

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134842.D
 Acq On : 18 Aug 2023 16:06
 Operator : CG\JU
 Sample : 04047-04 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 18 16:34:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	126799	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	392154	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	235620	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	324571	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	239642	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	217891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	28642	3.434	ng	-0.02
7) Phenol-d6	6.422	99	37234	3.492	ng	-0.02
23) Nitrobenzene-d5	7.351	82	25929	4.132	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	5601	2.332	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	44646	3.151	ng	-0.02
79) Terphenyl-d14	12.910	244	32577	2.396	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	46569	6.119	ng	# 1
18) Hexachloroethane	7.292	117	51379	16.778	ng	# 6
22) Acetophenone	7.186	105	23408	2.586	ng	# 51
24) Nitrobenzene	7.404	77	27646	4.078	ng	# 7
26) 2-Nitrophenol	7.704	139	1006	5.106	ng	# 1
31) Naphthalene	8.128	128	8976607	455.459	ng	# 96
32) Benzoic acid	7.857	122	1681	8.220	ng	# 1
33) 4-Chloroaniline	8.128	127	1288803	146.759	ng	# 35
35) Caprolactam	8.498	113	7990	4.468	ng	# 48
37) 2-Methylnaphthalene	8.804	142	3395758	259.936	ng	# 99
38) 1-Methylnaphthalene	8.904	142	2332451	192.004	ng	# 97
46) 1,1'-Biphenyl	9.251	154	788008	43.008	ng	# 99
48) 2-Nitroaniline	9.345	65	12228	5.835	ng	# 32
49) Acenaphthylene	9.704	152	2563149	118.771	ng	# 98
51) 2,6-Dinitrotoluene	9.527	165	13731	6.452	ng	# 87
52) Acenaphthene	9.863	154	432140	30.900	ng	# 99
54) 2,4-Dinitrophenol	9.880	184	903	7.702	ng	# 1
55) Dibenzofuran	10.033	168	209449	10.520	ng	# 87
56) 4-Nitrophenol	9.933	139	14512	4.957	ng	# 23
57) 2,4-Dinitrotoluene	10.010	165	22991	8.292	ng	# 49
58) Fluorene	10.386	166	1220894	84.193	ng	# 94
62) 4-Nitroaniline	10.386	138	14163	4.037	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.439	198	195	8.821	ng	# 1
66) n-Nitrosodiphenylamine	10.492	169	36422	3.526	ng	# 28
71) Phenanthrene	11.357	178	3278310	190.158	ng	# 99
72) Anthracene	11.398	178	1158210	65.771	ng	# 99
73) Carbazole	11.551	167	45178	2.873	ng	# 90
75) Fluoranthene	12.539	202	1324348	72.723	ng	# 97
78) Pyrene	12.774	202	1924442	92.804	ng	# 96
81) Benzo(a)anthracene	13.998	228	721221	42.089	ng	# 96
83) Chrysene	13.998	228	721223	43.201	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.915	276	131688	10.276	ng	# 94
88) Benzo(b)fluoranthene	15.009	252	585151	44.033	ng	# 94
89) Benzo(k)fluoranthene	15.009	252	585151	44.202	ng	# 95
90) Benzo(a)pyrene	15.374	252	492785	39.772	ng	# 96
91) Dibenzo(a,h)anthracene	16.933	278	36793	3.553	ng	# 96

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QLast Update : Fri Aug 04 09:29:15 2023
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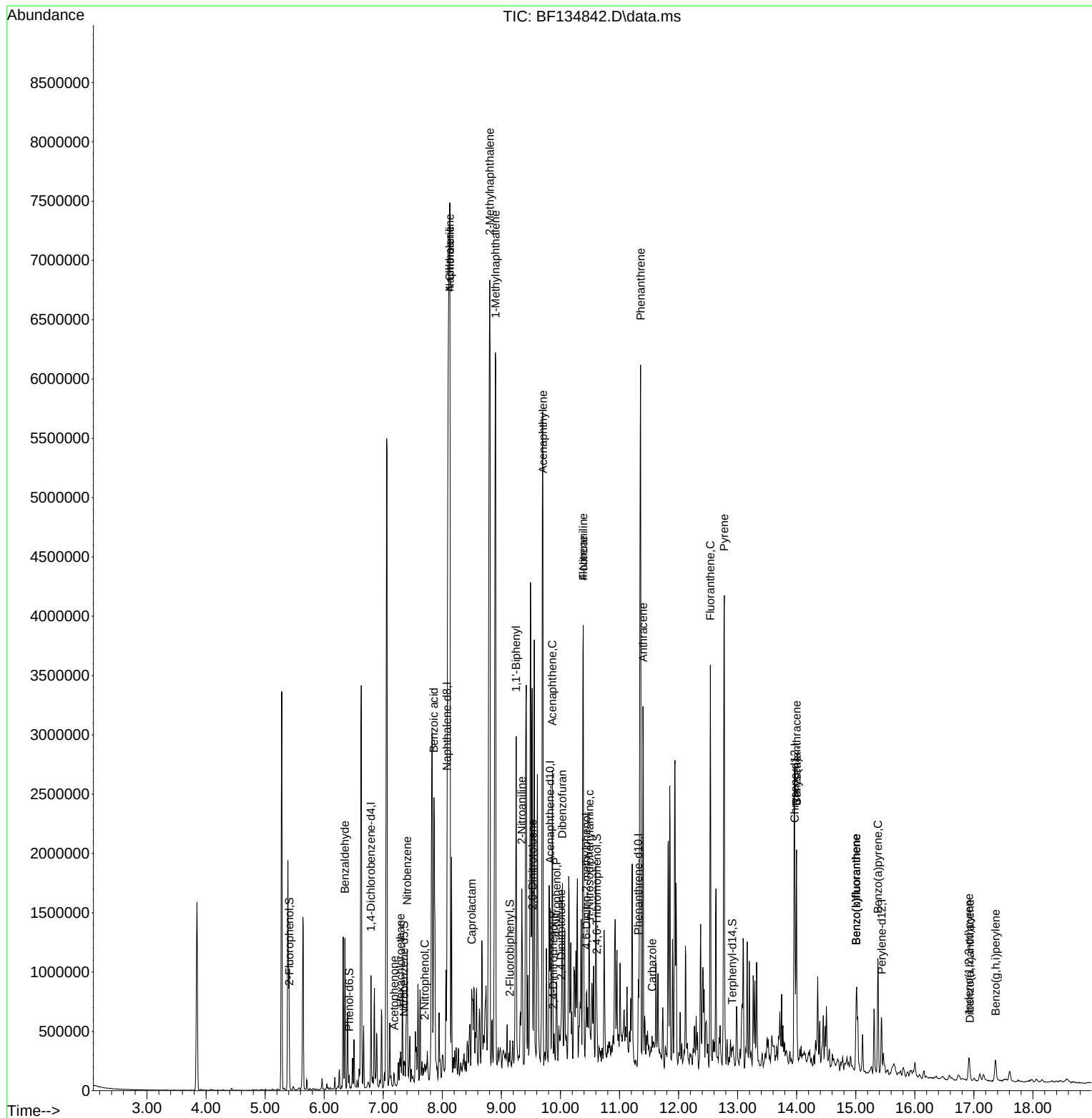
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Benzo(g,h,i)perylene	17.368	276	145073	13.733	ng	# 93

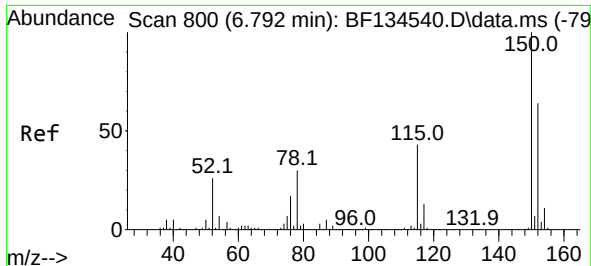
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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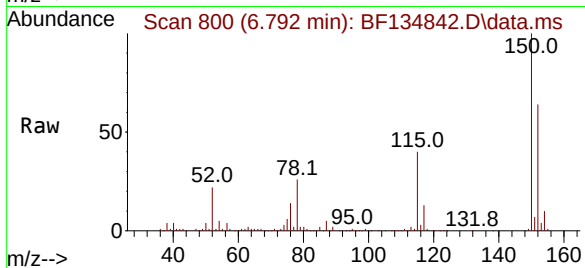
Quant Time: Aug 18 16:34:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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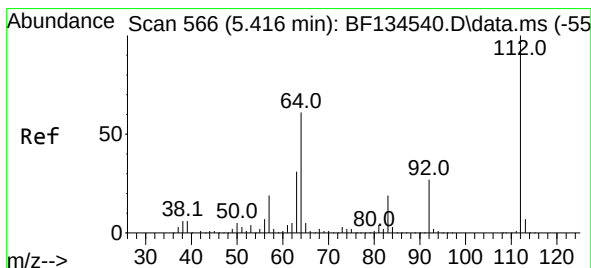
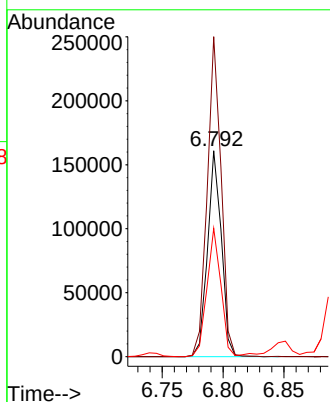
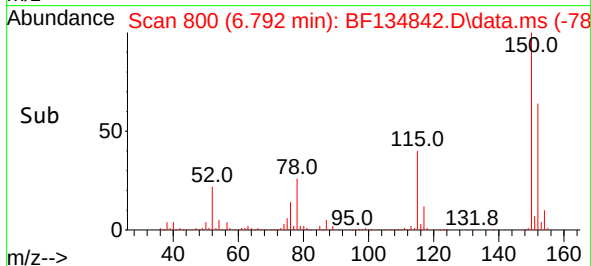


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

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

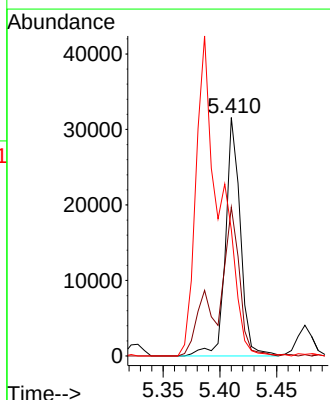
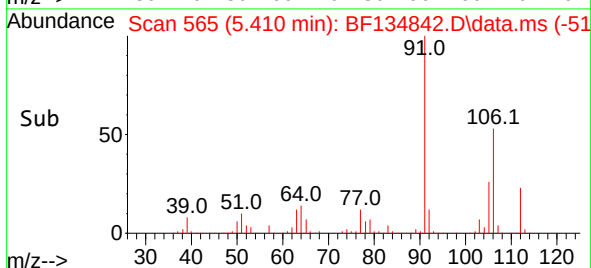
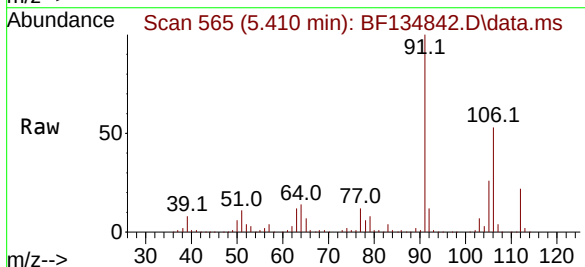


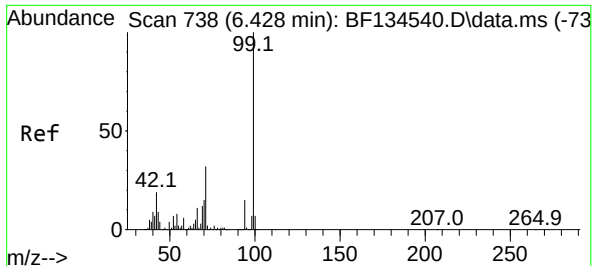
Tgt Ion:152 Resp: 126799
Ion Ratio Lower Upper
152 100
150 155.4 128.3 192.5
115 62.4 52.4 78.6



#5
2-Fluorophenol
Concen: 3.434 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.018 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion:112 Resp: 28642
Ion Ratio Lower Upper
112 100
64 62.4 44.9 67.3
63 53.0 25.4 38.0#





#7

Phenol-d6

Concen: 3.492 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

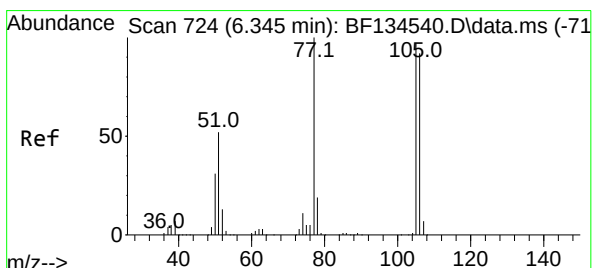
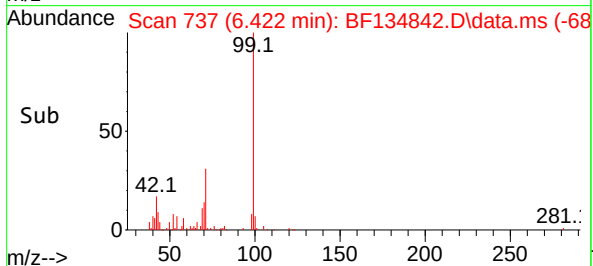
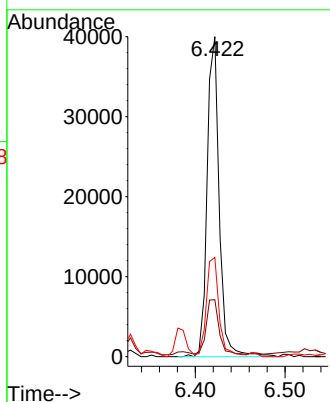
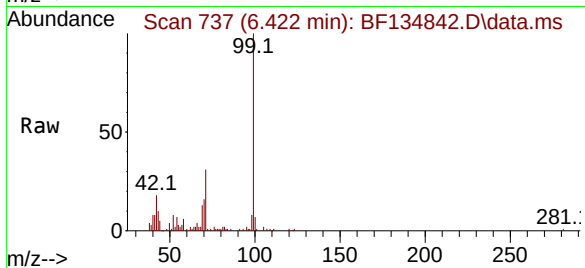
Tgt Ion: 99 Resp: 37234

