ng	# 1
55) Dibenzofuran	10.034	168	106972	5.733	ng	# 87
56) 4-Nitrophenol	9.934	139	12344	4.499	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	11030	5.636	ng	# 47
58) Fluorene	10.381	166	653701	48.094	ng	95
65) 4,6-Dinitro-2-methylph...	10.445	198	319	8.900	ng	# 1
66) n-Nitrosodiphenylamine	10.486	169	21706	2.123	ng	# 1
71) Phenanthrene	11.351	178	2080104	121.936	ng	100
72) Anthracene	11.398	178	701951	40.285	ng	99
75) Fluoranthene	12.539	202	996280	55.289	ng	98
78) Pyrene	12.769	202	1532366	59.844	ng	97
81) Benzo(a)anthracene	13.992	228	530945	25.093	ng	95
83) Chrysene	13.992	228	530945	25.755	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	100576	8.066	ng	# 94
88) Benzo(b)fluoranthene	15.010	252	390810	30.223	ng	# 93
89) Benzo(k)fluoranthene	15.010	252	390810	30.339	ng	# 95
90) Benzo(a)pyrene	15.374	252	329175	27.302	ng	# 97
91) Dibenzo(a,h)anthracene	16.933	278	26431	2.623	ng	94
92) Benzo(g,h,i)perylene	17.368	276	116937	11.376	ng	# 95

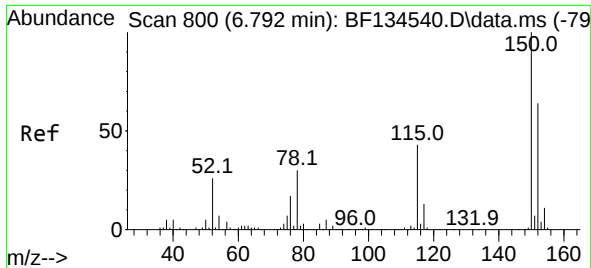
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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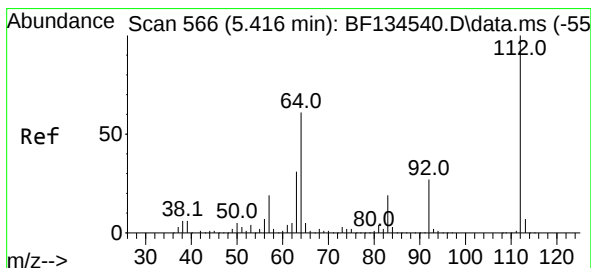
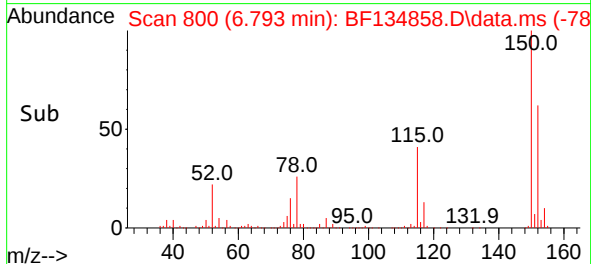
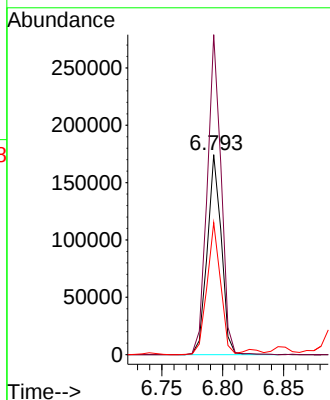
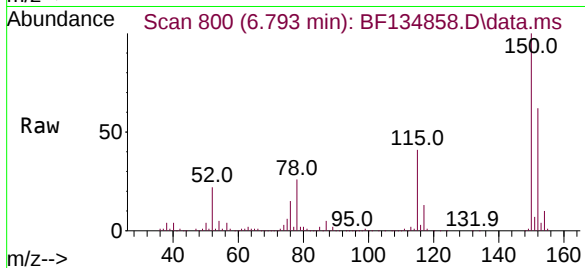




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

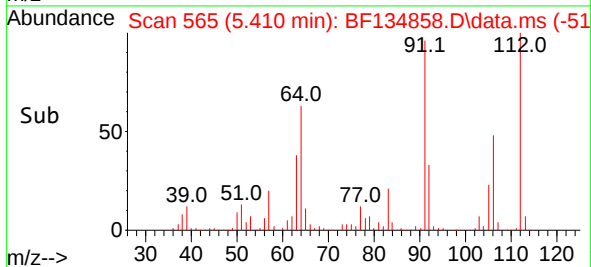
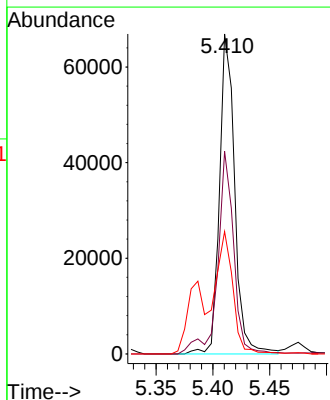
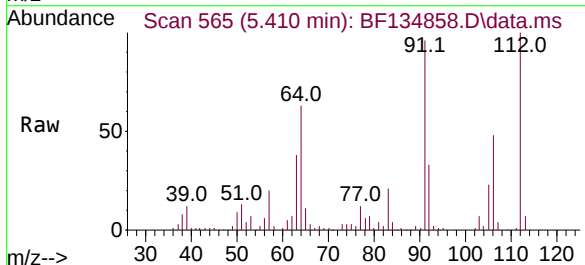
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z23-24

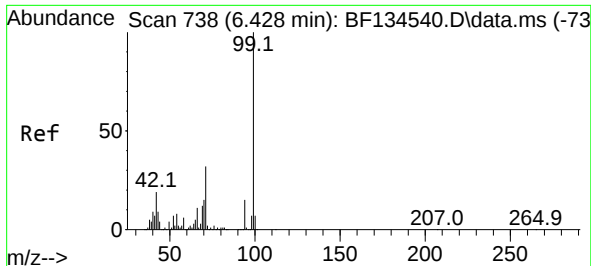
Tgt Ion:152 Resp: 140409
Ion Ratio Lower Upper
152 100
150 160.0 128.3 192.5
115 65.9 52.4 78.6



#5
2-Fluorophenol
Concen: 6.747 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.018 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

Tgt Ion:112 Resp: 62321
Ion Ratio Lower Upper
112 100
64 63.3 44.9 67.3
63 38.2 25.4 38.0#





#7

Phenol-d6

Concen: 6.839 ng

RT: 6.422 min Scan# 738

Delta R.T. -0.017 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z23-24

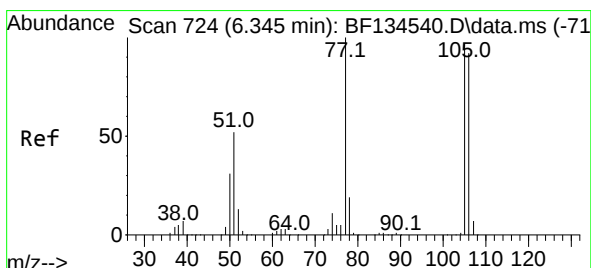
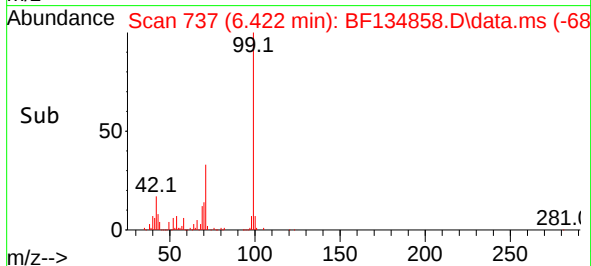
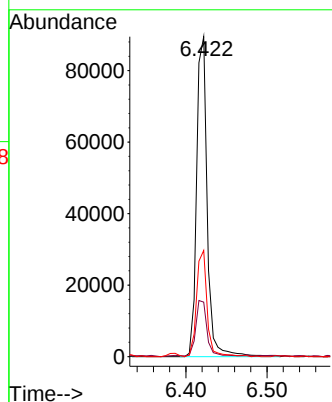
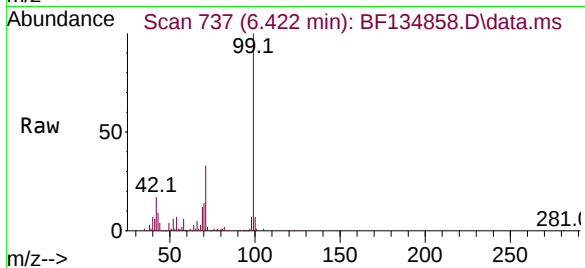
Tgt Ion: 99 Resp: 80746

Ion Ratio Lower Upper

99 100

42 17.0 18.7 28.1#

71 33.2 36.4 54.6#



#9

Benzaldehyde

Concen: 3.376 ng

RT: 6.351 min Scan# 725

Delta R.T. -0.006 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

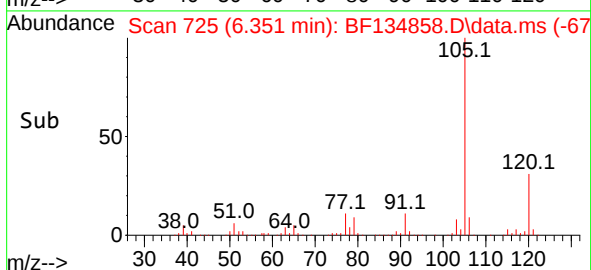
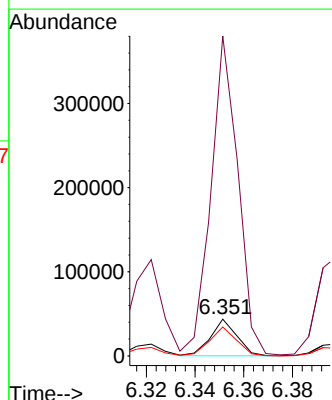
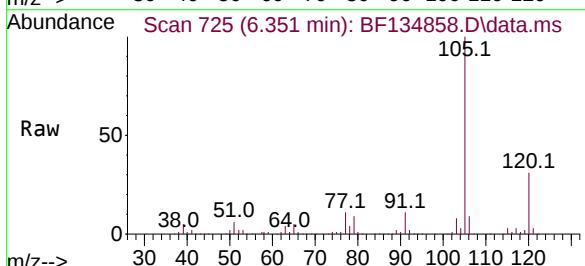
Tgt Ion: 77 Resp: 32521

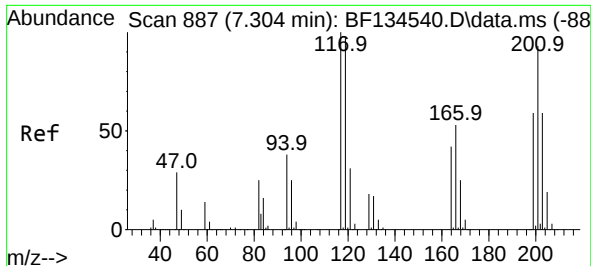
Ion Ratio Lower Upper

77 100

105 872.2 77.1 117.1#

106 78.7 71.4 111.4

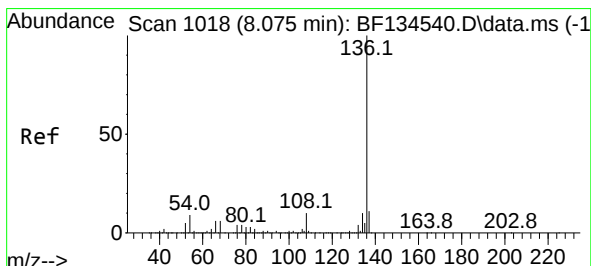
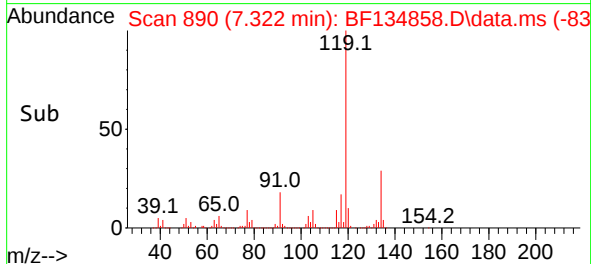
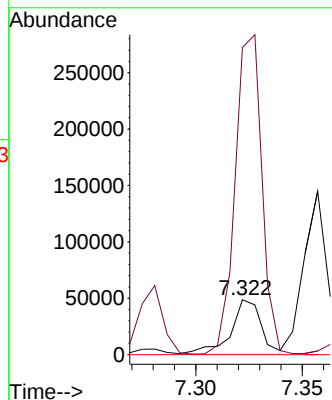
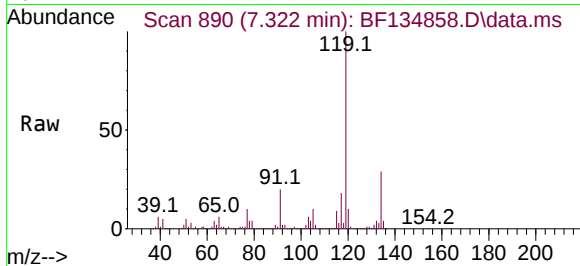