Ion Ratio Lower Upper

99 100

42 17.8 18.7 28.1#

71 31.0 36.4 54.6#



#9

Benzaldehyde

Concen: 6.119 ng

RT: 6.351 min Scan# 725

Delta R.T. -0.006 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

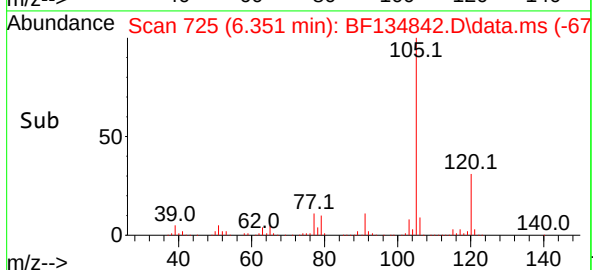
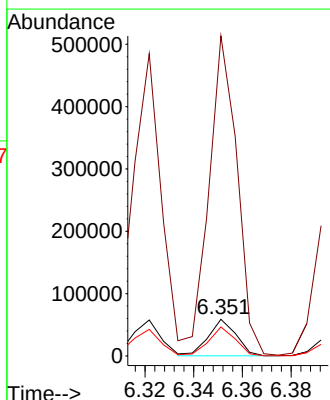
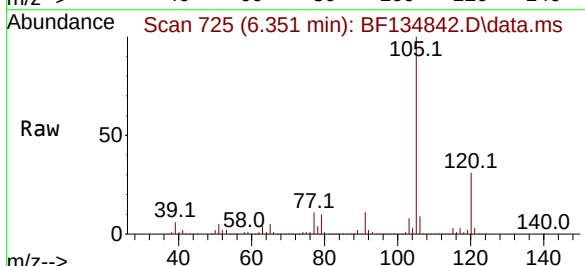
Tgt Ion: 77 Resp: 46569

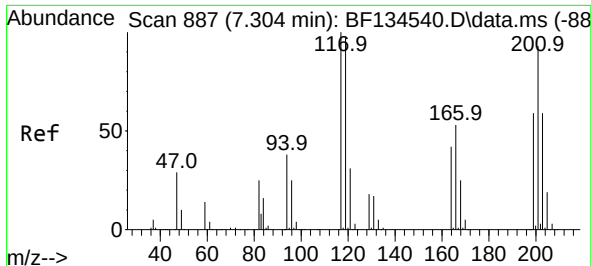
Ion Ratio Lower Upper

77 100

105 873.0 77.1 117.1#

106 79.1 71.4 111.4

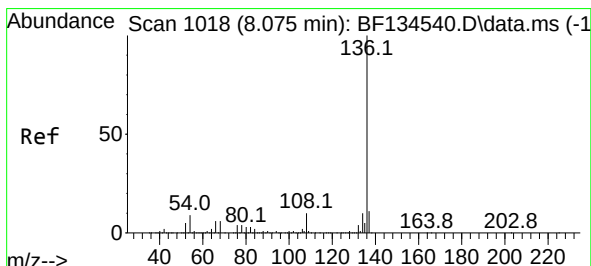
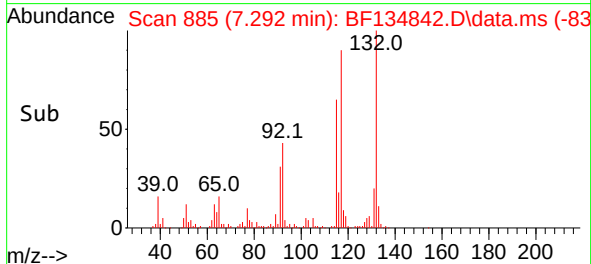
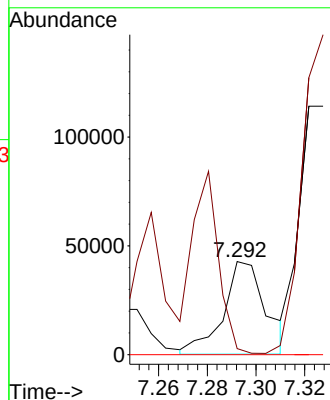
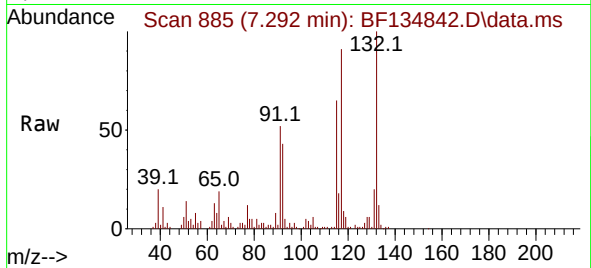




#18
Hexachloroethane
Concen: 16.778 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

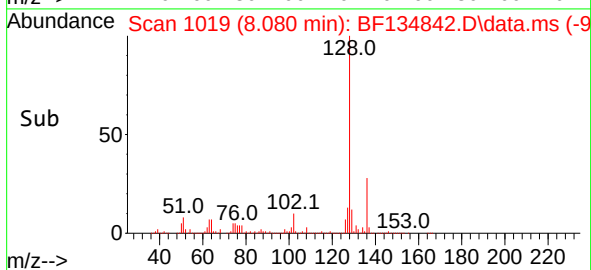
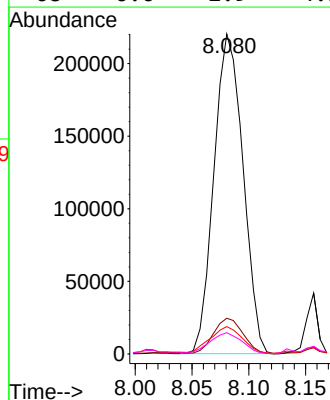
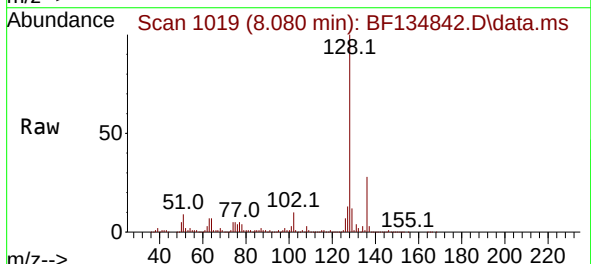
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

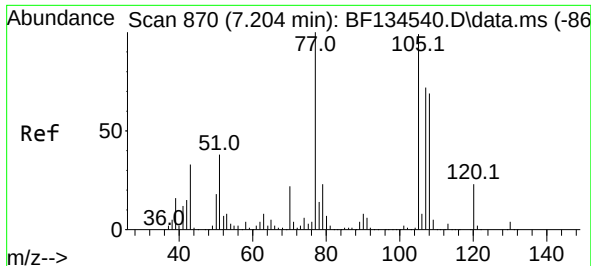
Tgt Ion:117 Resp: 51379
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.8#
201 0.0 73.6 110.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

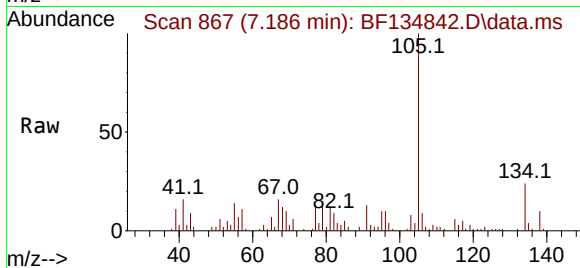
Tgt Ion:136 Resp: 392154
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.6 5.2 7.8#
68 6.6 2.9 4.3#



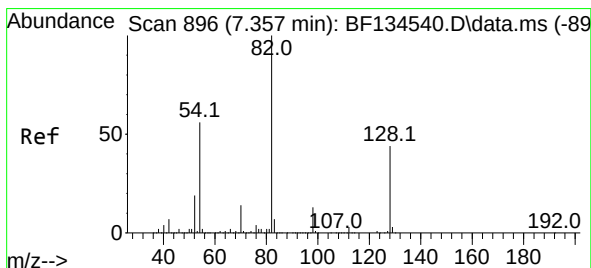
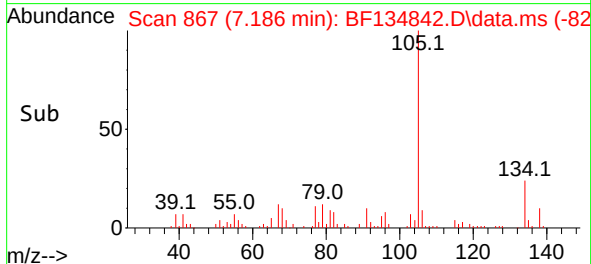
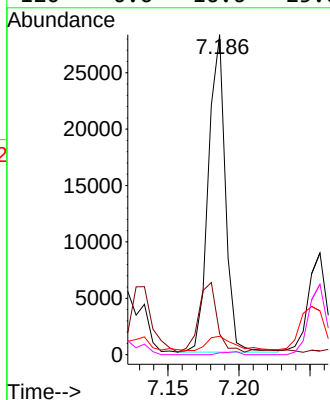


#22
Acetophenone
Concen: 2.586 ng
RT: 7.186 min Scan# 810
Delta R.T. -0.030 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

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

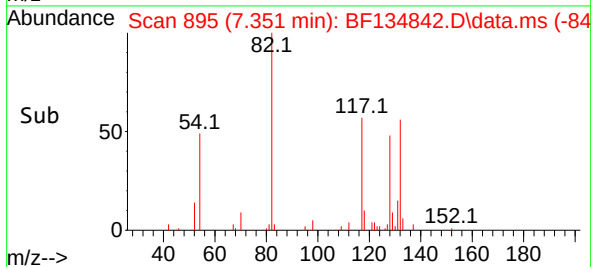
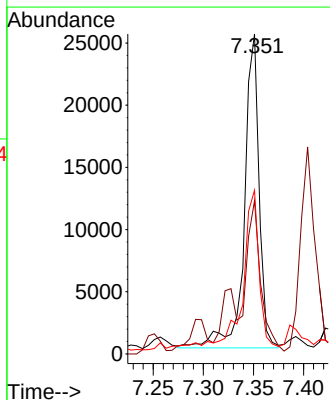
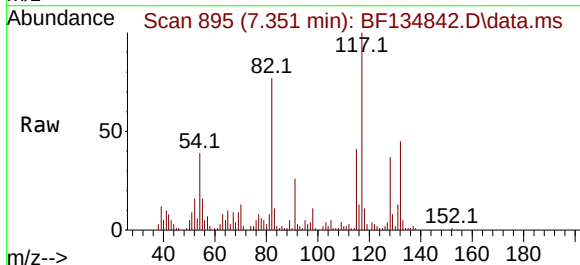


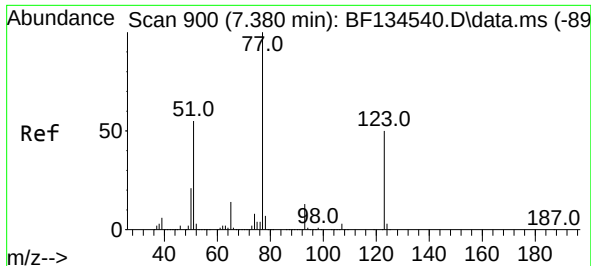
Tgt Ion:	105	Resp:	23408
Ion	Ratio	Lower	Upper
105	100		
71	6.5	7.4	11.0#
51	5.7	36.4	54.6#
120	0.6	16.6	25.0#



#23
Nitrobenzene-d5
Concen: 4.132 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion:	82	Resp:	25929
Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.3	51.5
54	51.2	43.8	65.6

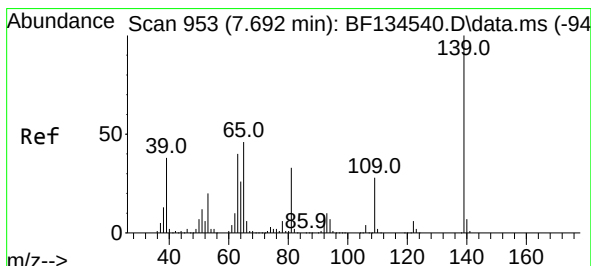
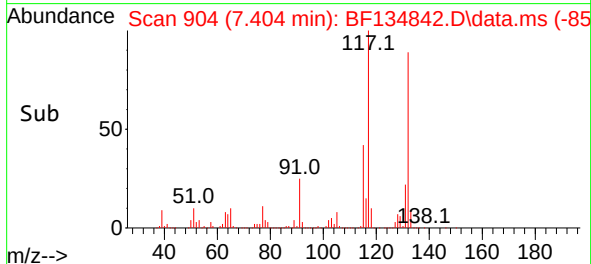
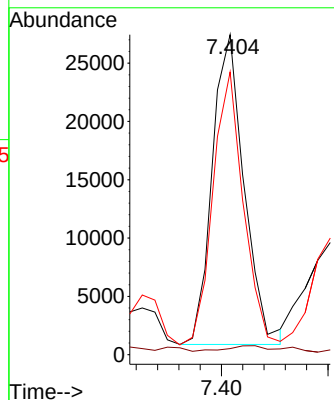
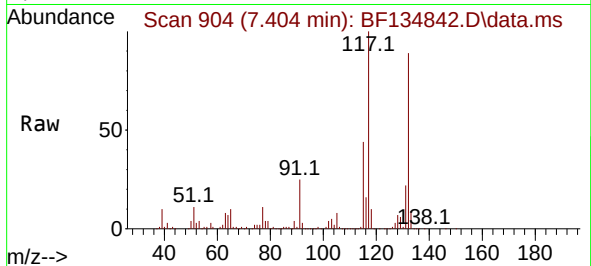




#24
 Nitrobenzene
 Concen: 4.078 ng
 RT: 7.404 min Scan# 904
 Delta R.T. 0.018 min
 Lab File: BF134842.D
 Acq: 18 Aug 2023 16:06

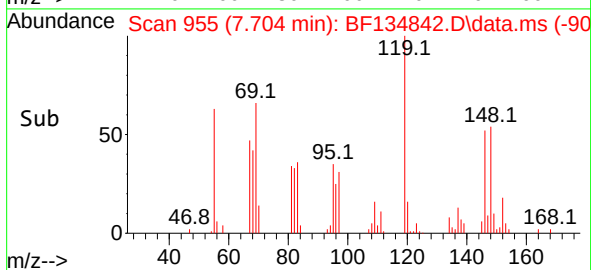
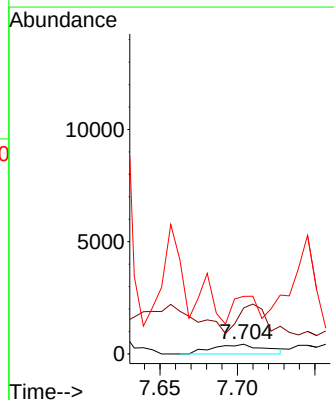
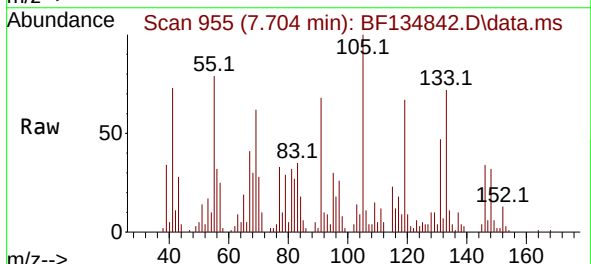
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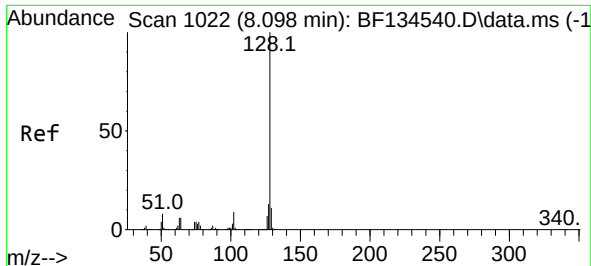
Tgt Ion: 77 Resp: 27646
 Ion Ratio Lower Upper
 77 100
 123 1.9 35.5 53.3#
 65 88.3 11.9 17.9#