#18
Hexachloroethane
Concen: 14.126 ng
RT: 7.322 min Scan# 89
Delta R.T. 0.012 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

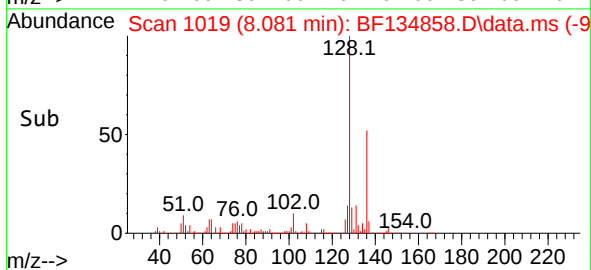
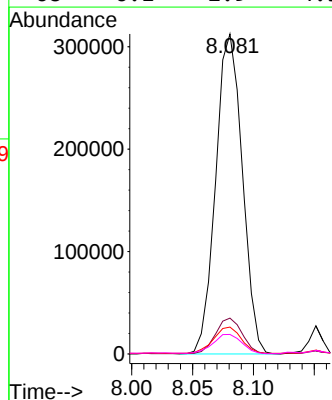
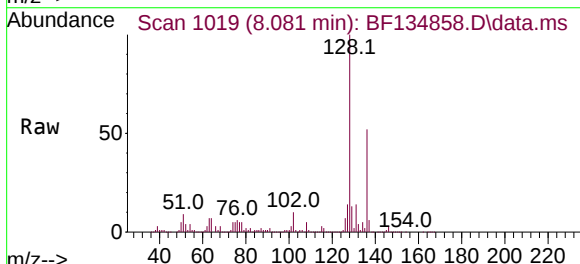
Instrument :
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ClientSampleId :
NEVINS-SB04-Z23-24

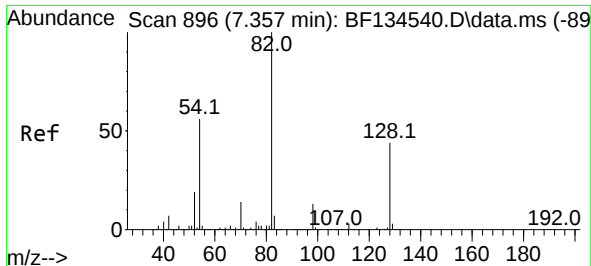
Tgt Ion:117 Resp: 47902
Ion Ratio Lower Upper
117 100
119 560.5 75.8 113.8#
201 0.0 73.6 110.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

Tgt Ion:136 Resp: 474620
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.4 5.2 7.8#
68 6.1 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 5.980 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z23-24

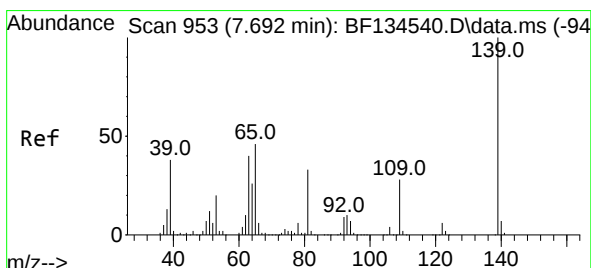
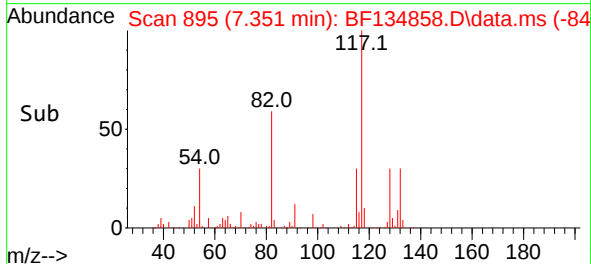
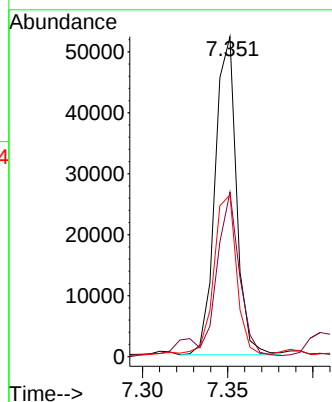
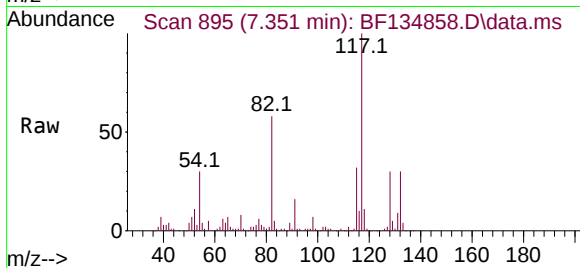
Tgt Ion: 82 Resp: 45416

Ion Ratio Lower Upper

82 100

128 51.4 34.3 51.5

54 50.5 43.8 65.6



#26

2-Nitrophenol

Concen: 4.891 ng

RT: 7.692 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

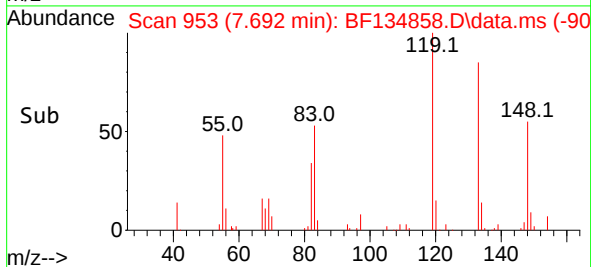
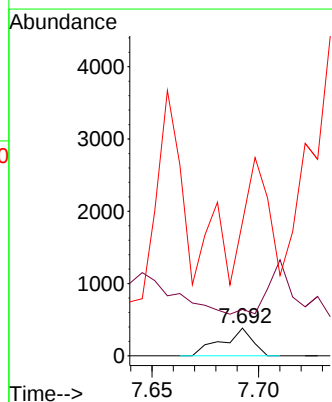
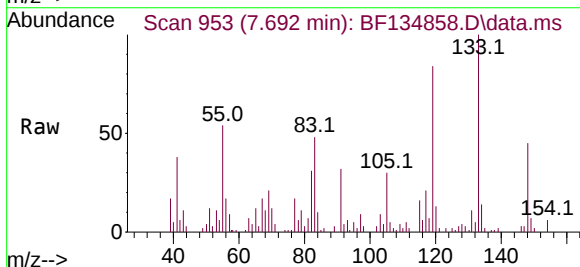
Tgt Ion: 139 Resp: 382

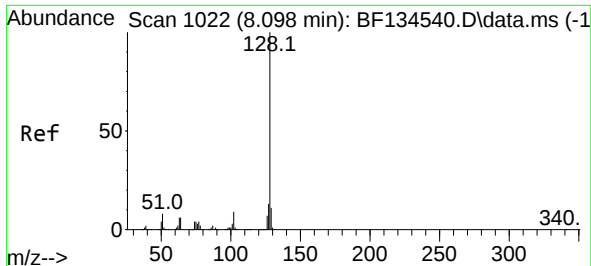
Ion Ratio Lower Upper

139 100

109 167.6 29.8 44.6#

65 482.8 45.4 68.2#

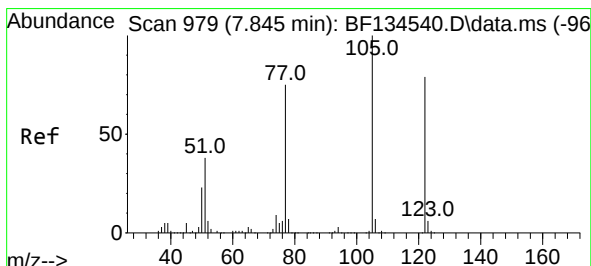
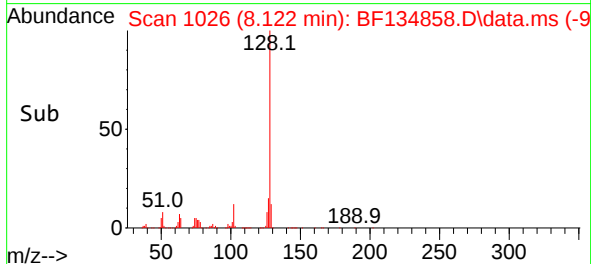
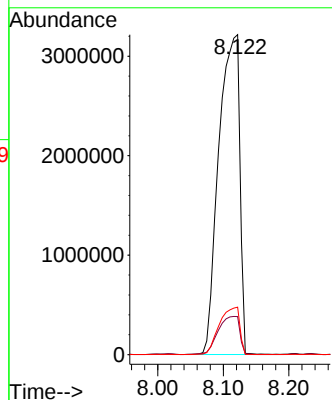
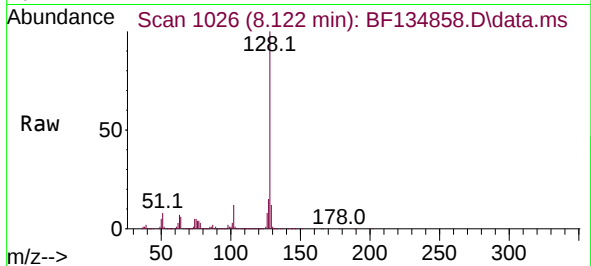




#31
Naphthalene
Concen: 300.007 ng
RT: 8.122 min Scan# 10
Delta R.T. 0.018 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

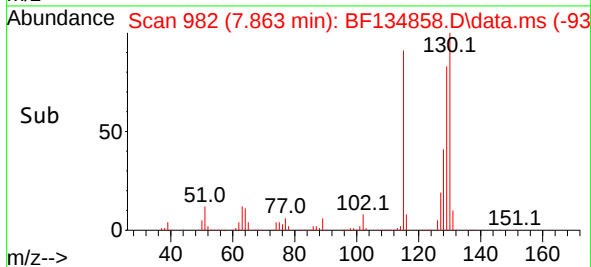
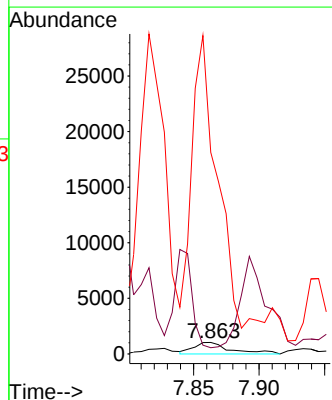
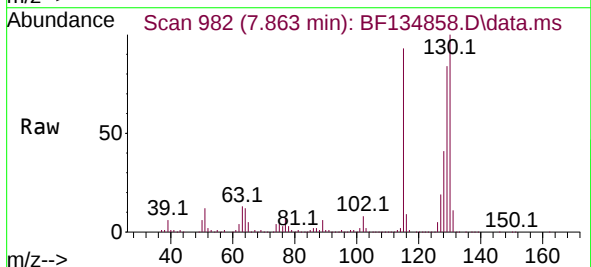
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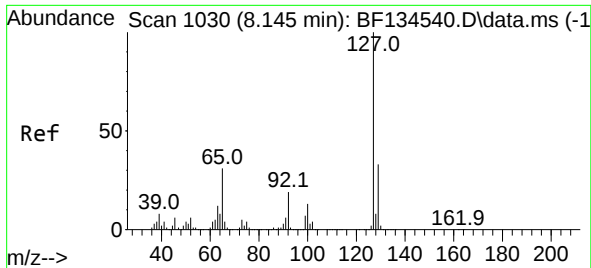
Tgt Ion:128 Resp: 7156229
Ion Ratio Lower Upper
128 100
129 11.9 8.4 12.6
127 14.8 10.7 16.1



#32
Benzoic acid
Concen: 8.218 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

Tgt Ion:122 Resp: 2021
Ion Ratio Lower Upper
122 100
105 53.5 87.5 127.5#
77 1766.9 71.4 111.4#