#26
 2-Nitrophenol
 Concen: 5.106 ng
 RT: 7.704 min Scan# 955
 Delta R.T. 0.006 min
 Lab File: BF134842.D
 Acq: 18 Aug 2023 16:06

Tgt Ion: 139 Resp: 1006
 Ion Ratio Lower Upper
 139 100
 109 470.0 29.8 44.6#
 65 586.7 45.4 68.2#

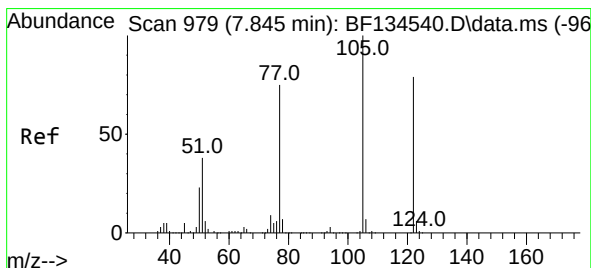
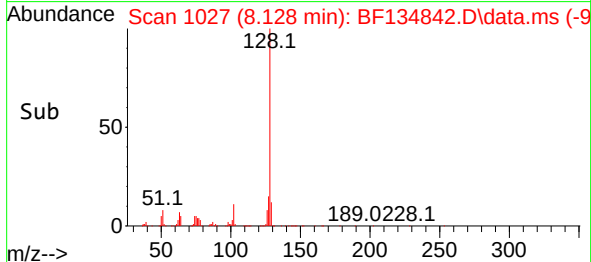
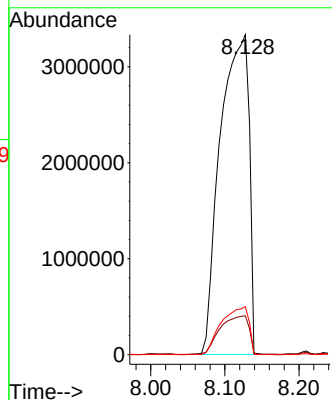
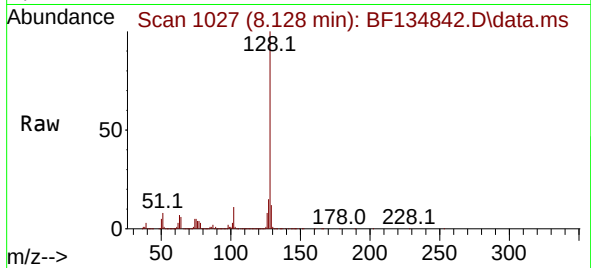




#31
Naphthalene
Concen: 455.459 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.023 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

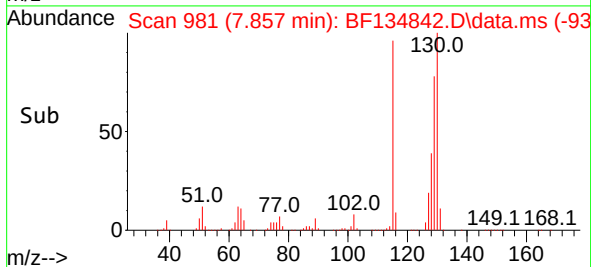
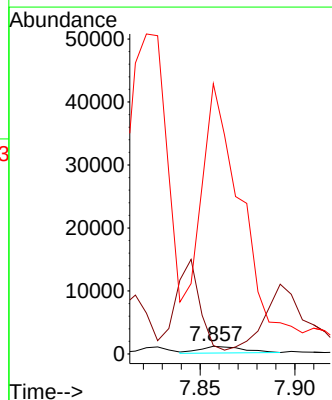
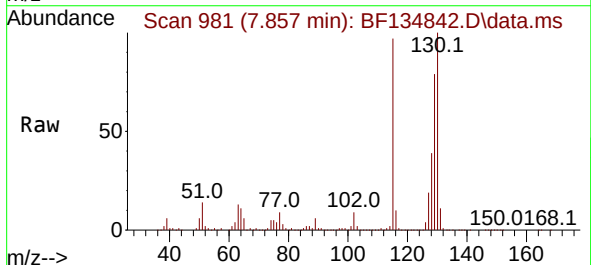
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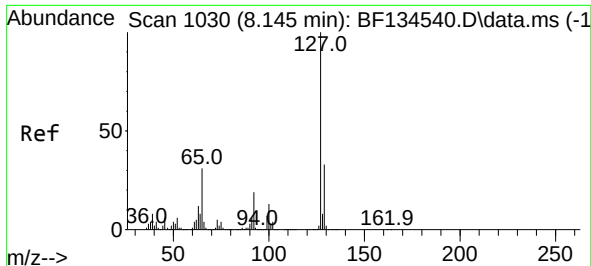
Tgt Ion:128 Resp: 8976607
Ion Ratio Lower Upper
128 100
129 12.1 8.4 12.6
127 15.0 10.7 16.1



#32
Benzoic acid
Concen: 8.220 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion:122 Resp: 1681
Ion Ratio Lower Upper
122 100
105 110.2 87.5 127.5
77 3513.8 71.4 111.4#

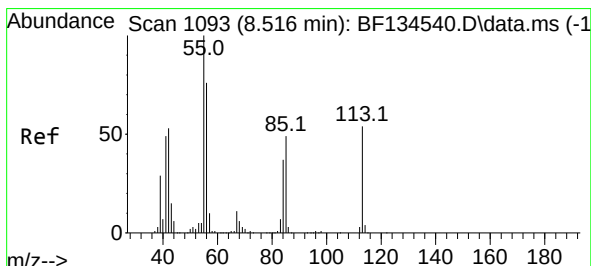
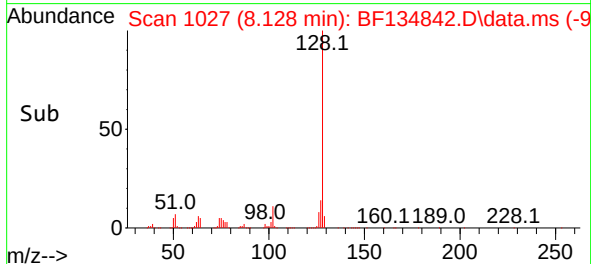
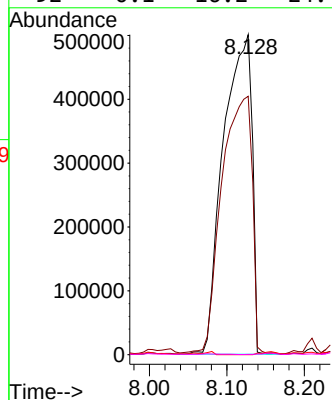
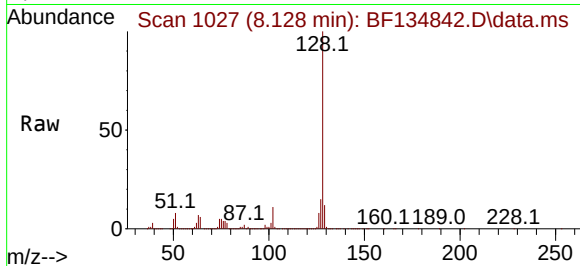




#33
4-Chloroaniline
Concen: 146.759 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.024 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

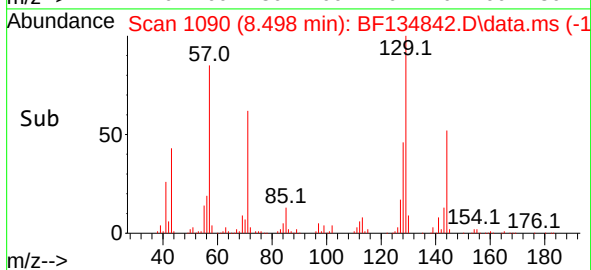
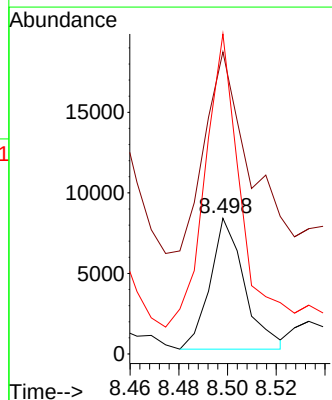
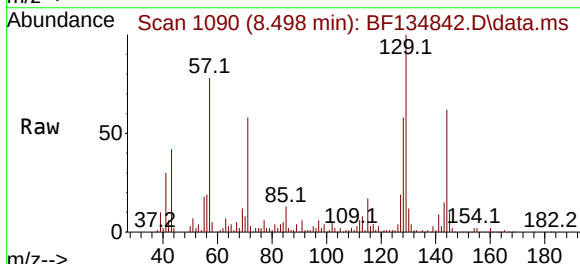
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

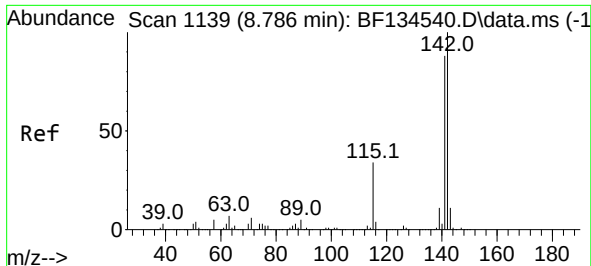
Tgt Ion:127 Resp: 1288803
Ion Ratio Lower Upper
127 100
129 80.8 25.6 38.4#
65 0.0 25.4 38.0#
92 0.1 16.2 24.4#



#35
Caprolactam
Concen: 4.468 ng
RT: 8.498 min Scan# 1090
Delta R.T. -0.035 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion:113 Resp: 7990
Ion Ratio Lower Upper
113 100
55 222.7 161.5 201.5#
56 235.9 117.8 157.8#





#37

2-Methylnaphthalene

Concen: 259.936 ng

RT: 8.804 min Scan# 1142

Delta R.T. 0.012 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

Instrument :

BNA_F

ClientSampleId :

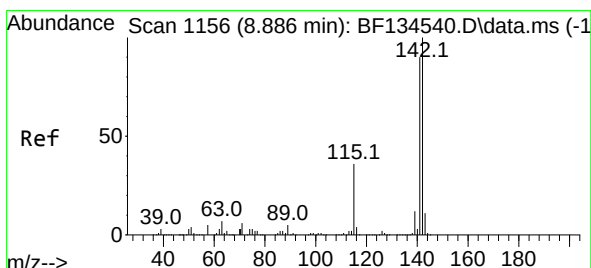
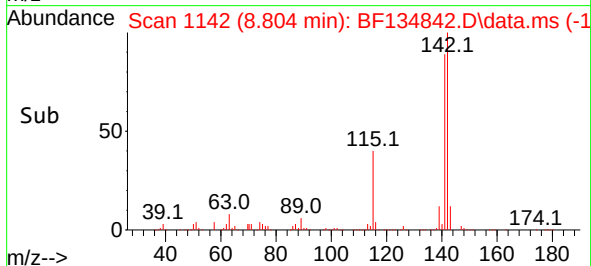
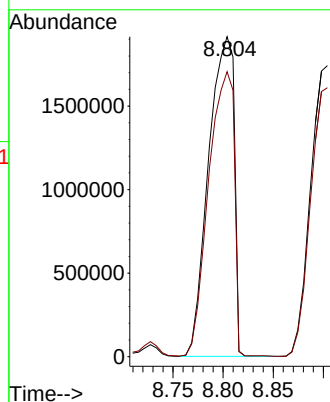
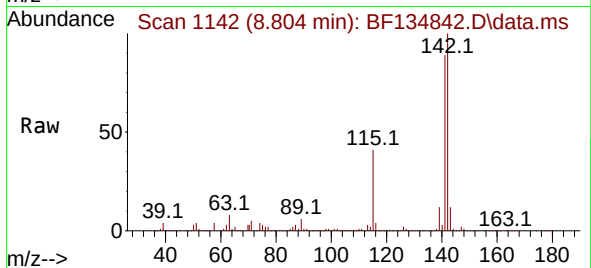
NEVINS-SB05-Z83-84

Tgt Ion:142 Resp: 3395758

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2



#38

1-Methylnaphthalene

Concen: 192.004 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.012 min

Lab File: BF134842.D

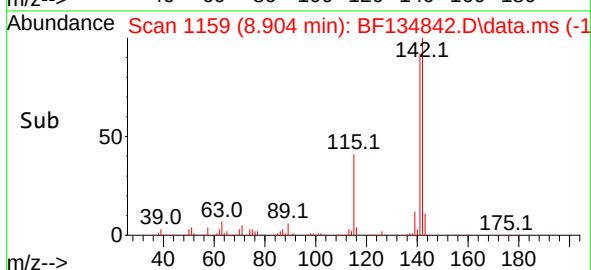
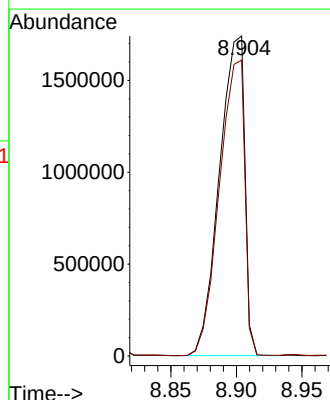
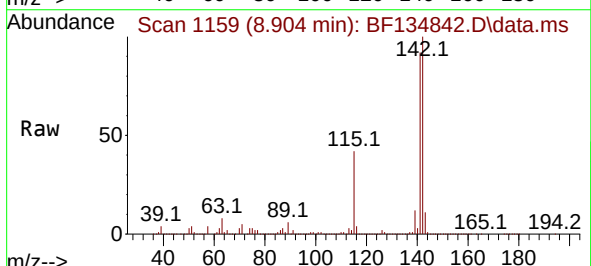
Acq: 18 Aug 2023 16:06

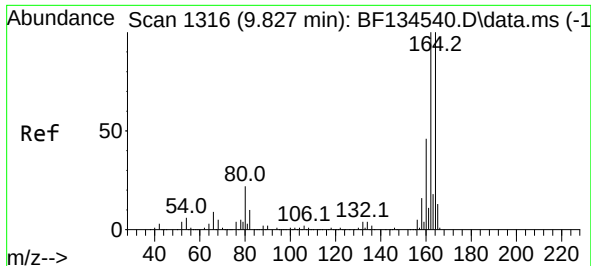
Tgt Ion:142 Resp: 2332451

Ion Ratio Lower Upper

142 100

141 92.4 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

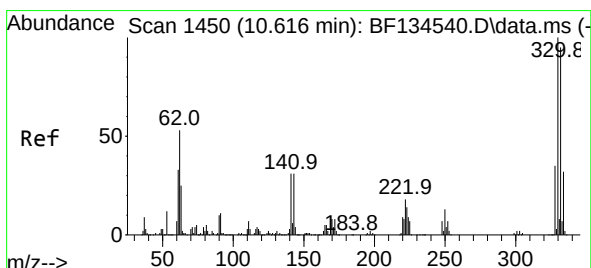
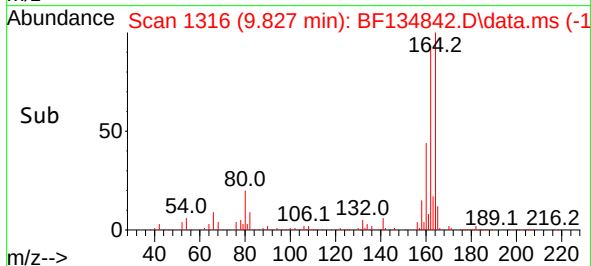
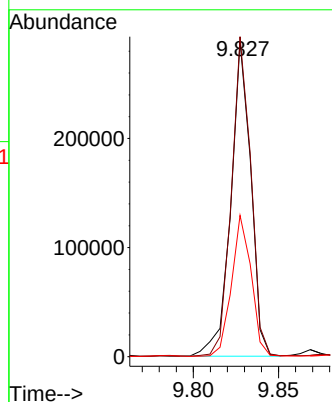
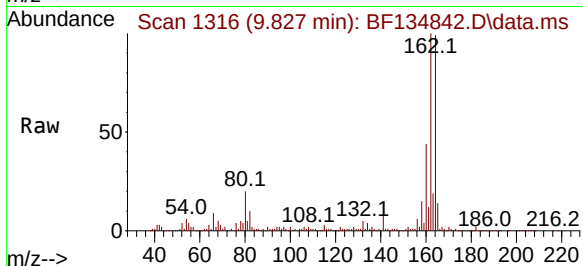
Tgt Ion:164 Resp: 235620

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

160 44.8 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 2.332 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

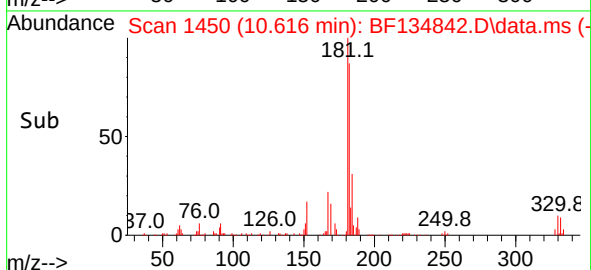
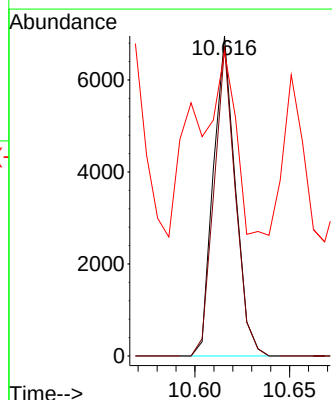
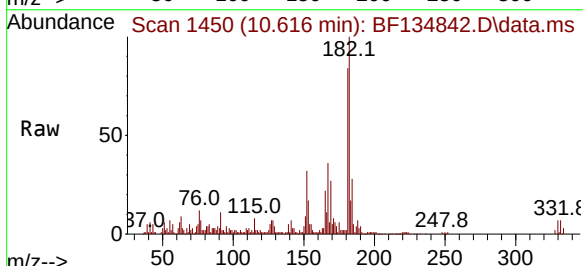
Tgt Ion:330 Resp: 5601

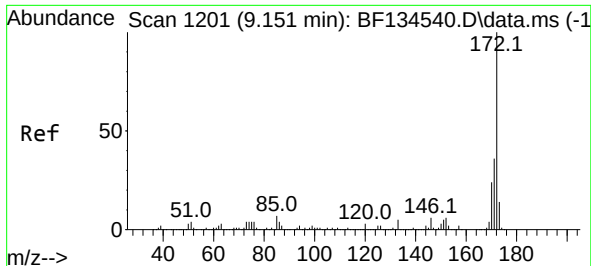
Ion Ratio Lower Upper

330 100

332 94.2 78.8 118.2

141 104.6 25.4 38.2#





#45

2-Fluorobiphenyl

Concen: 3.151 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

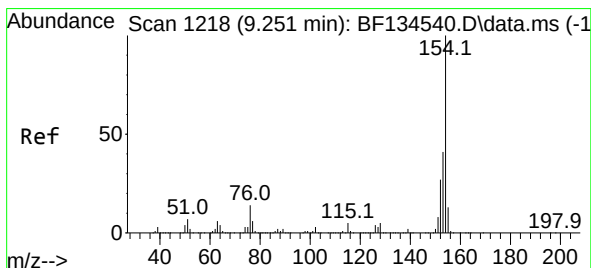
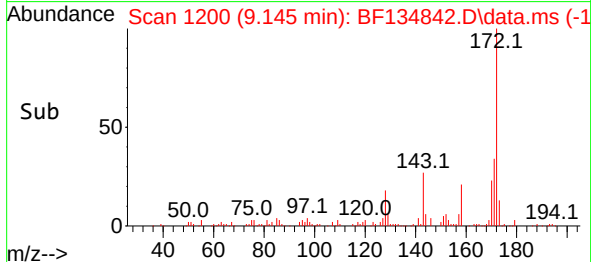
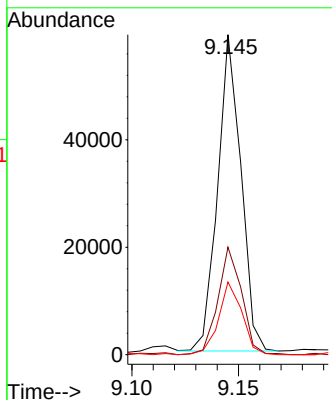
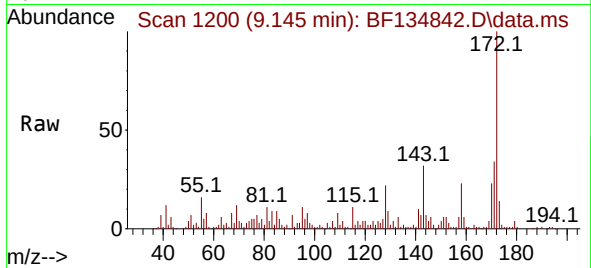
Tgt Ion:172 Resp: 44646

Ion Ratio Lower Upper

172 100

171 33.6 28.8 43.2

170 22.7 18.7 28.1



#46

1,1'-Biphenyl

Concen: 43.008 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

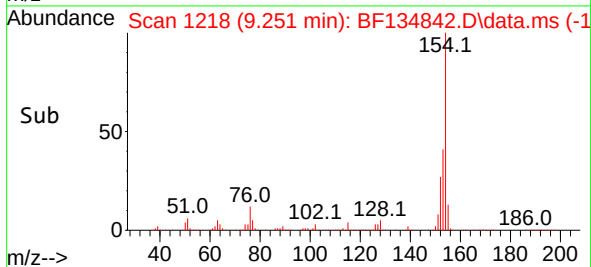
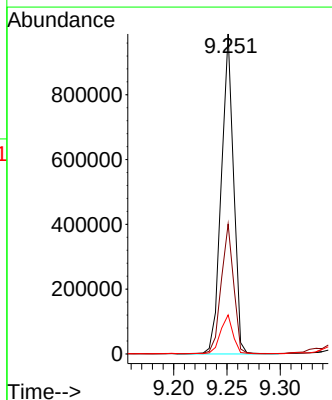
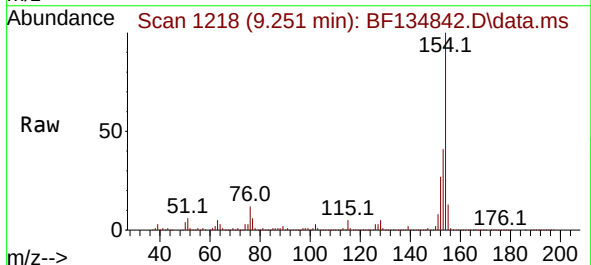
Tgt Ion:154 Resp: 788008

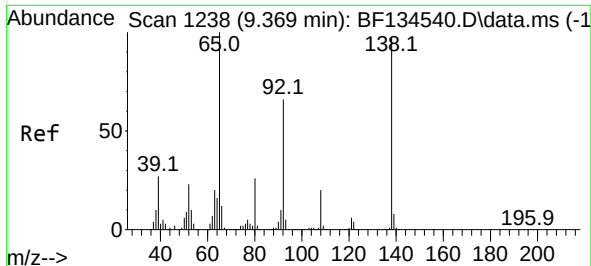
Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 12.2 0.0 30.2

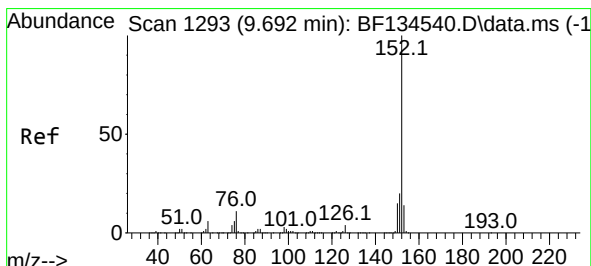
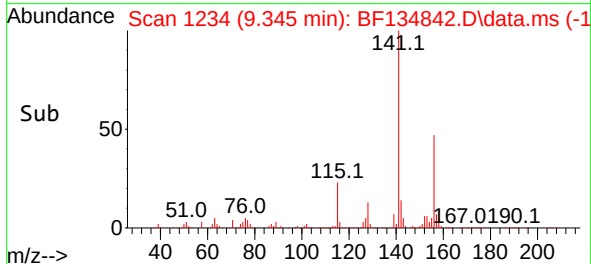
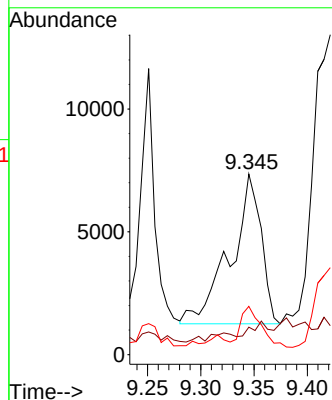
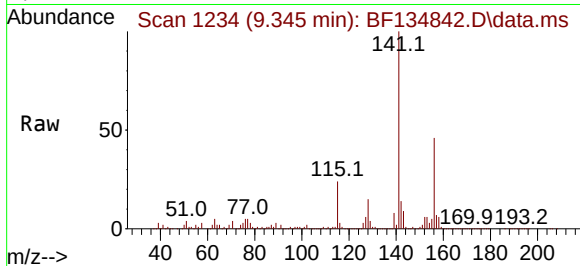




#48
2-Nitroaniline
Concen: 5.835 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.035 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

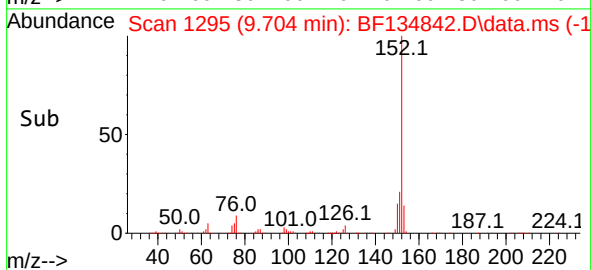
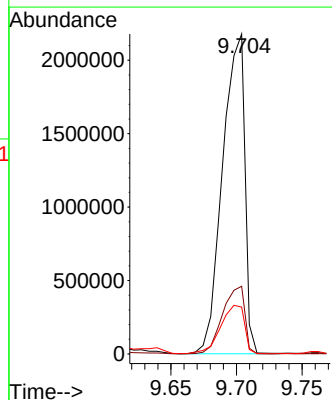
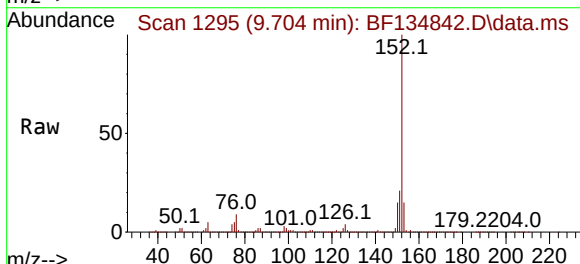
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

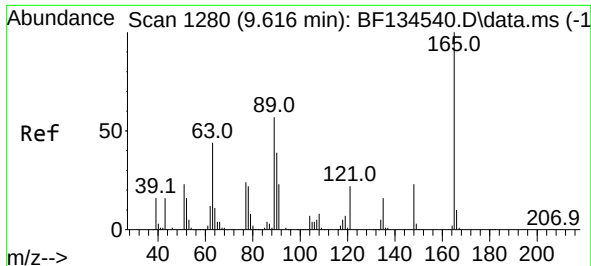
Tgt Ion: 65 Resp: 12228
Ion Ratio Lower Upper
65 100
92 15.2 50.7 76.1#
138 26.8 78.2 117.4#



#49
Acenaphthylene
Concen: 118.771 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion: 152 Resp: 2563149
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 14.6 10.9 16.3