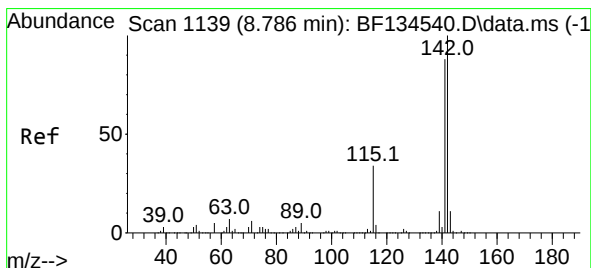
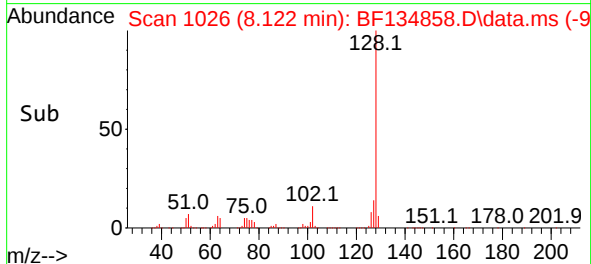
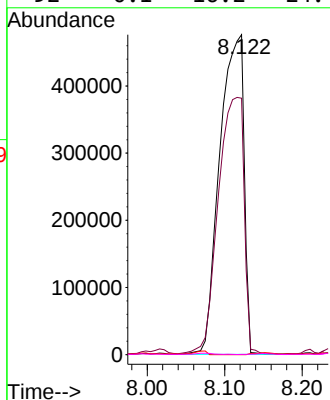
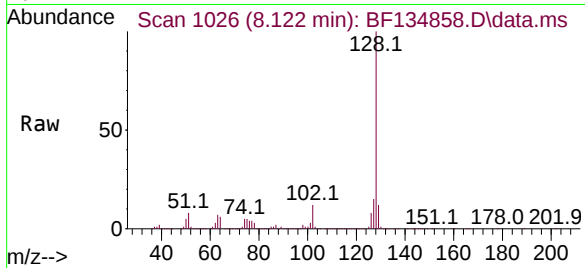




#33
4-Chloroaniline
Concen: 97.492 ng
RT: 8.122 min Scan# 10
Delta R.T. -0.029 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

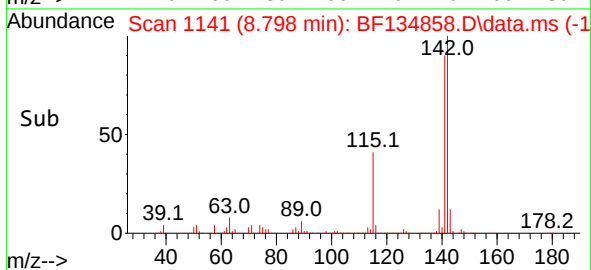
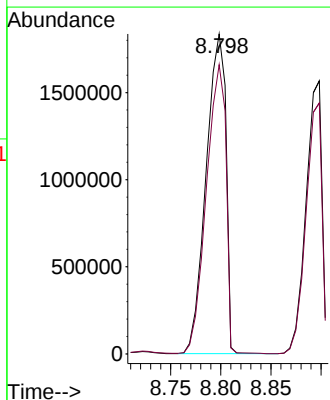
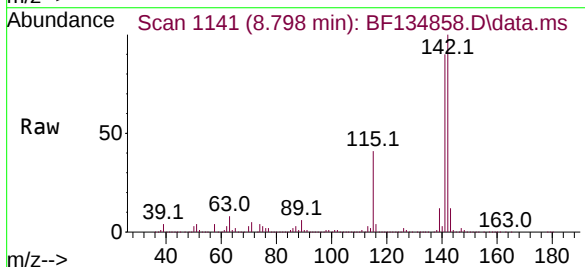
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z23-24

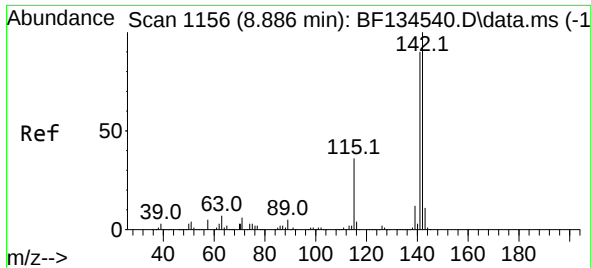
Tgt Ion:127 Resp: 1036187
Ion Ratio Lower Upper
127 100
129 80.1 25.6 38.4#
65 0.0 25.4 38.0#
92 0.1 16.2 24.4#



#37
2-Methylnaphthalene
Concen: 159.286 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

Tgt Ion:142 Resp: 2518475
Ion Ratio Lower Upper
142 100
141 90.4 70.8 106.2

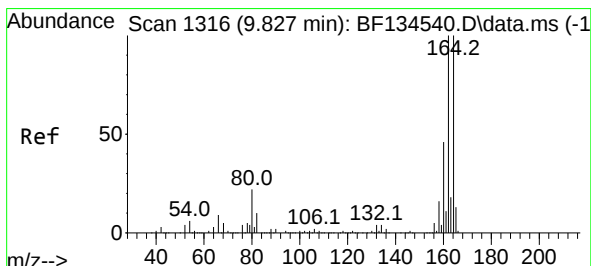
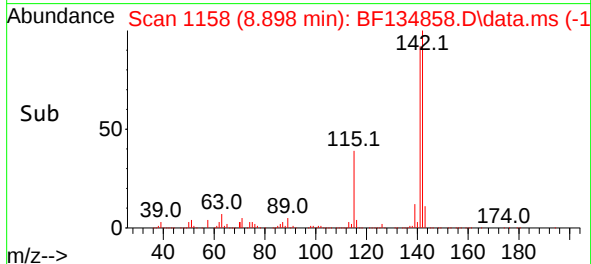
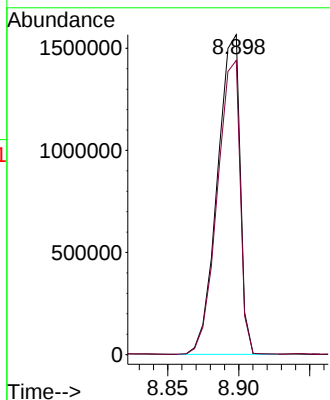
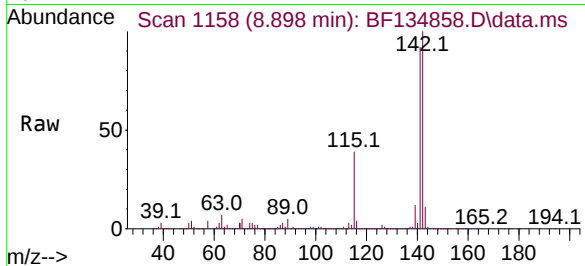




#38
1-Methylnaphthalene
Concen: 118.804 ng
RT: 8.898 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

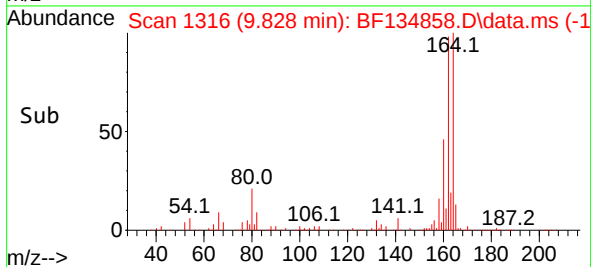
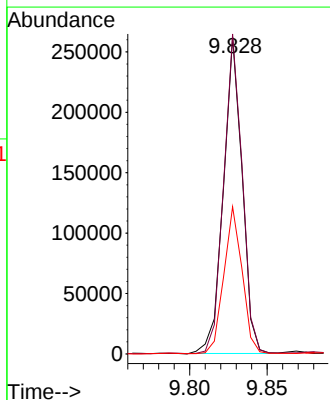
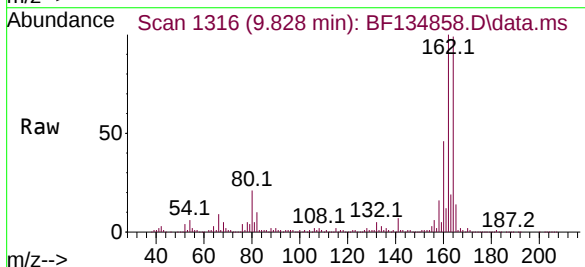
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z23-24

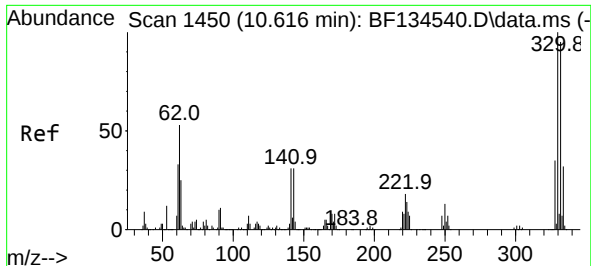
Tgt Ion:142 Resp: 1746715
Ion Ratio Lower Upper
142 100
141 91.9 71.4 107.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

Tgt Ion:164 Resp: 220848
Ion Ratio Lower Upper
164 100
162 101.0 82.6 123.8
160 46.4 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 5.183 ng

RT: 10.616 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z23-24

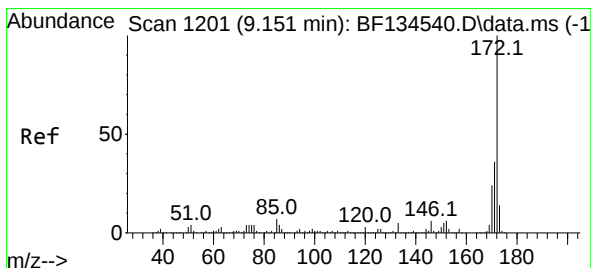
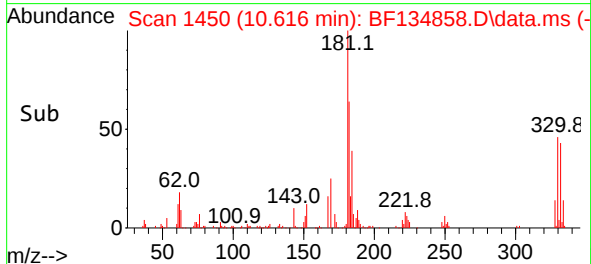
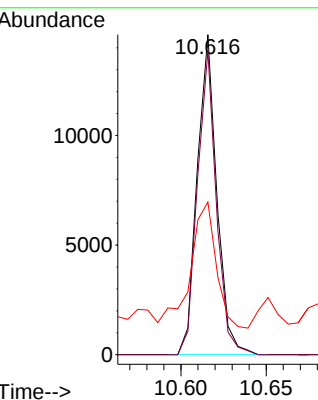
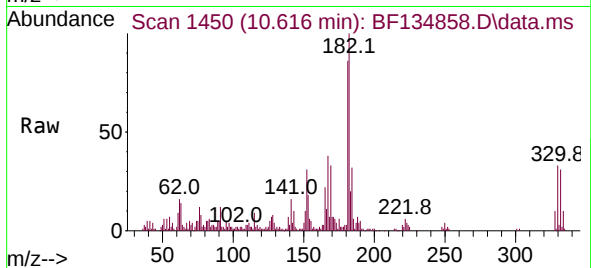
Tgt Ion:330 Resp: 11669

Ion Ratio Lower Upper

330 100

332 91.8 78.8 118.2

141 51.5 25.4 38.2#



#45

2-Fluorobiphenyl

Concen: 6.531 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

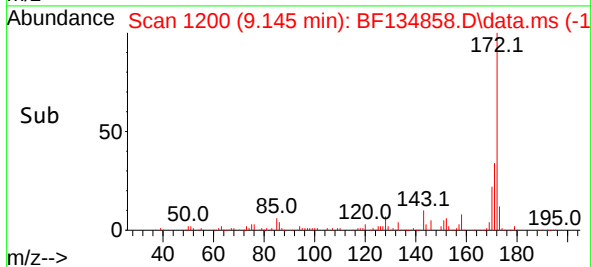
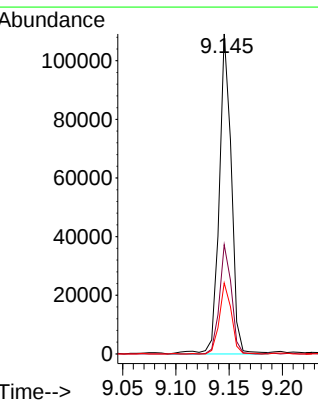
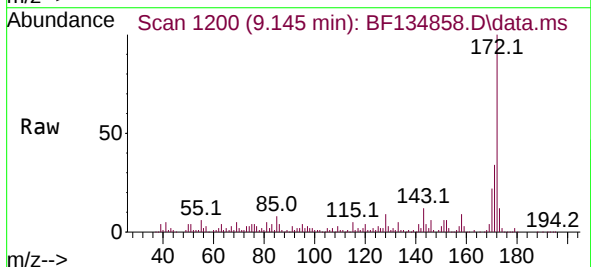
Tgt Ion:172 Resp: 86750

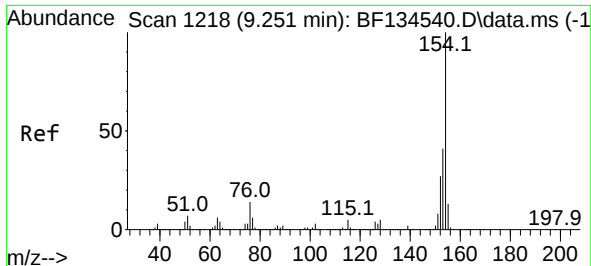
Ion Ratio Lower Upper

172 100

171 34.1 28.8 43.2

170 22.2 18.7 28.1

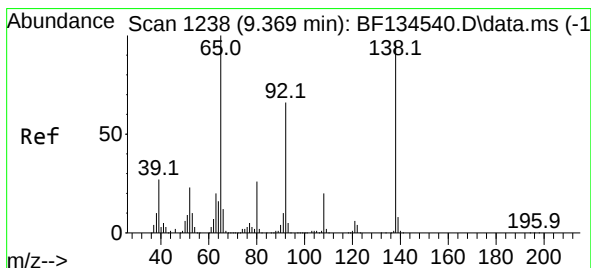
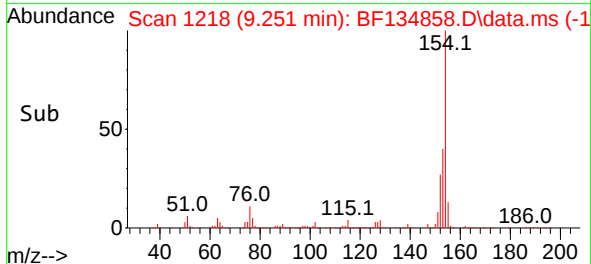
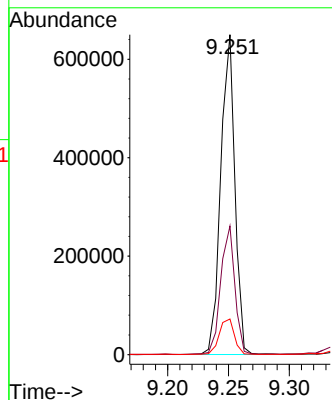
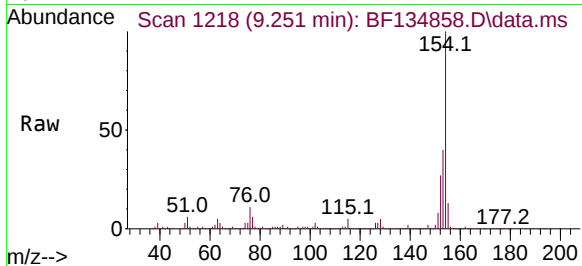




#46
1,1'-Biphenyl
Concen: 30.562 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

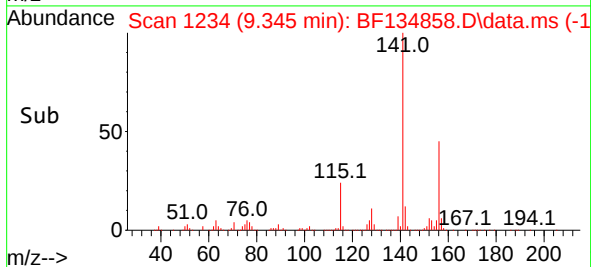
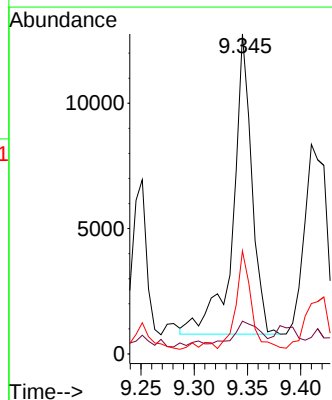
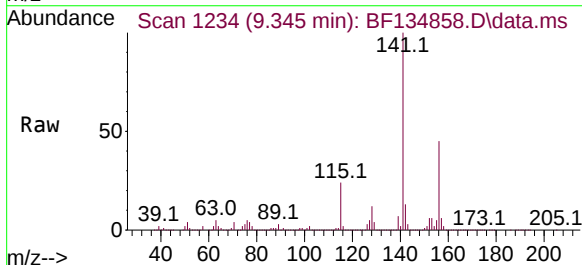
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z23-24

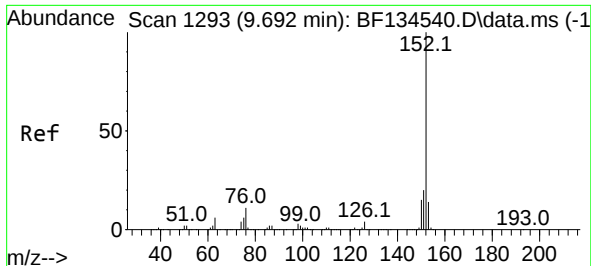
Tgt Ion:154 Resp: 524868
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 11.1 0.0 30.2



#48
2-Nitroaniline
Concen: 6.592 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.035 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

Tgt Ion: 65 Resp: 14716
Ion Ratio Lower Upper
65 100
92 10.2 50.7 76.1#
138 32.2 78.2 117.4#

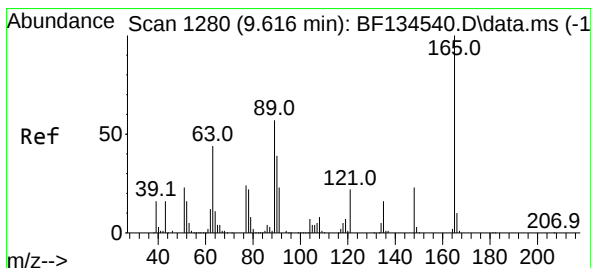
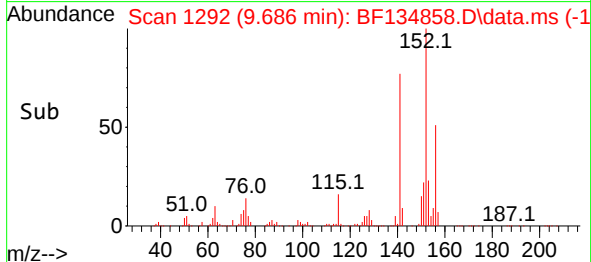
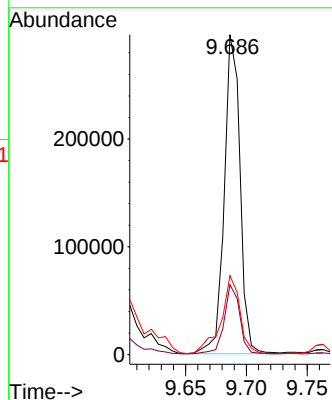
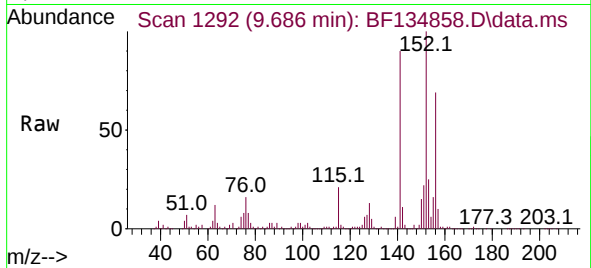




#49
Acenaphthylene
Concen: 13.217 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

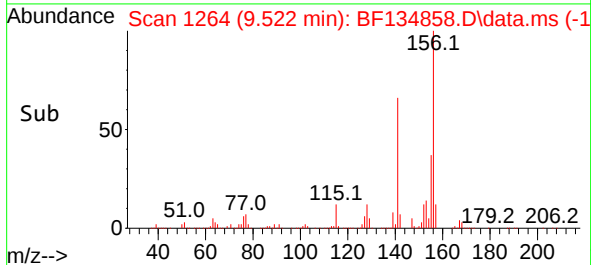
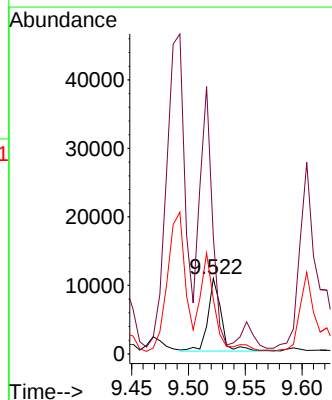
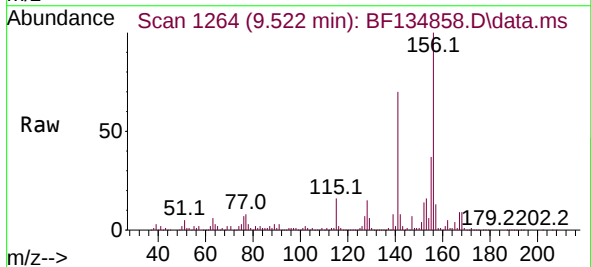
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z23-24

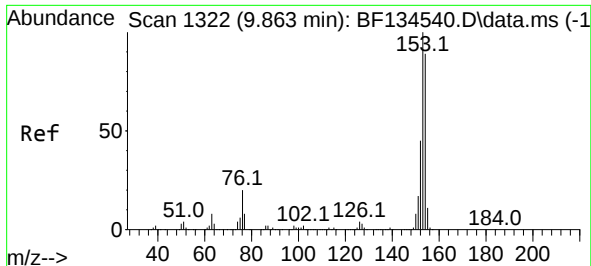
Tgt Ion:152 Resp: 267356
Ion Ratio Lower Upper
152 100
151 21.8 16.4 24.6
153 24.7 10.9 16.3#



#51
2,6-Dinitrotoluene
Concen: 5.182 ng
RT: 9.522 min Scan# 1264
Delta R.T. -0.106 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

Tgt Ion:165 Resp: 8741
Ion Ratio Lower Upper
165 100
63 155.2 57.8 86.6#
89 72.6 51.8 77.8

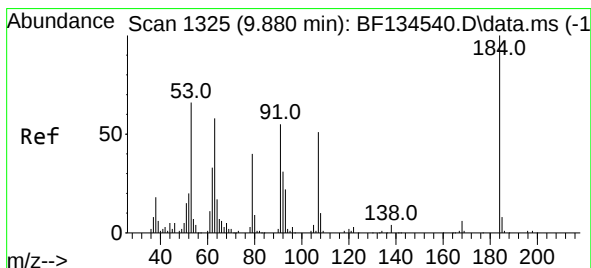
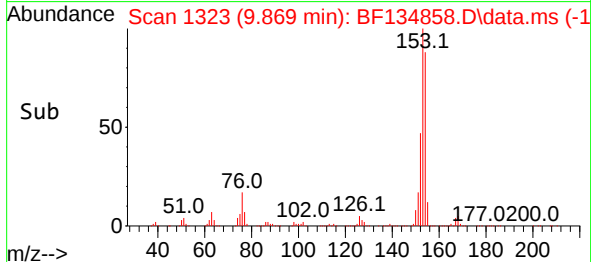
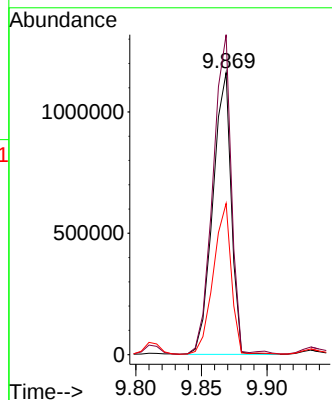
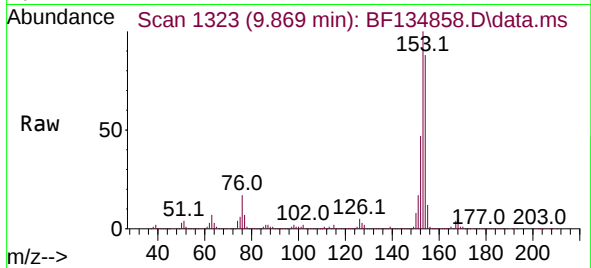




#52
Acenaphthene
Concen: 86.424 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