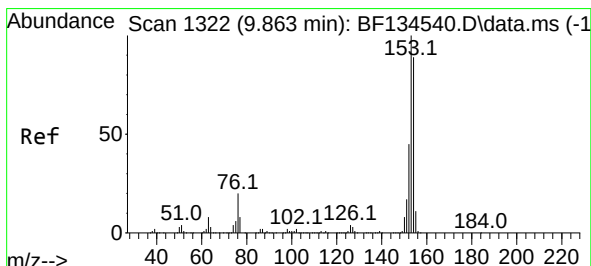
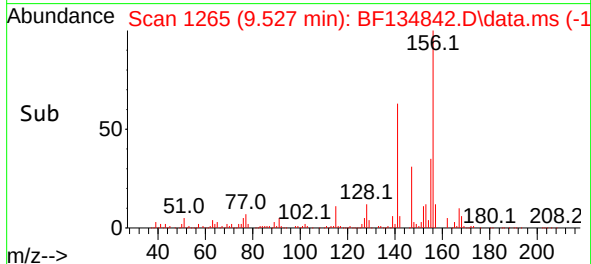
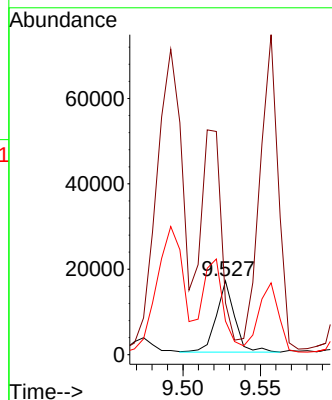
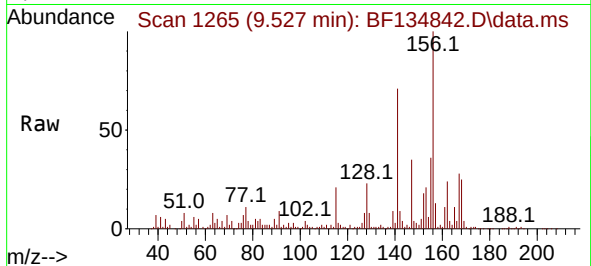




#51
2,6-Dinitrotoluene
Concen: 6.452 ng
RT: 9.527 min Scan# 11
Delta R.T. -0.100 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

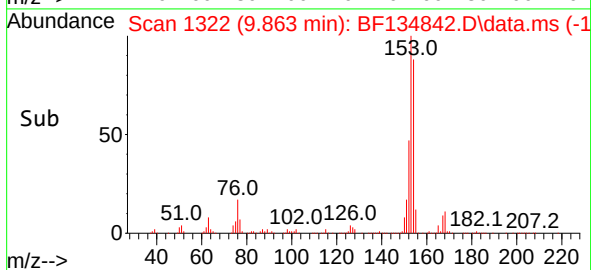
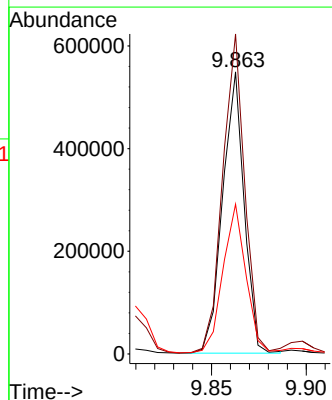
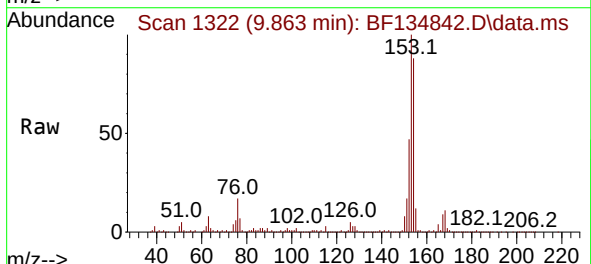
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

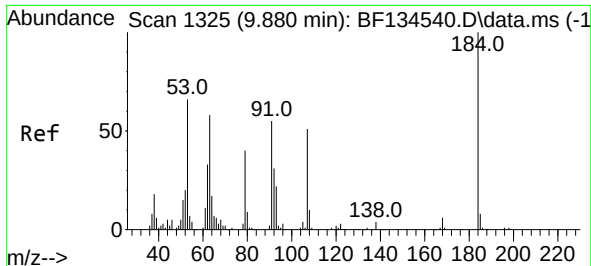
Tgt Ion:165 Resp: 13731
Ion Ratio Lower Upper
165 100
63 70.3 57.8 86.6
89 45.6 51.8 77.8#



#52
Acenaphthene
Concen: 30.900 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion:154 Resp: 432140
Ion Ratio Lower Upper
154 100
153 113.5 90.0 135.0
152 53.1 42.4 63.6

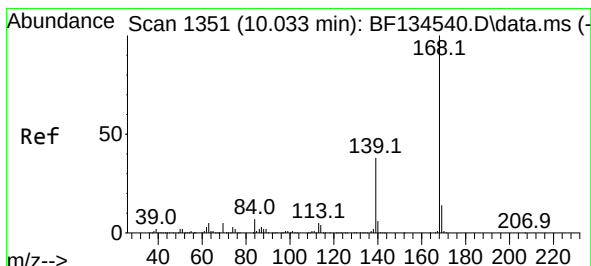
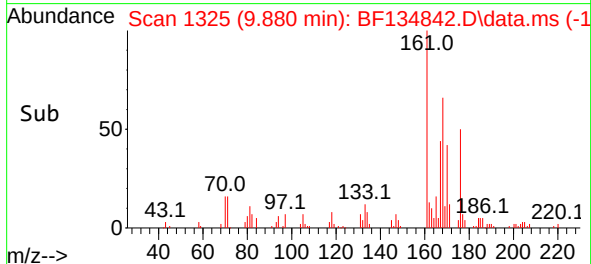
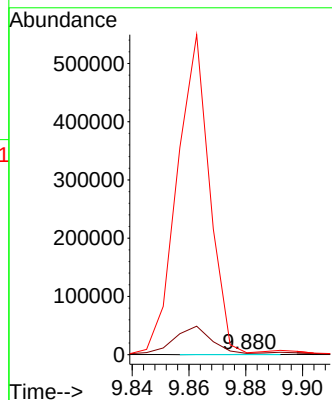
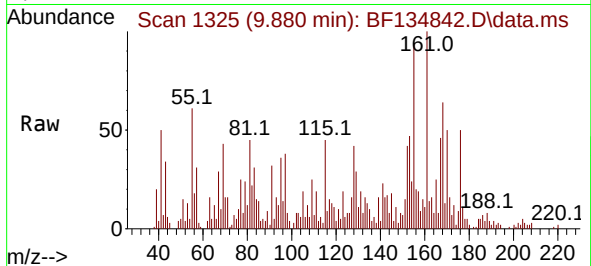




#54
2,4-Dinitrophenol
Concen: 7.702 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

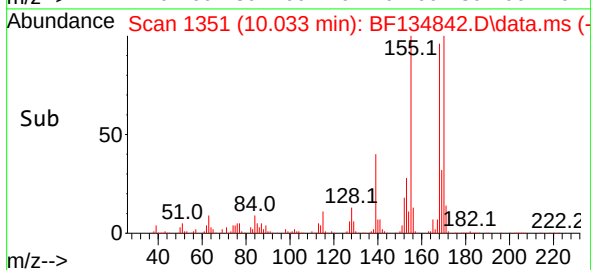
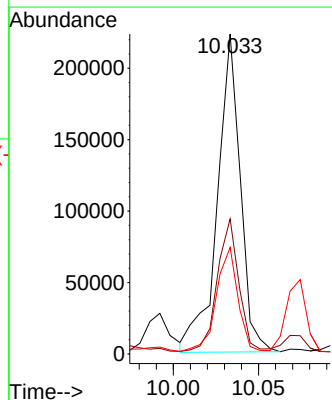
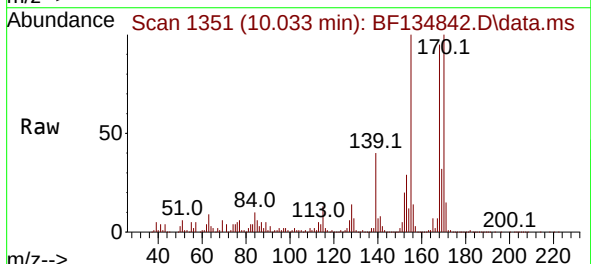
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

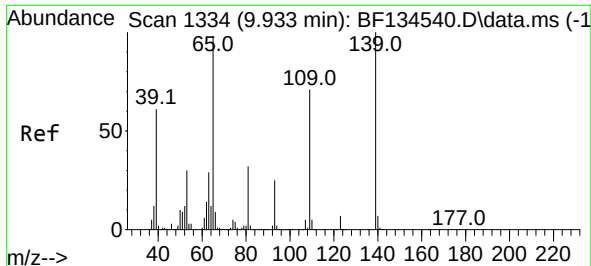
Tgt Ion:184 Resp: 903
Ion Ratio Lower Upper
184 100
63 337.7 57.1 85.7#
154 509.8 59.1 88.7#



#55
Dibenzofuran
Concen: 10.520 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion:168 Resp: 209449
Ion Ratio Lower Upper
168 100
139 42.2 33.4 50.2
169 33.3 10.6 15.8#

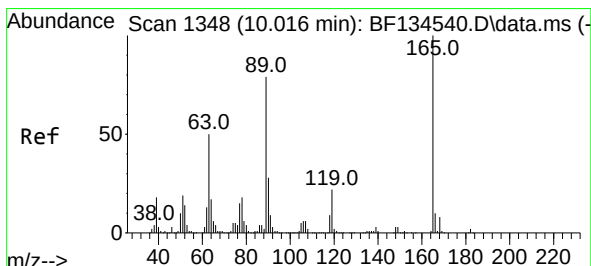
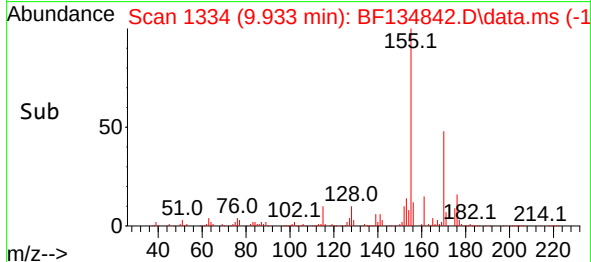
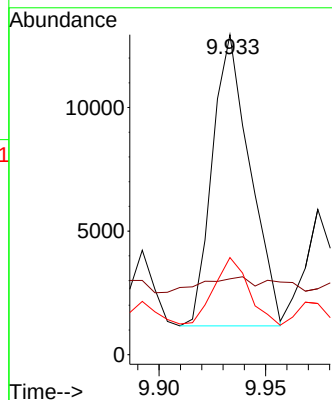
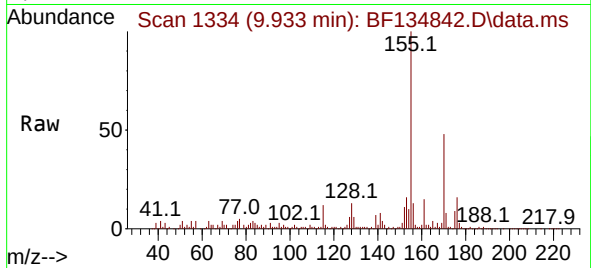




#56
4-Nitrophenol
Concen: 4.957 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

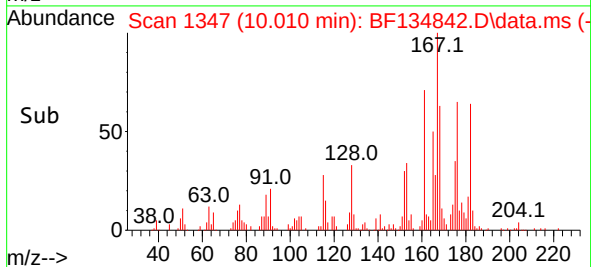
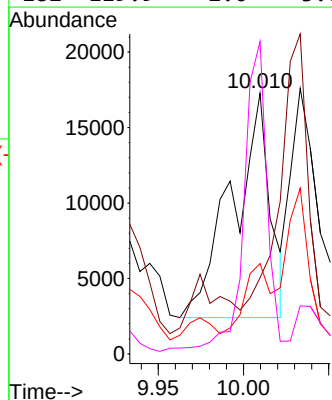
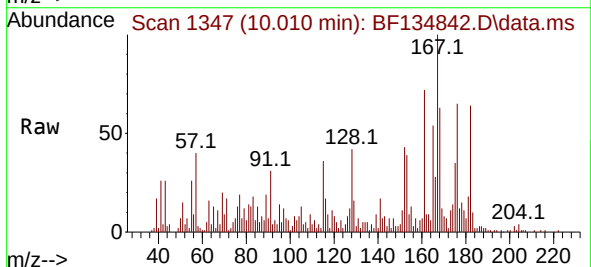
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

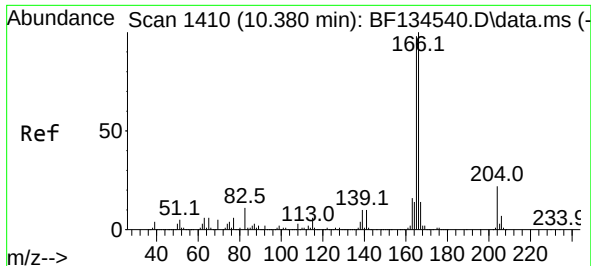
Tgt Ion:139 Resp: 14512
Ion Ratio Lower Upper
139 100
109 23.7 76.9 116.9#
65 30.4 98.5 138.5#



#57
2,4-Dinitrotoluene
Concen: 8.292 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.018 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion:165 Resp: 22991
Ion Ratio Lower Upper
165 100
63 29.2 48.9 73.3#
89 34.7 61.7 92.5#
182 119.9 2.0 3.0#

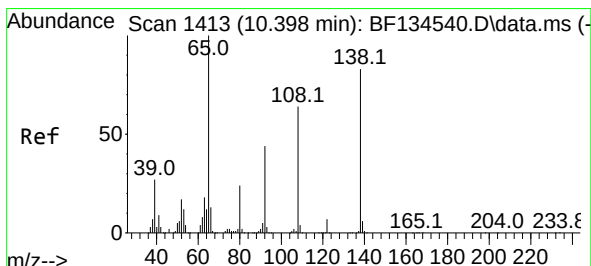
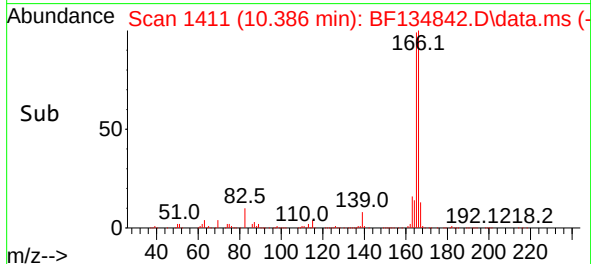
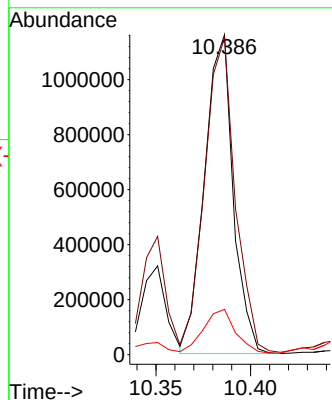
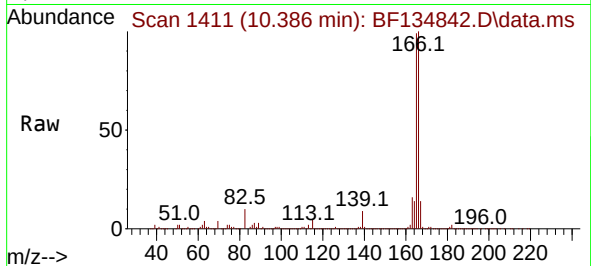