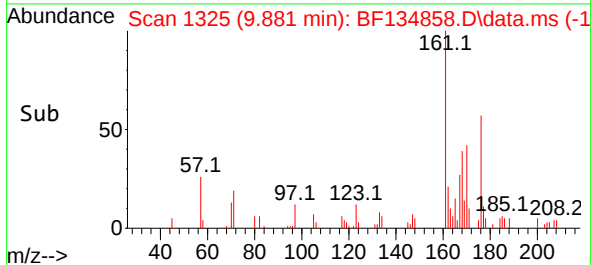
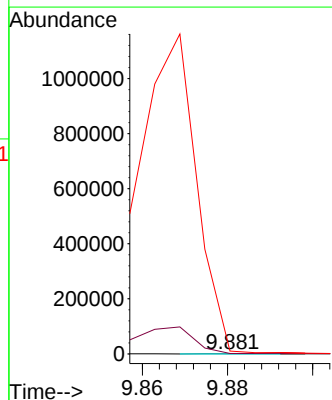
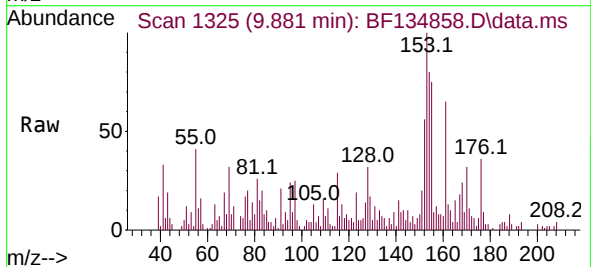
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z23-24

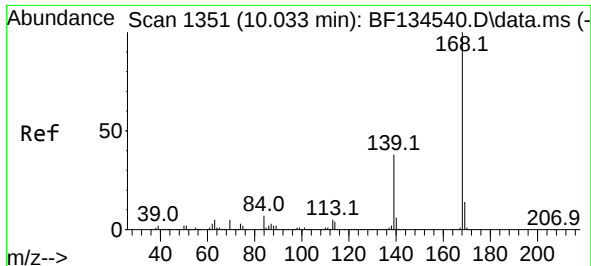
Tgt Ion:154 Resp: 1132891
Ion Ratio Lower Upper
154 100
153 113.5 90.0 135.0
152 53.6 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 7.214 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

Tgt Ion:184 Resp: 397
Ion Ratio Lower Upper
184 100
63 431.8 57.1 85.7#
154 2617.9 59.1 88.7#

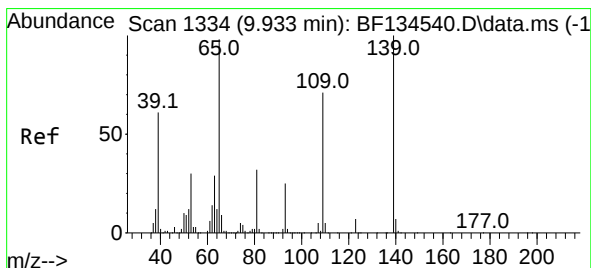
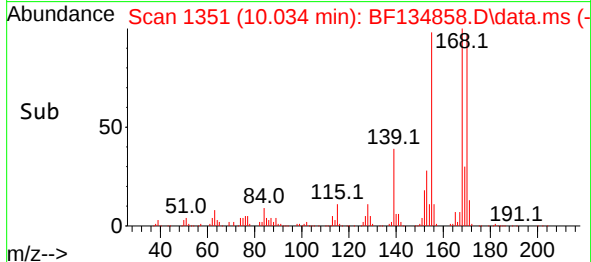
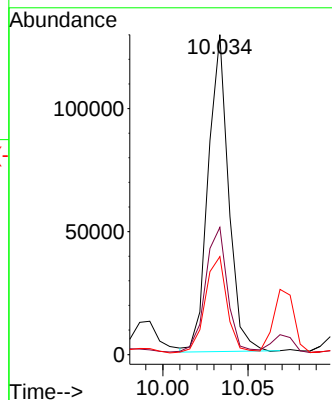
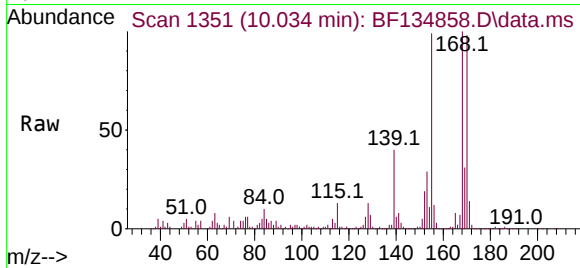




#55
Dibenzofuran
Concen: 5.733 ng
RT: 10.034 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

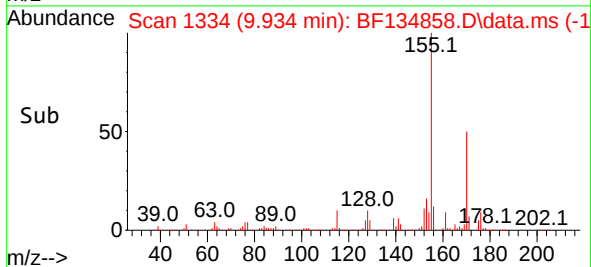
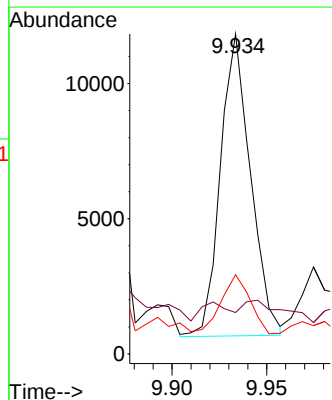
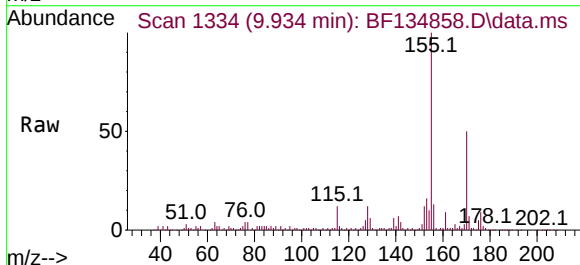
Instrument : BNA_F
ClientSampleId : NEVINS-SB04-Z23-24

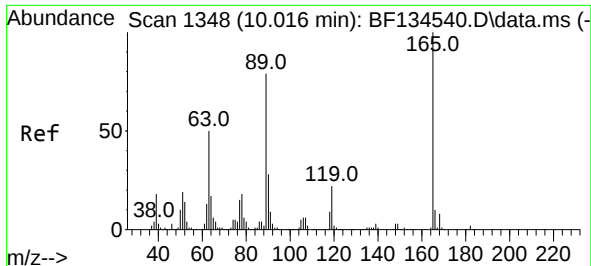
Tgt Ion:168 Resp: 106972
Ion Ratio Lower Upper
168 100
139 39.8 33.4 50.2
169 30.6 10.6 15.8#



#56
4-Nitrophenol
Concen: 4.499 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.018 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

Tgt Ion:139 Resp: 12344
Ion Ratio Lower Upper
139 100
109 12.9 76.9 116.9#
65 24.7 98.5 138.5#

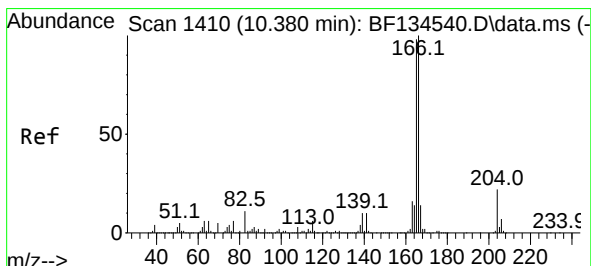
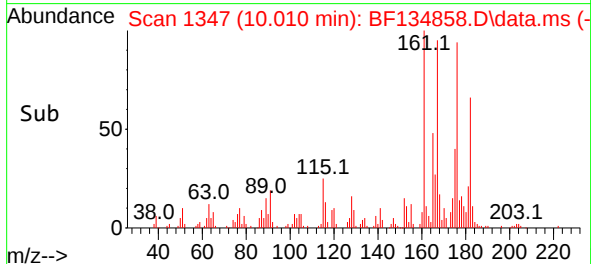
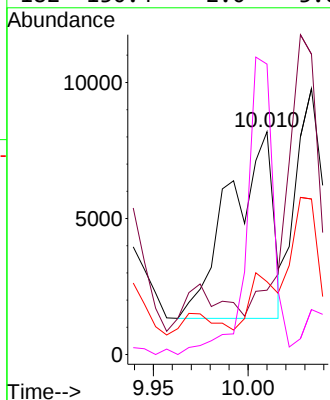
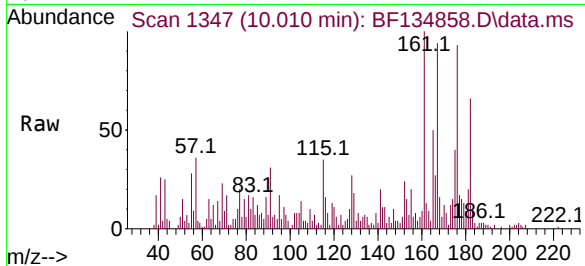




#57
2,4-Dinitrotoluene
Concen: 5.636 ng
RT: 10.010 min Scan# 1348
Delta R.T. -0.018 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

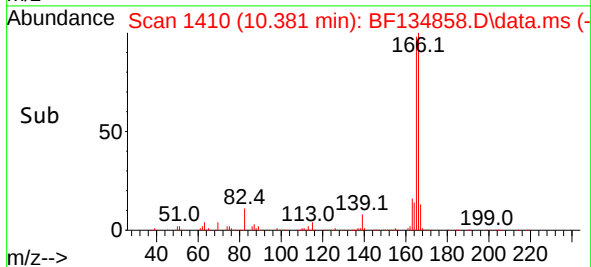
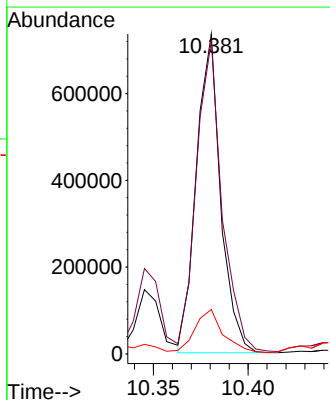
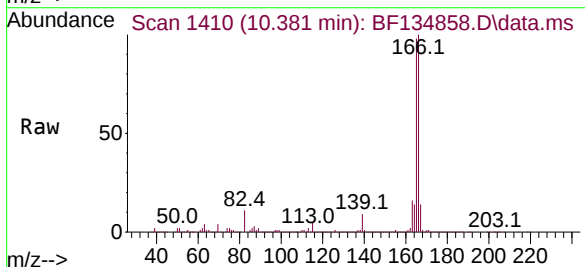
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z23-24

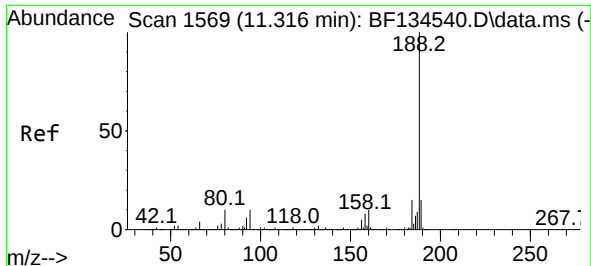
Tgt Ion:165 Resp: 11030
Ion Ratio Lower Upper
165 100
63 28.9 48.9 73.3#
89 32.7 61.7 92.5#
182 130.4 2.0 3.0#



#58
Fluorene
Concen: 48.094 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

Tgt Ion:166 Resp: 653701
Ion Ratio Lower Upper
166 100
165 97.9 74.5 111.7
167 13.9 10.6 16.0

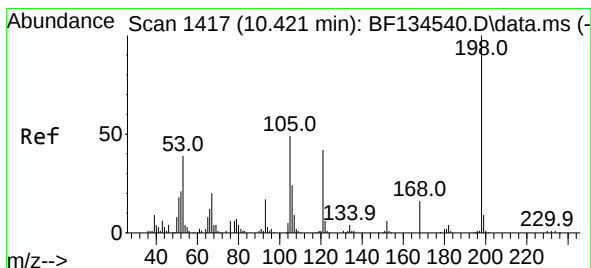
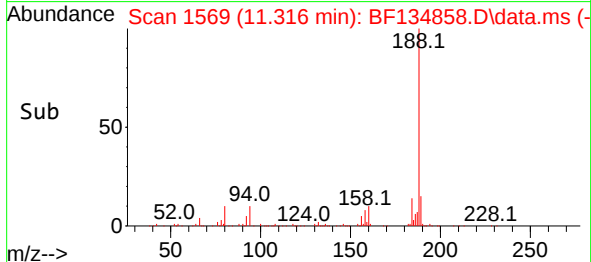
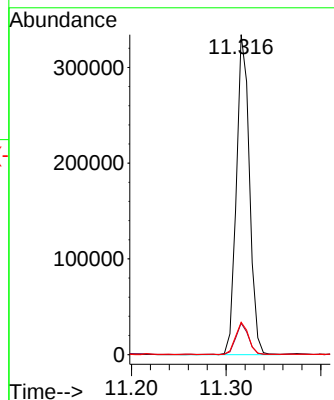
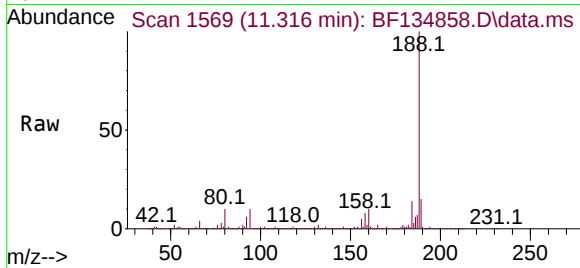