#58
Fluorene
Concen: 84.193 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

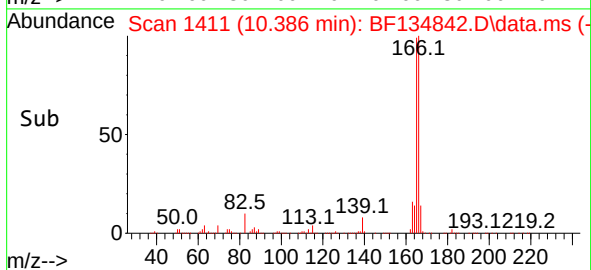
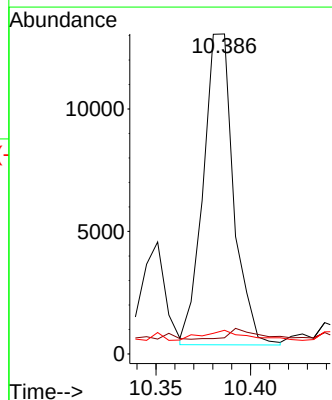
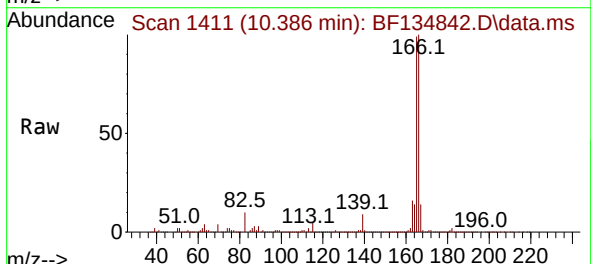
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

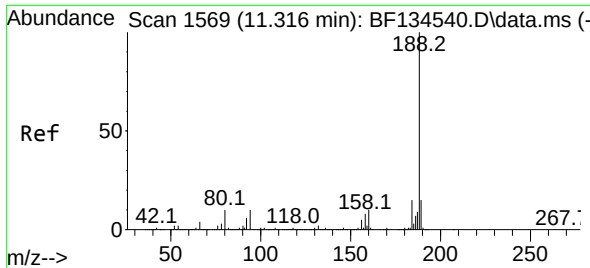
Tgt Ion:166 Resp: 1220894
Ion Ratio Lower Upper
166 100
165 99.1 74.5 111.7
167 14.2 10.6 16.0



#62
4-Nitroaniline
Concen: 4.037 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion:138 Resp: 14163
Ion Ratio Lower Upper
138 100
92 5.1 27.0 67.0#
108 7.4 70.4 110.4#

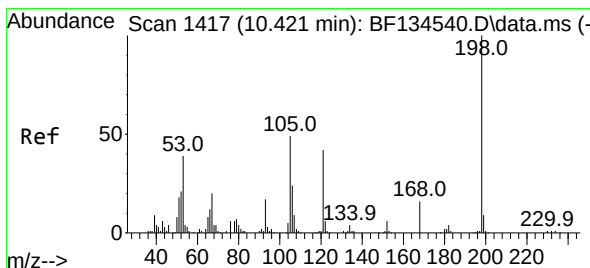
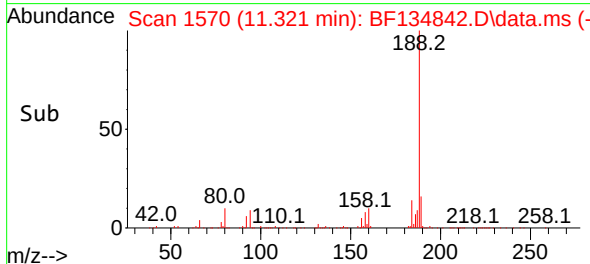
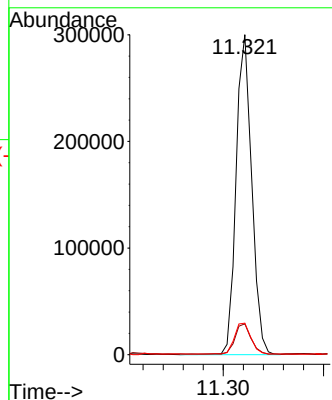
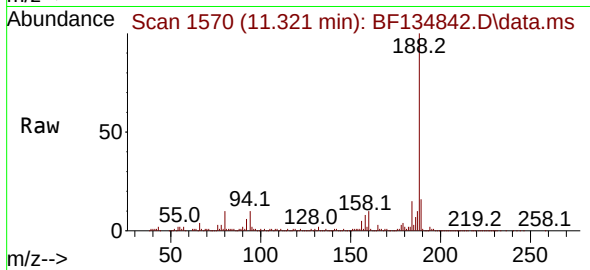




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

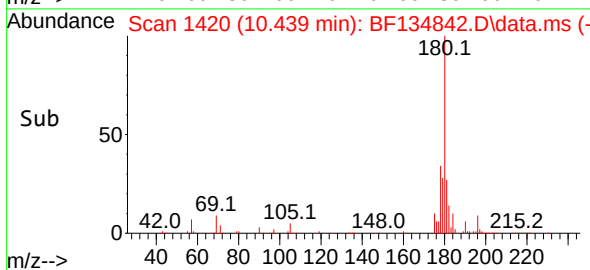
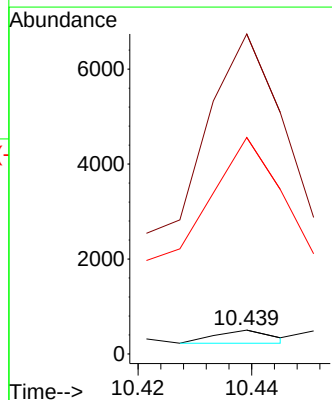
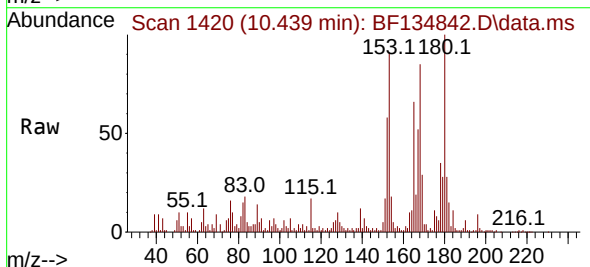
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

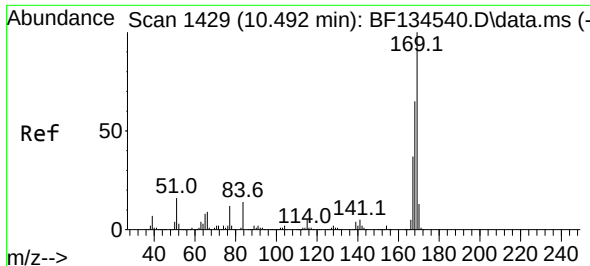
Tgt Ion:188 Resp: 324571
Ion Ratio Lower Upper
188 100
94 9.6 5.1 7.7#
80 9.8 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.821 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion:198 Resp: 195
Ion Ratio Lower Upper
198 100
51 1345.5 38.6 78.6#
105 910.2 27.9 67.9#

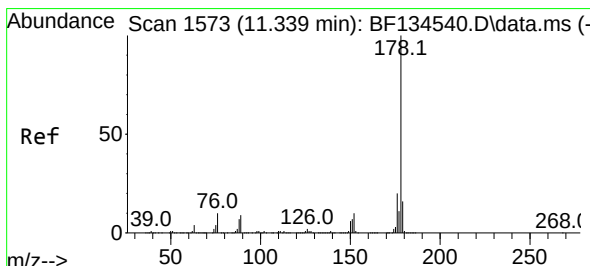
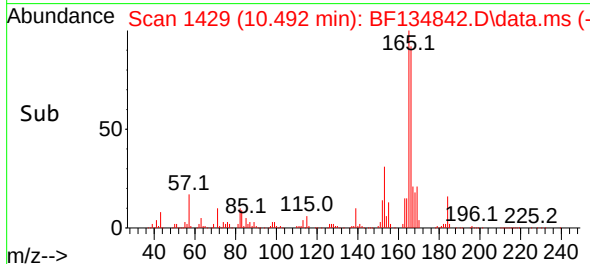
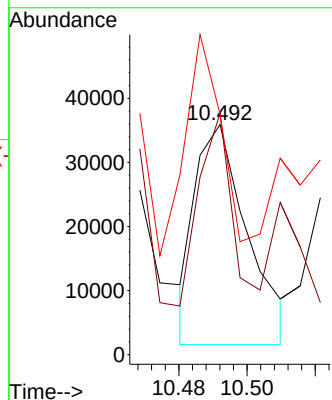
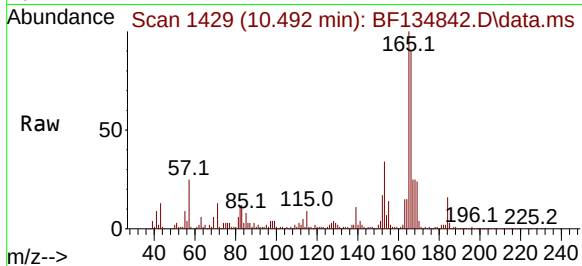




#66
n-Nitrosodiphenylamine
Concen: 3.526 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

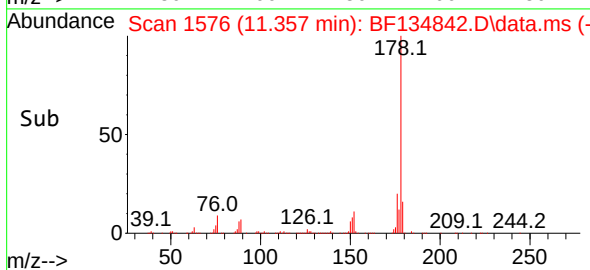
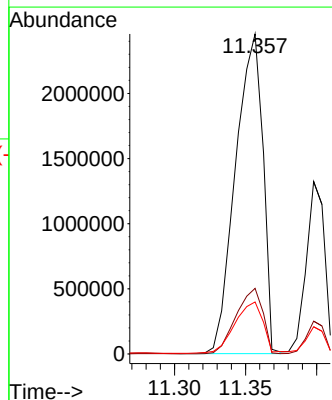
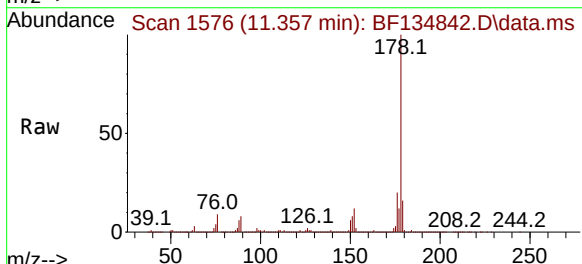
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

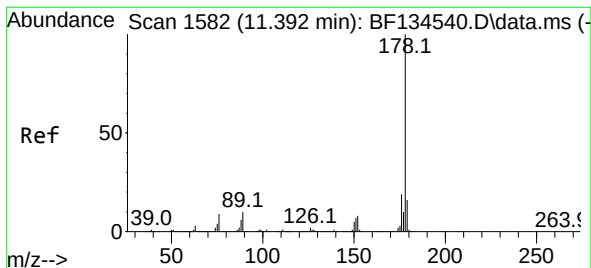
Tgt Ion:169 Resp: 36422
Ion Ratio Lower Upper
169 100
168 105.0 52.6 78.8#
167 104.4 29.8 44.8#



#71
Phenanthrene
Concen: 190.158 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion:178 Resp: 3278310
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 16.3 12.7 19.1





#72

Anthracene

Concen: 65.771 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

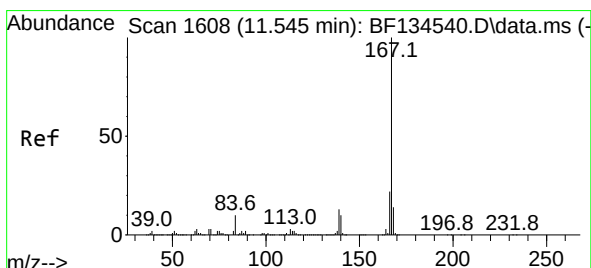
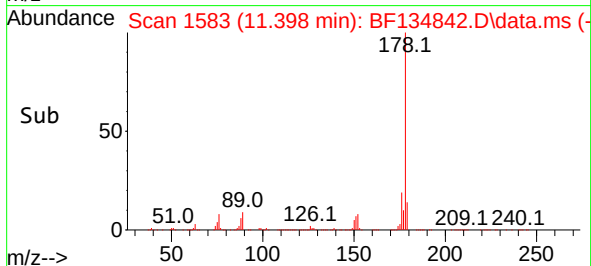
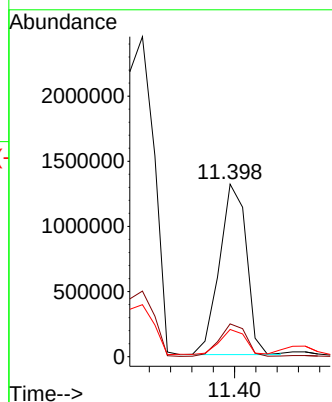
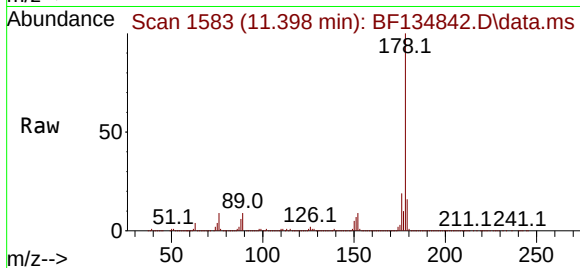
Tgt Ion:178 Resp: 1158210

Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

179 15.8 12.3 18.5



#73

Carbazole

Concen: 2.873 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

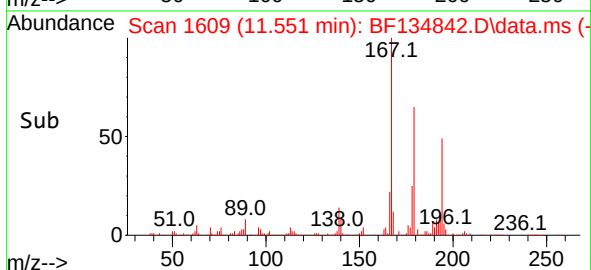
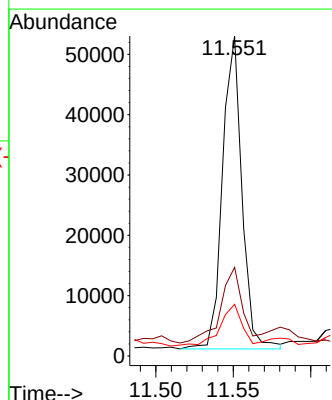
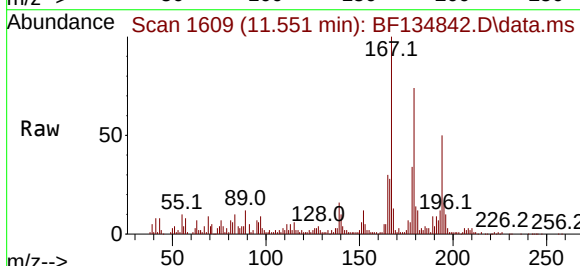
Tgt Ion:167 Resp: 45178

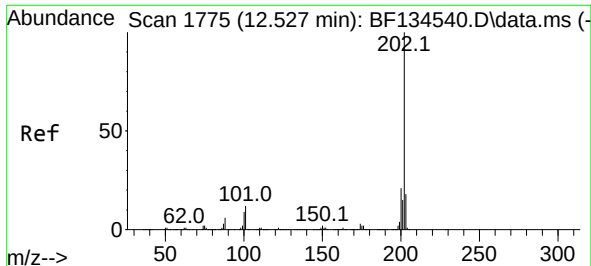
Ion Ratio Lower Upper

167 100

166 27.7 17.5 26.3#

139 16.2 11.0 16.4

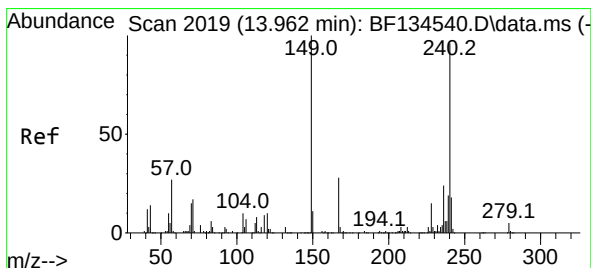
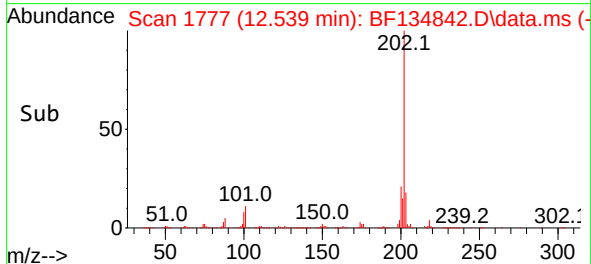
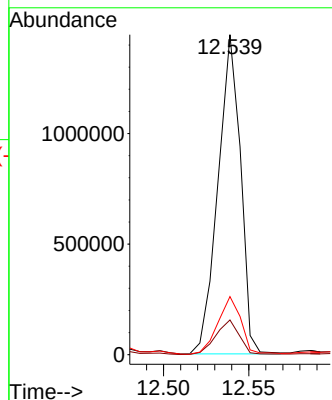
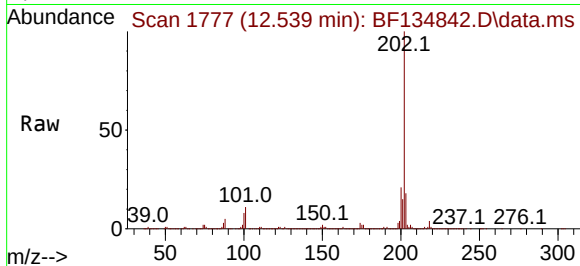




#75
Fluoranthene
Concen: 72.723 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

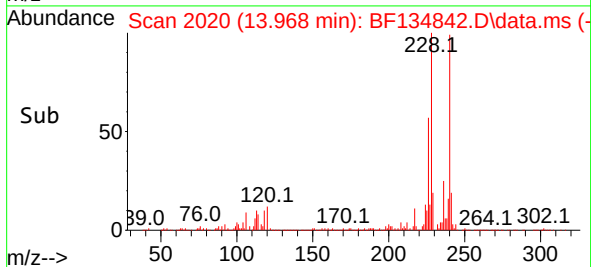
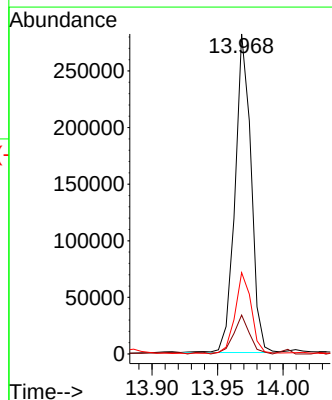
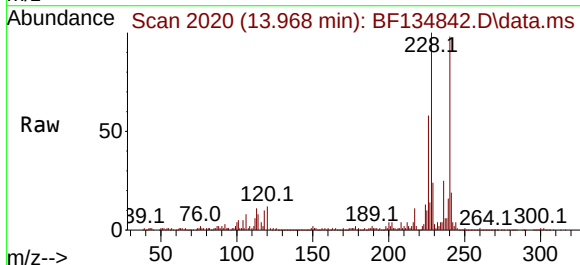
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

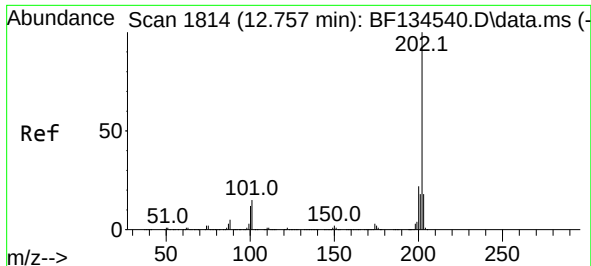
Tgt Ion:202 Resp: 1324348
Ion Ratio Lower Upper
202 100
101 10.9 0.0 28.5
203 18.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion:240 Resp: 239642
Ion Ratio Lower Upper
240 100
120 12.1 6.6 10.0#
236 25.4 20.2 30.2

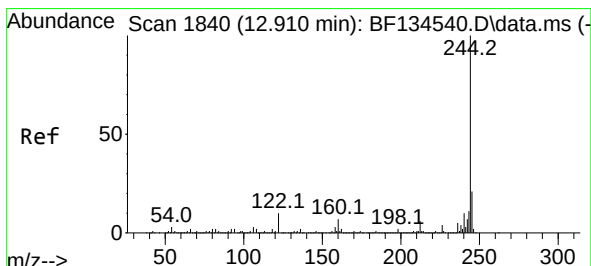
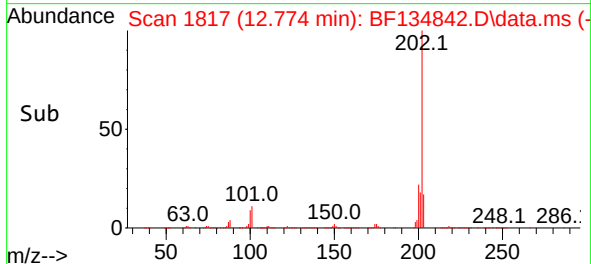
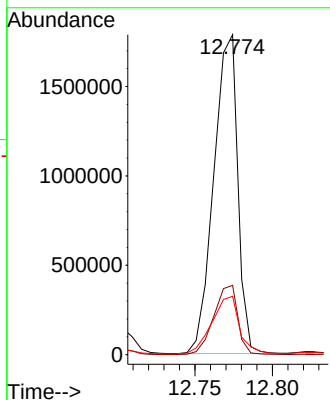
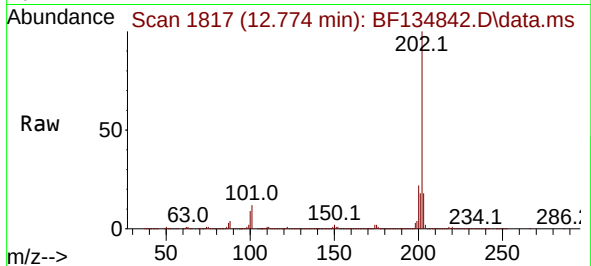




#78
Pyrene
Concen: 92.804 ng
RT: 12.774 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

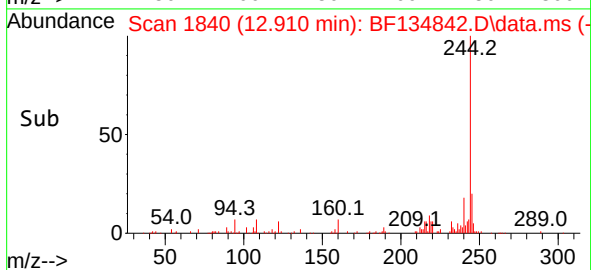
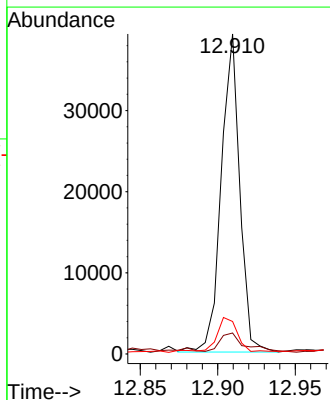
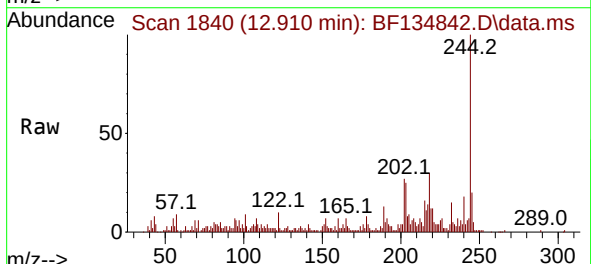
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

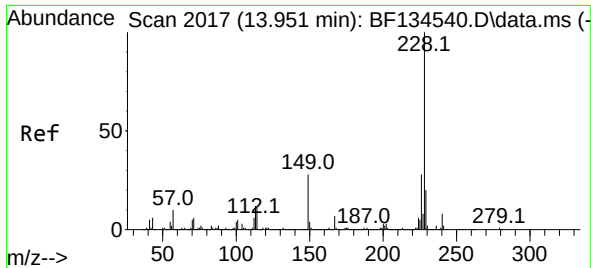
Tgt Ion:202 Resp: 1924442
Ion Ratio Lower Upper
202 100
200 21.6 15.8 23.8
203 18.3 13.5 20.3



#79
Terphenyl-d14
Concen: 2.396 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion:244 Resp: 32577
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 10.2 8.0 12.0

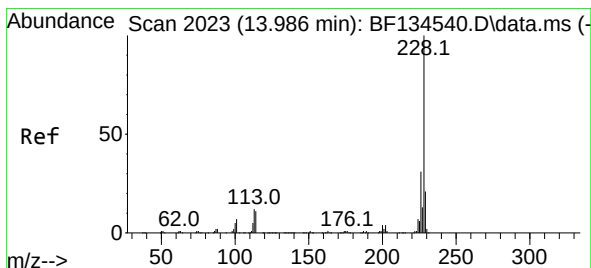
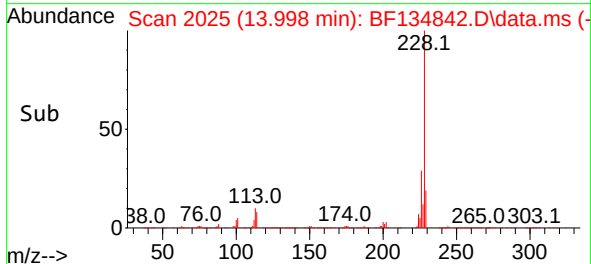
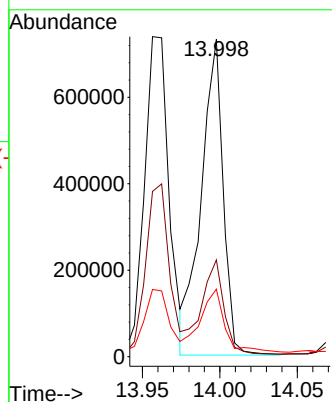
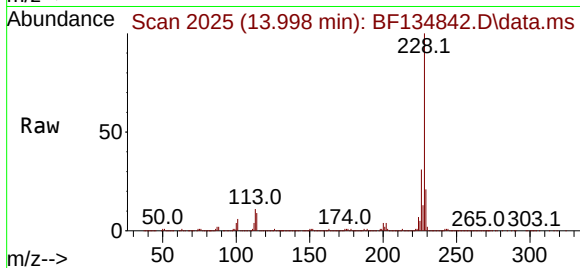




#81
Benzo(a)anthracene
Concen: 42.089 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.035 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

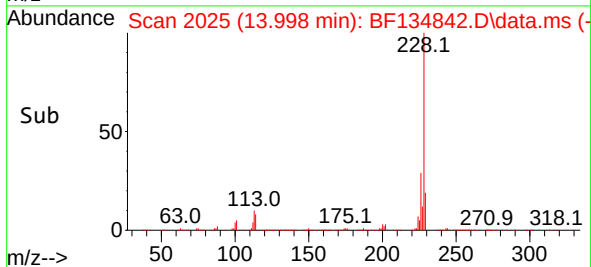
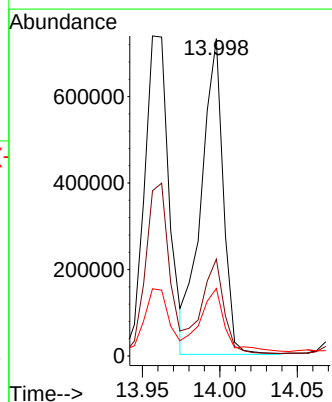
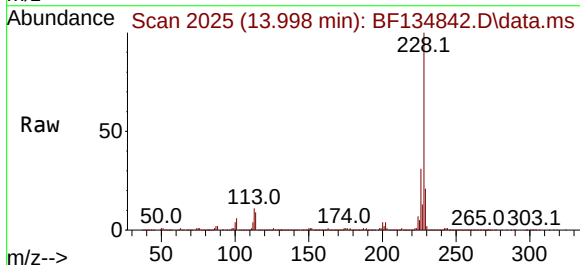
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

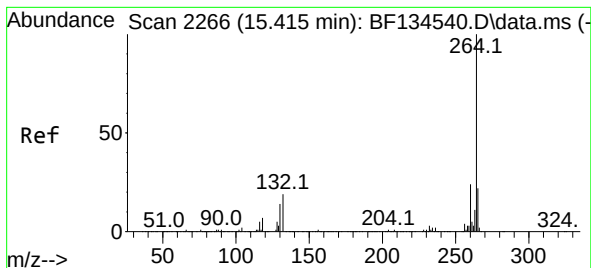
Tgt Ion:228 Resp: 721221
Ion Ratio Lower Upper
228 100
226 30.5 22.3 33.5
229 21.3 15.8 23.6