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

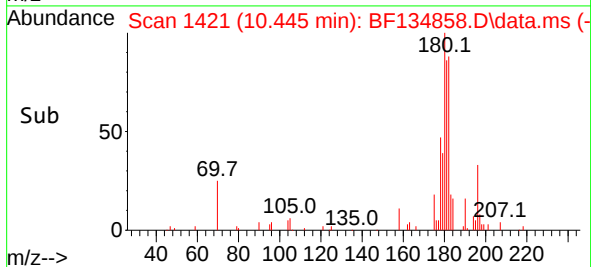
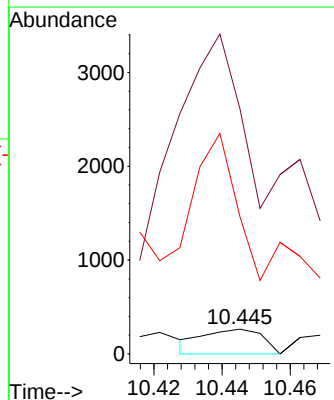
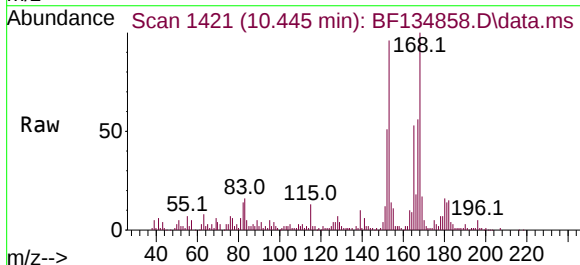
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z23-24

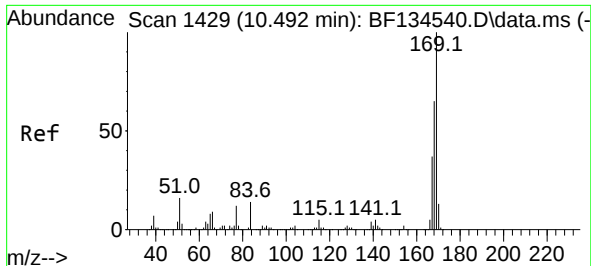
Tgt Ion:188 Resp: 321164
Ion Ratio Lower Upper
188 100
94 9.8 5.1 7.7#
80 10.2 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.900 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

Tgt Ion:198 Resp: 319
Ion Ratio Lower Upper
198 100
51 988.3 38.6 78.6#
105 552.7 27.9 67.9#

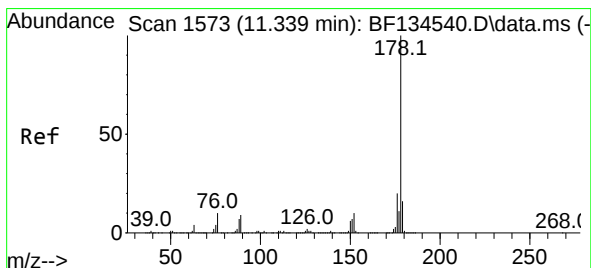
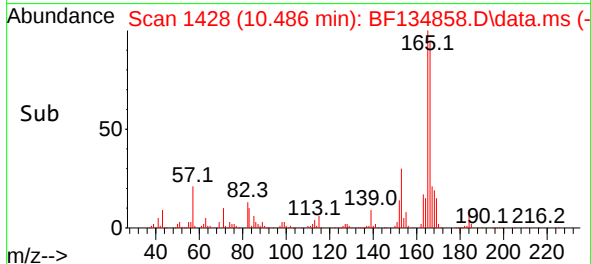
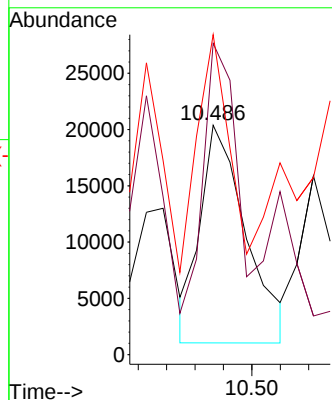
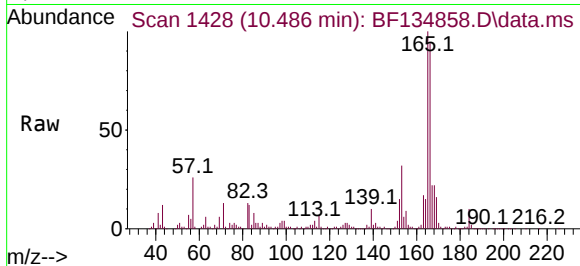




#66
n-Nitrosodiphenylamine
Concen: 2.123 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

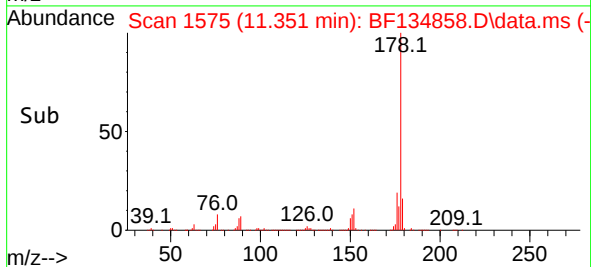
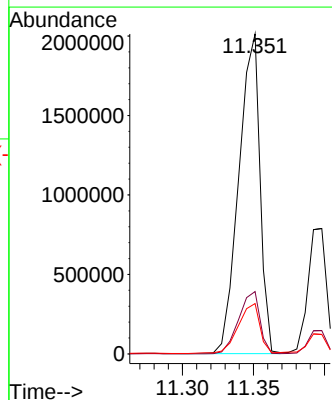
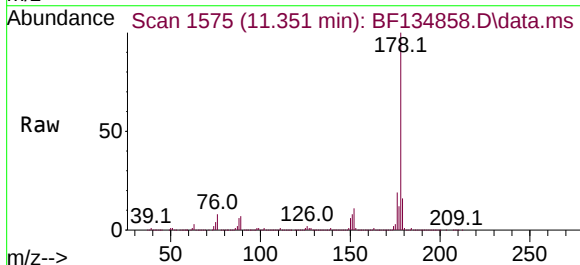
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z23-24

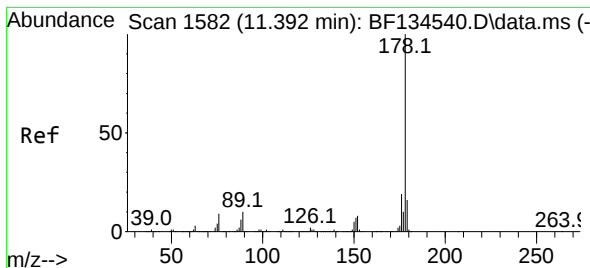
Tgt Ion:169 Resp: 21706
Ion Ratio Lower Upper
169 100
168 135.8 52.6 78.8#
167 139.5 29.8 44.8#



#71
Phenanthrene
Concen: 121.936 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF134858.D
Acq: 19 Aug 2023 00:48

Tgt Ion:178 Resp: 2080104
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.7 12.7 19.1





#72

Anthracene

Concen: 40.285 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z23-24

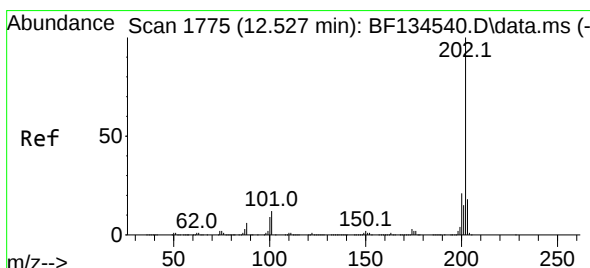
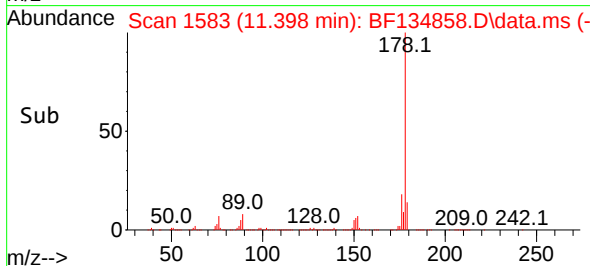
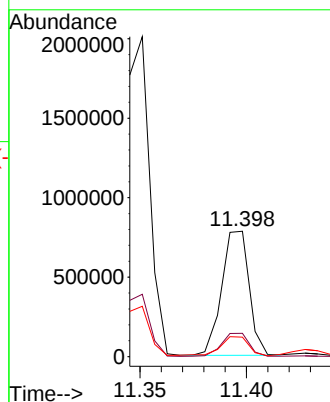
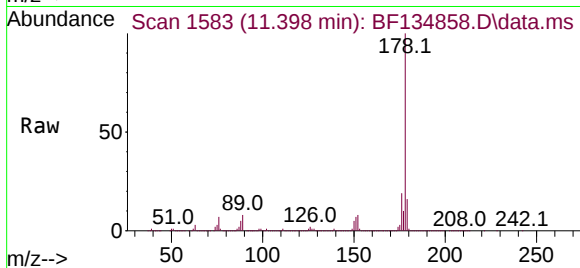
Tgt Ion:178 Resp: 701951

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

179 15.5 12.3 18.5



#75

Fluoranthene

Concen: 55.289 ng

RT: 12.539 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

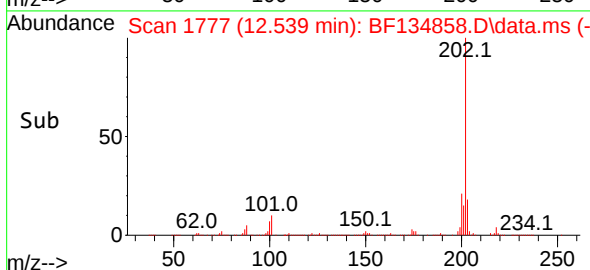
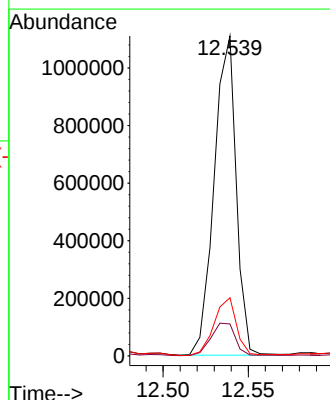
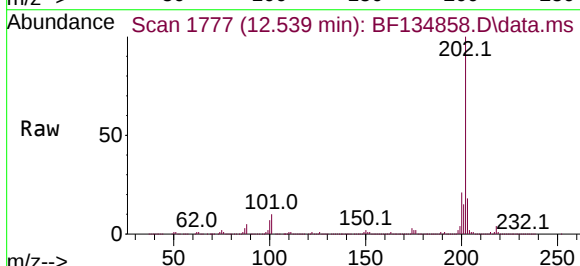
Tgt Ion:202 Resp: 996280

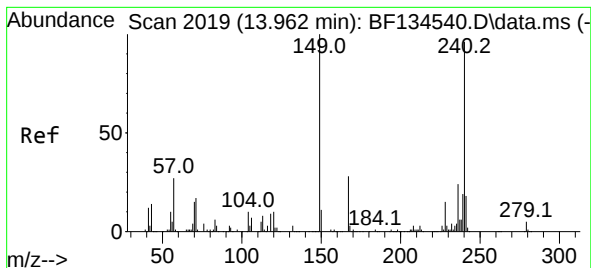
Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.5

203 18.2 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z23-24

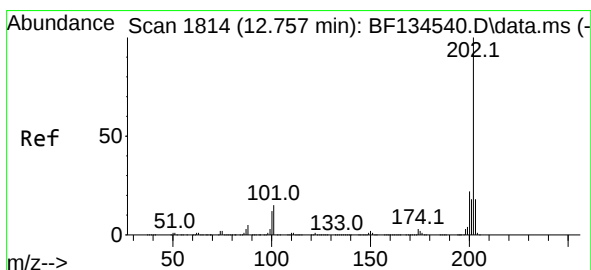
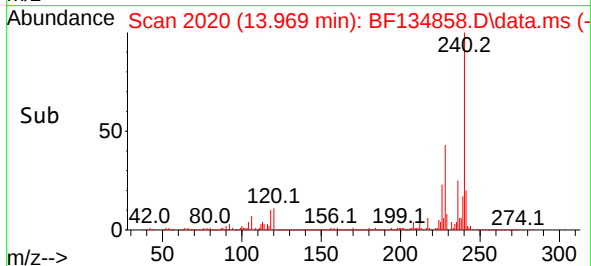
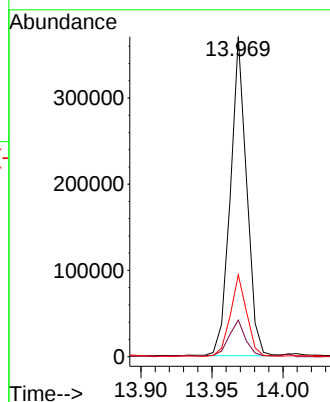
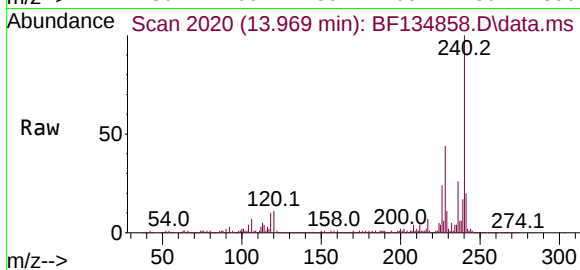
Tgt Ion:240 Resp: 295917

Ion Ratio Lower Upper

240 100

120 11.4 6.6 10.0#

236 25.6 20.2 30.2



#78

Pyrene

Concen: 59.844 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

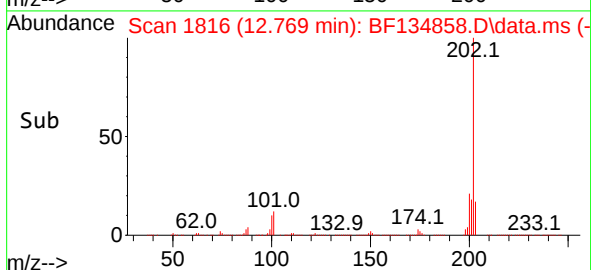
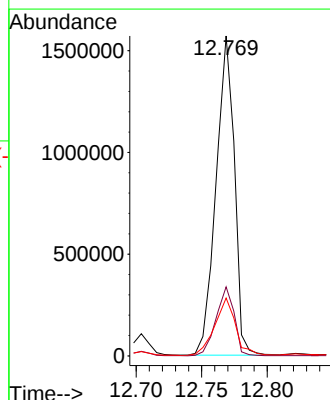
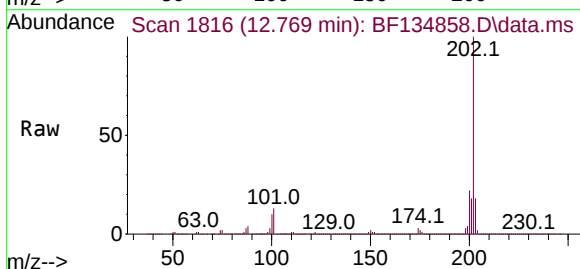
Tgt Ion:202 Resp: 1532366

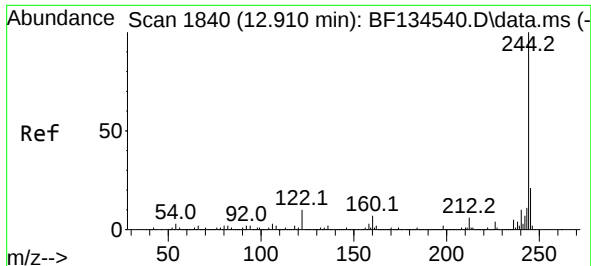
Ion Ratio Lower Upper

202 100

200 21.6 15.8 23.8

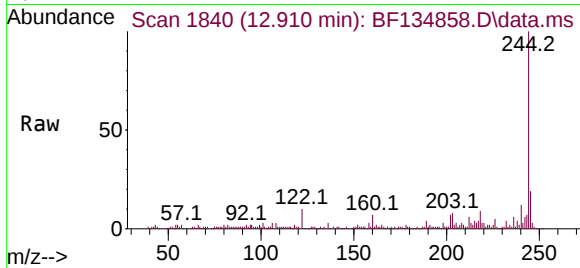
203 18.1 13.5 20.3



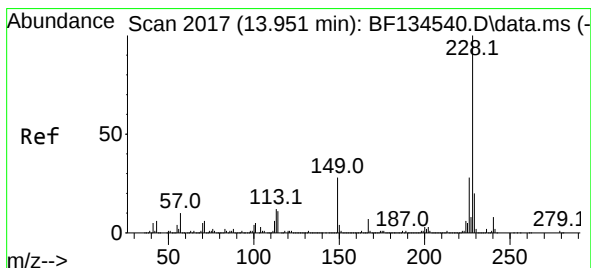
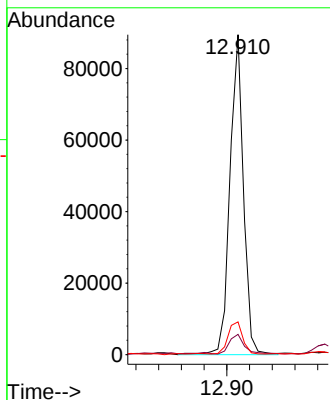
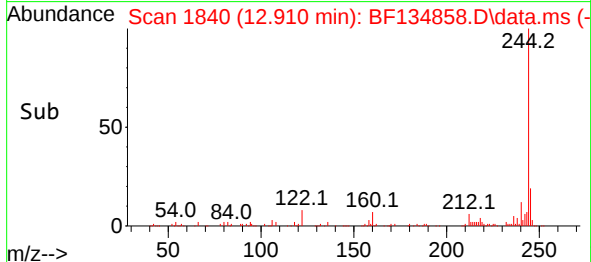


#79
 Terphenyl-d14
 Concen: 4.413 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134858.D
 Acq: 19 Aug 2023 00:48

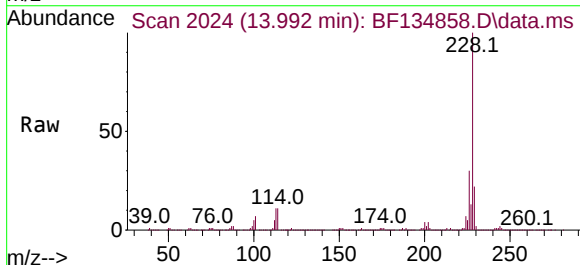
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z23-24



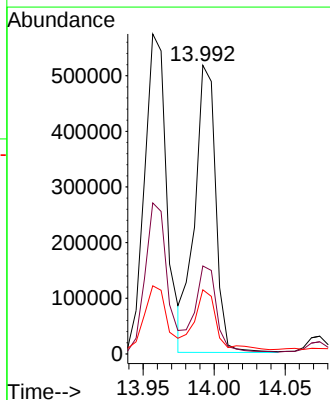
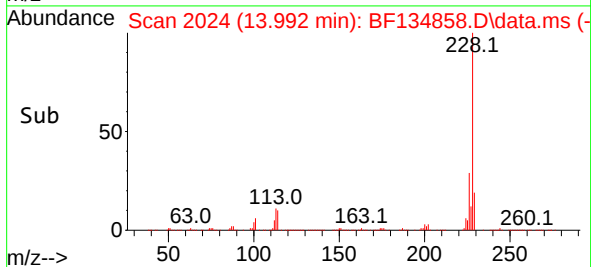
Tgt Ion:244 Resp: 74070
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 10.2 8.0 12.0

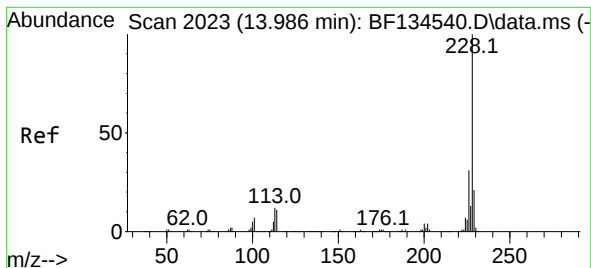


#81
 Benzo(a)anthracene
 Concen: 25.093 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. 0.030 min
 Lab File: BF134858.D
 Acq: 19 Aug 2023 00:48



Tgt Ion:228 Resp: 530945
 Ion Ratio Lower Upper
 228 100
 226 30.5 22.3 33.5
 229 22.2 15.8 23.6





#83

Chrysene

Concen: 25.755 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z23-24

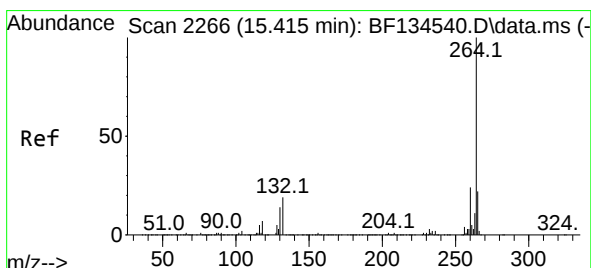
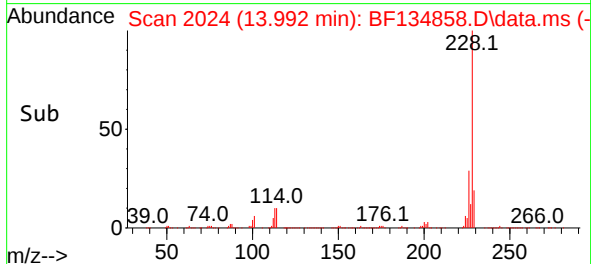
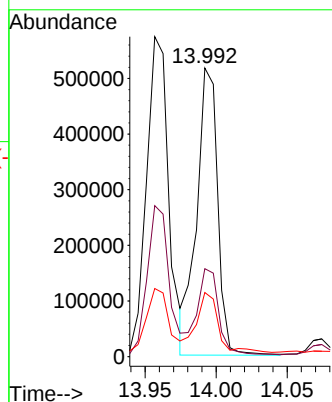
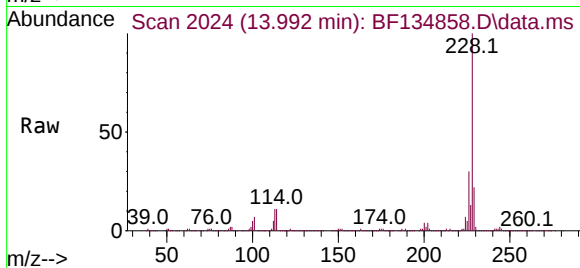
Tgt Ion:228 Resp: 530945

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 22.2 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

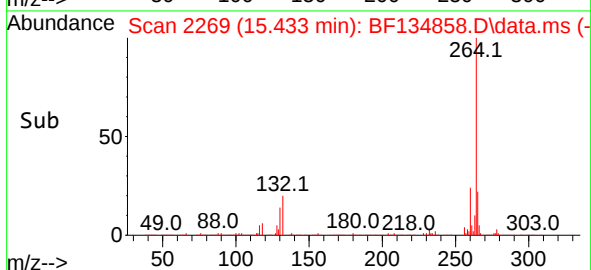
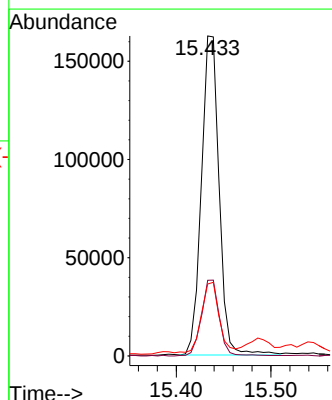
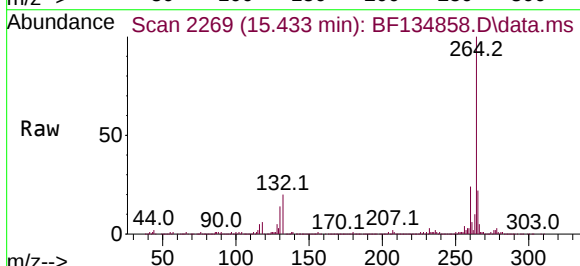
Tgt Ion:264 Resp: 212023