#83
Chrysene
Concen: 43.201 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF134842.D
Acq: 18 Aug 2023 16:06

Tgt Ion:228 Resp: 721223
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 21.3 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

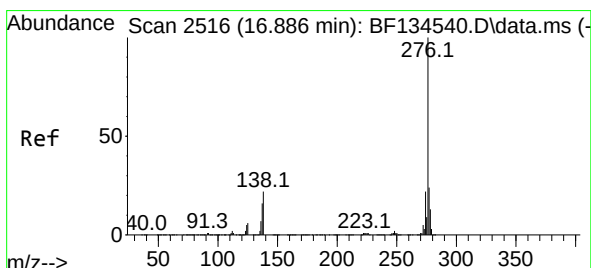
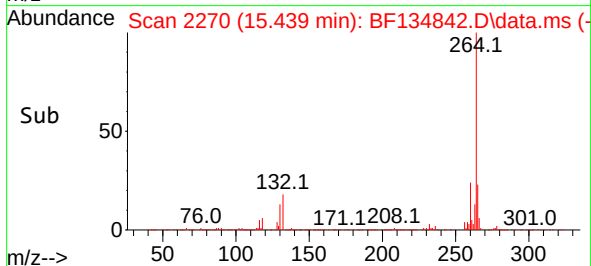
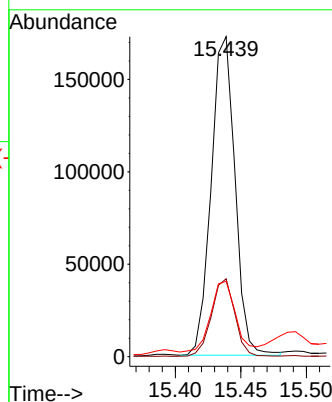
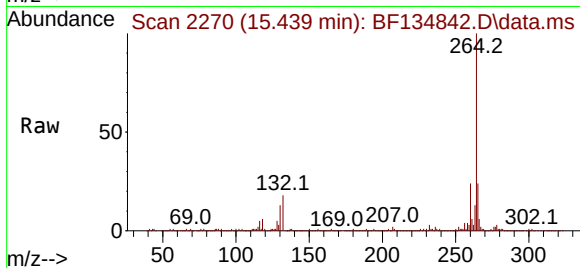
Tgt Ion:264 Resp: 217891

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 23.6 15.8 23.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 10.276 ng

RT: 16.915 min Scan# 2521

Delta R.T. -0.012 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

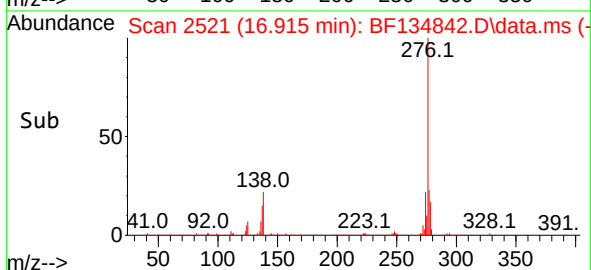
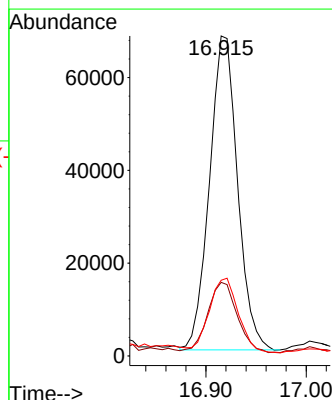
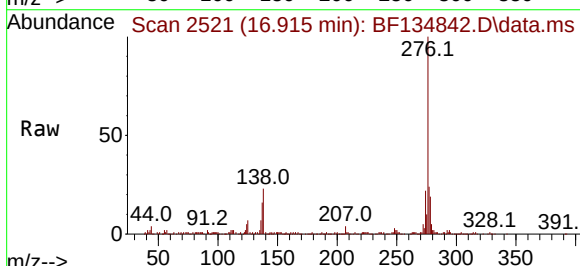
Tgt Ion:276 Resp: 131688

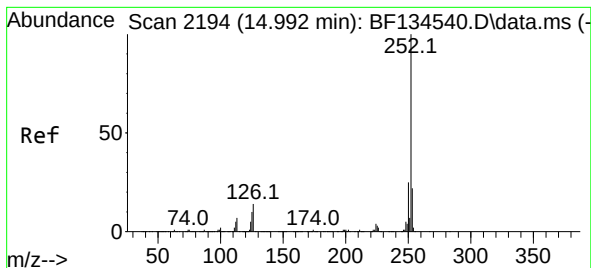
Ion Ratio Lower Upper

276 100

138 23.7 14.2 21.4#

277 25.0 19.9 29.9





#88

Benzo(b)fluoranthene

Concen: 44.033 ng

RT: 15.009 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

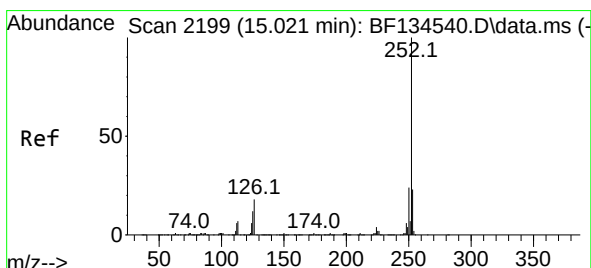
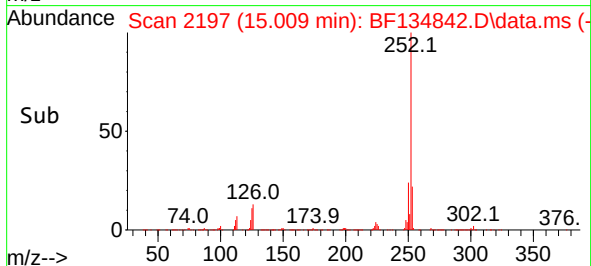
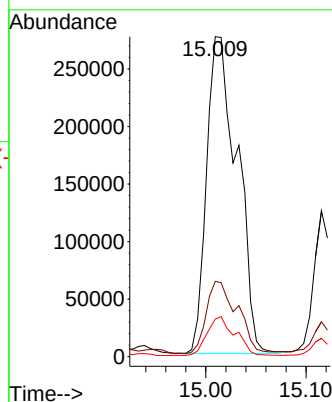
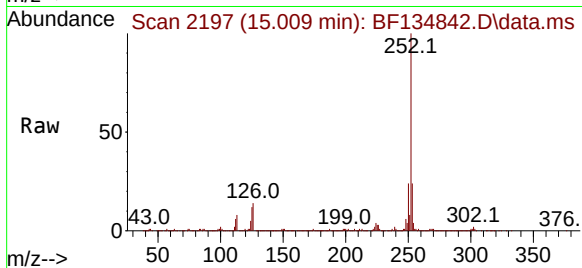
Tgt Ion:252 Resp: 585151

Ion Ratio Lower Upper

252 100

253 23.6 17.3 25.9

125 11.7 6.0 9.0#



#89

Benzo(k)fluoranthene

Concen: 44.202 ng

RT: 15.009 min Scan# 2197

Delta R.T. -0.030 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

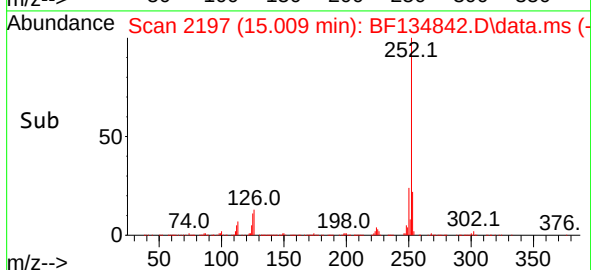
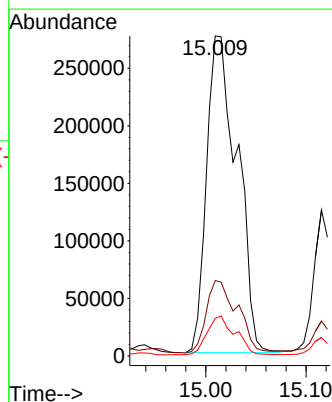
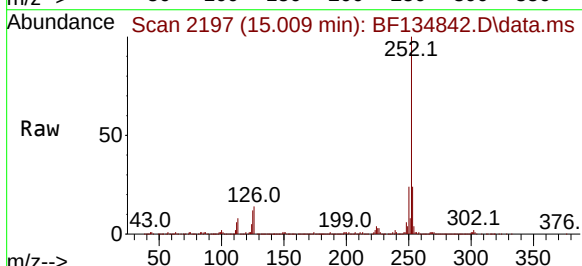
Tgt Ion:252 Resp: 585151

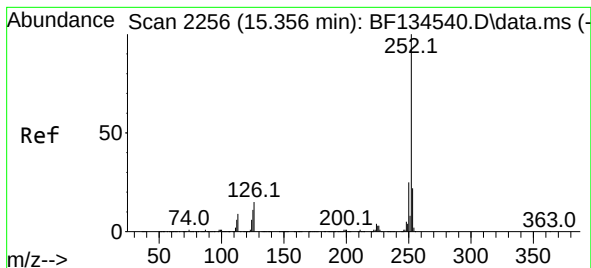
Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

125 11.7 6.3 9.5#





#90

Benzo(a)pyrene

Concen: 39.772 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84

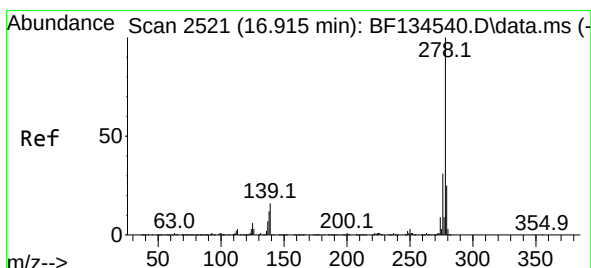
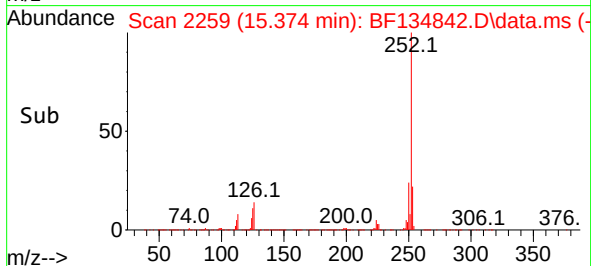
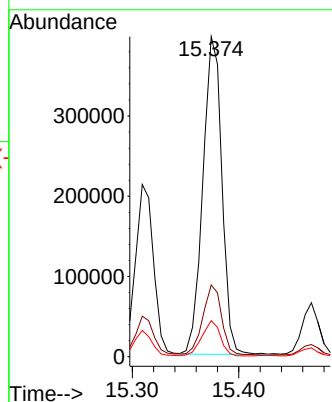
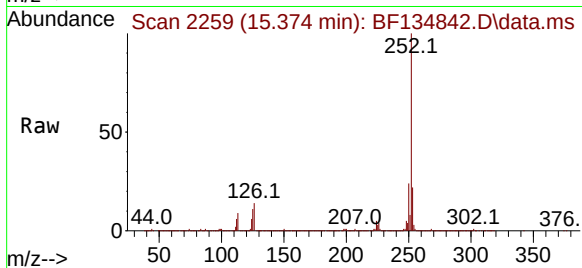
Tgt Ion:252 Resp: 492785

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 11.3 6.2 9.4#



#91

Dibenzo(a,h)anthracene

Concen: 3.553 ng

RT: 16.933 min Scan# 2524

Delta R.T. -0.018 min

Lab File: BF134842.D

Acq: 18 Aug 2023 16:06

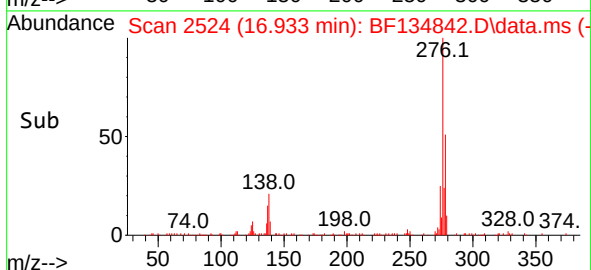
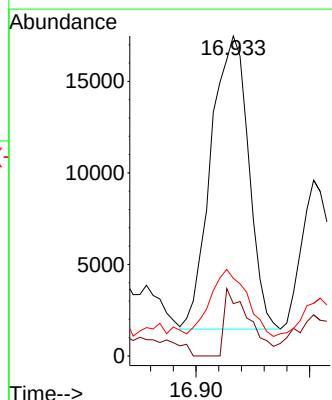
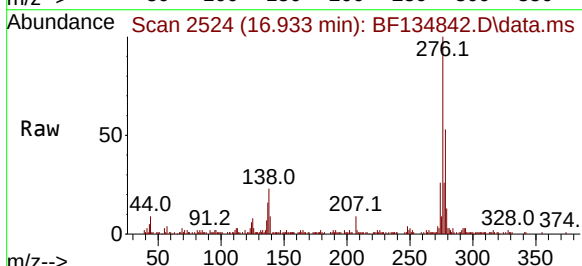
Tgt Ion:278 Resp: 36793

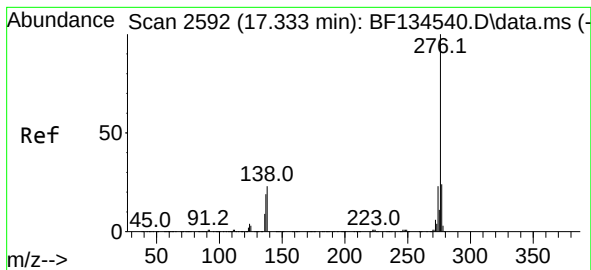
Ion Ratio Lower Upper

278 100

139 16.3 10.0 15.0#

279 24.2 19.7 29.5





#92

Benzo(g,h,i)perylene

Concen: 13.733 ng

RT: 17.368 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134842.D

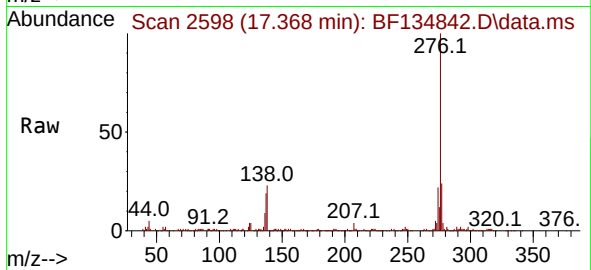
Acq: 18 Aug 2023 16:06

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z83-84



Tgt Ion:276 Resp: 145073

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 22.9 12.2 18.2#