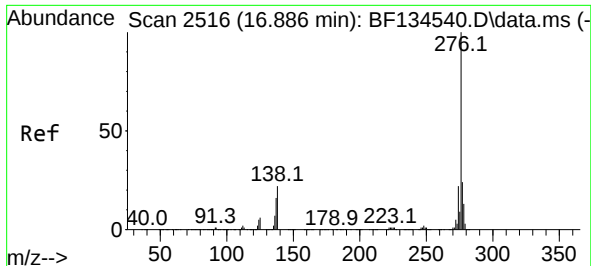
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 22.5 15.8 23.8

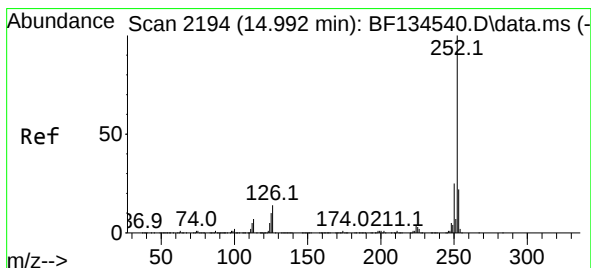
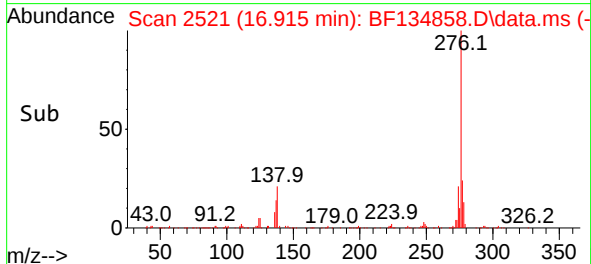
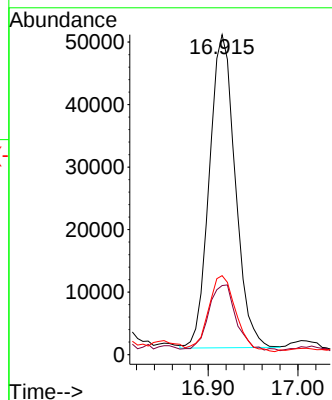
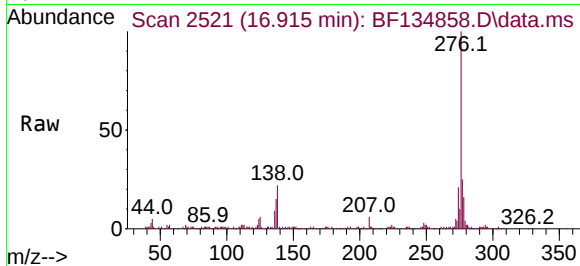




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.066 ng
 RT: 16.915 min Scan# 2197
 Delta R.T. -0.012 min
 Lab File: BF134858.D
 Acq: 19 Aug 2023 00:48

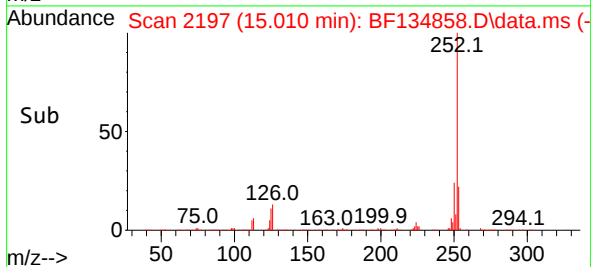
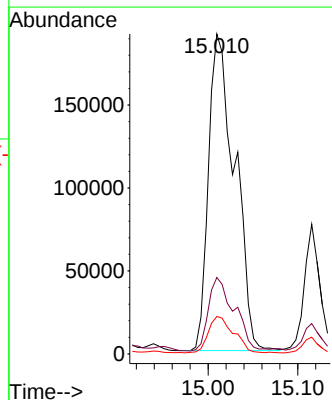
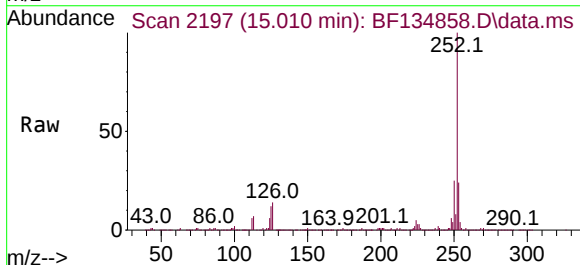
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z23-24

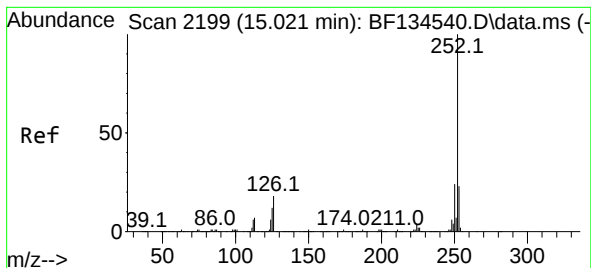
Tgt Ion:276 Resp: 100576
 Ion Ratio Lower Upper
 276 100
 138 22.6 14.2 21.4#
 277 25.9 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 30.223 ng
 RT: 15.010 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: BF134858.D
 Acq: 19 Aug 2023 00:48

Tgt Ion:252 Resp: 390810
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.3 25.9
 125 11.7 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 30.339 ng

RT: 15.010 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z23-24

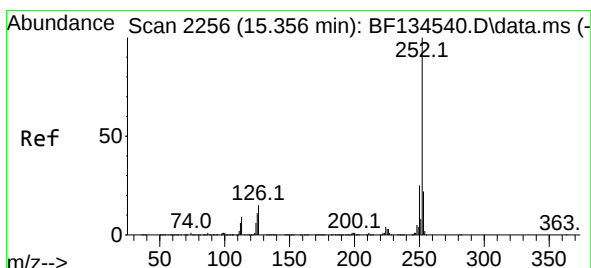
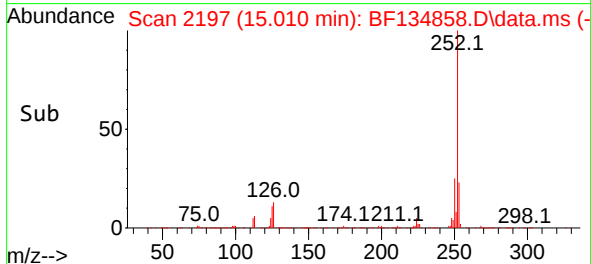
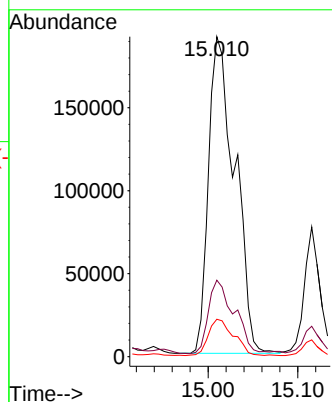
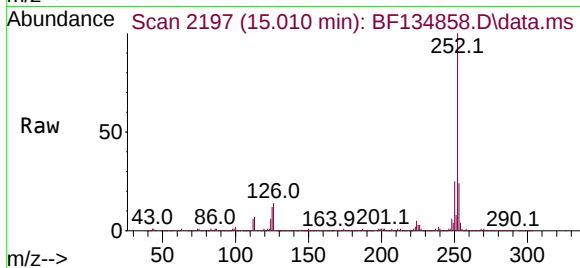
Tgt Ion:252 Resp: 390810

Ion Ratio Lower Upper

252 100

253 23.9 17.9 26.9

125 11.7 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 27.302 ng

RT: 15.374 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF134858.D

Acq: 19 Aug 2023 00:48

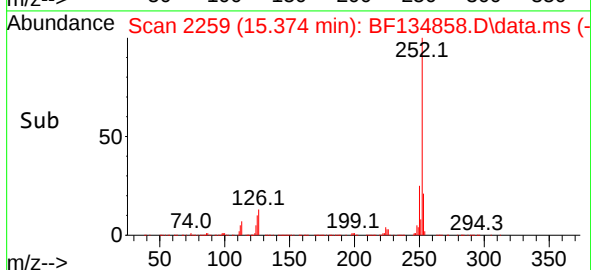
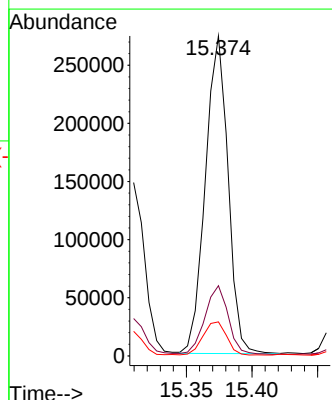
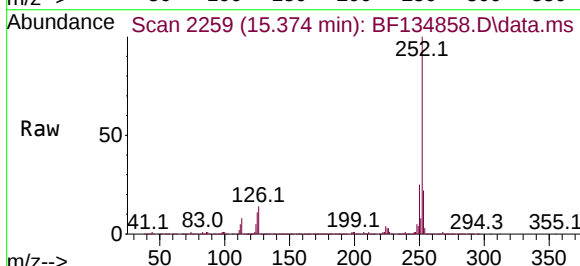
Tgt Ion:252 Resp: 329175

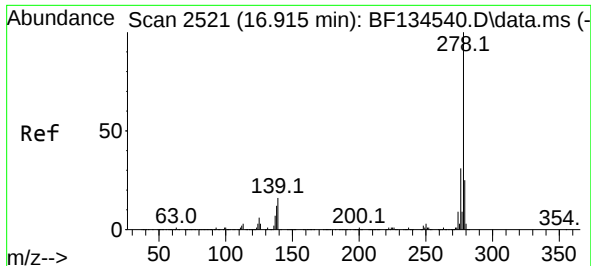
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 10.6 6.2 9.4#

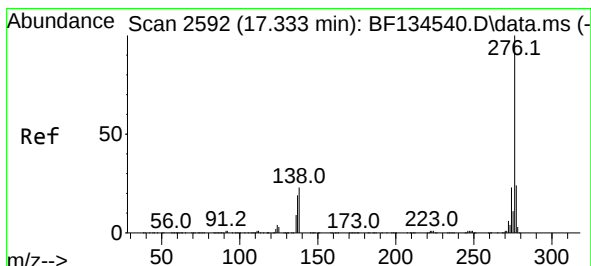
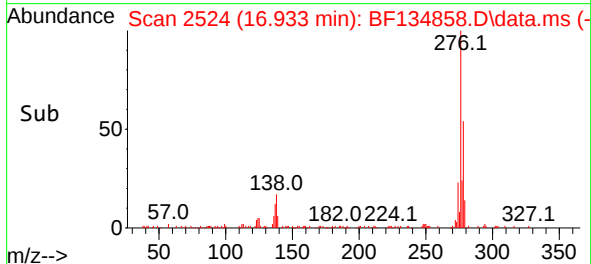
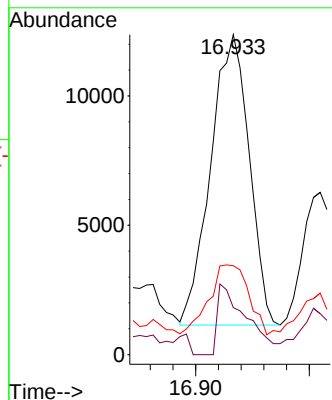
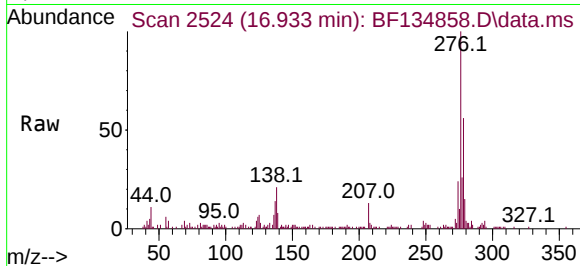




#91
 Dibenzo(a,h)anthracene
 Concen: 2.623 ng
 RT: 16.933 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF134858.D
 Acq: 19 Aug 2023 00:48

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z23-24

Tgt Ion:278 Resp: 26431
 Ion Ratio Lower Upper
 278 100
 139 14.7 10.0 15.0
 279 27.8 19.7 29.5



#92
 Benzo(g,h,i)perylene
 Concen: 11.376 ng
 RT: 17.368 min Scan# 2598
 Delta R.T. -0.006 min
 Lab File: BF134858.D
 Acq: 19 Aug 2023 00:48

Tgt Ion:276 Resp: 116937
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.6
 138 20.6 12.2 18.2#

