

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
 Data File : BF134953.D
 Acq On : 25 Aug 2023 21:50
 Operator : CG\JU
 Sample : 04093-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z45-46

Quant Time: Aug 26 02:52:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	94105	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	331313	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	162852	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	257175	20.000	ng	0.00
76) Chrysene-d12	13.980	240	185276	20.000	ng	0.00
86) Perylene-d12	15.451	264	169700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	443825	75.208	ng	0.00
7) Phenol-d6	6.422	99	553722	73.431	ng	-0.02
23) Nitrobenzene-d5	7.351	82	317862	52.866	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	101077	52.699	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	564368	53.573	ng	-0.01
79) Terphenyl-d14	12.916	244	542455	40.269	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.345	77	9136	2.209	ng	# 1
18) Hexachloroethane	7.322	117	22415	9.581	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	42843	9.728	ng	# 76
20) 3+4-Methylphenols	7.198	107	259	Below Cal		# 1
25) Isophorone	7.351	82	312645	27.847	ng	# 64
31) Naphthalene	8.116	128	5691205	344.016	ng	97
33) 4-Chloroaniline	8.116	127	817186	115.128	ng	# 36
35) Caprolactam	8.492	113	5045	3.339	ng	# 1
37) 2-Methylnaphthalene	8.786	142	972468	88.145	ng	98
38) 1-Methylnaphthalene	8.892	142	1582775	153.425	ng	99
46) 1,1'-Biphenyl	9.251	154	548108	42.632	ng	99
48) 2-Nitroaniline	9.345	65	8993	2.849	ng	# 26
49) Acenaphthylene	9.692	152	313818	21.223	ng	# 92
51) 2,6-Dinitrotoluene	9.522	165	10372	4.057	ng	# 21
52) Acenaphthene	9.875	154	1394965	149.753	ng	98
55) Dibenzofuran	10.033	168	130209	9.601	ng	# 68
56) 4-Nitrophenol	9.933	139	25993	13.357	ng	# 25
57) 2,4-Dinitrotoluene	10.033	165	12053	3.812	ng	# 54
58) Fluorene	10.380	166	856709	83.287	ng	99
62) 4-Nitroaniline	10.380	138	10325	3.955	ng	# 26
66) n-Nitrosodiphenylamine	10.492	169	47081	5.685	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	6654	2.243	ng	# 1
71) Phenanthrene	11.363	178	3150828	233.803	ng	98
72) Anthracene	11.404	178	1163886	84.291	ng	99
73) Carbazole	11.557	167	26395	2.320	ng	# 81
75) Fluoranthene	12.551	202	1538426	120.481	ng	98
78) Pyrene	12.780	202	2288334	116.490	ng	98
81) Benzo(a)anthracene	14.010	228	761414	60.234	ng	95
83) Chrysene	14.010	228	761414	61.048	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	170706	14.073	ng	96
88) Benzo(b)fluoranthene	15.027	252	659512	68.883	ng	99
89) Benzo(k)fluoranthene	15.027	252	659512	70.147	ng	96
90) Benzo(a)pyrene	15.392	252	584983	61.204	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	52631	5.363	ng	93
92) Benzo(g,h,i)perylene	17.392	276	187282	18.641	ng	99

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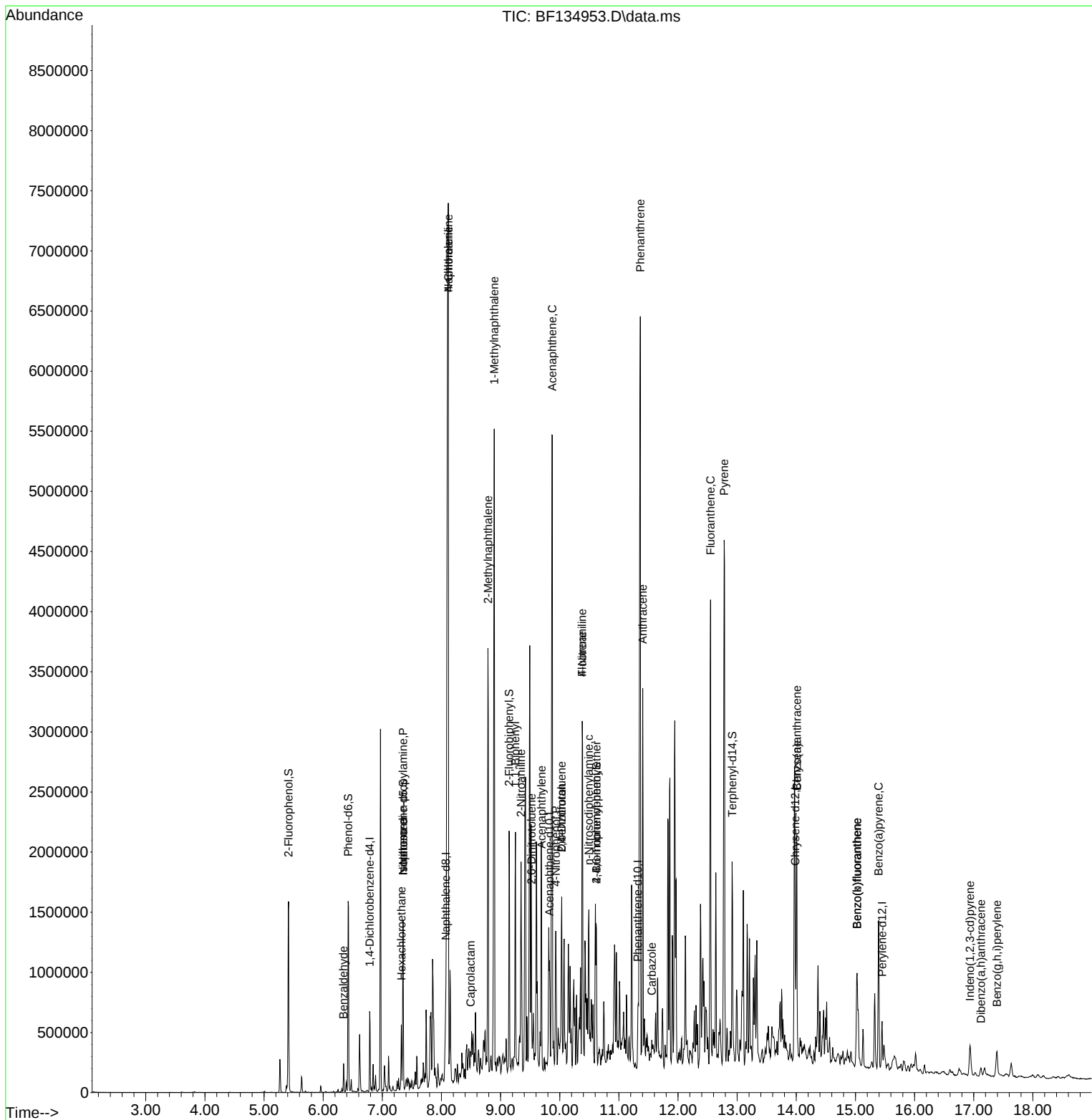
Quant Time: Aug 26 02:52:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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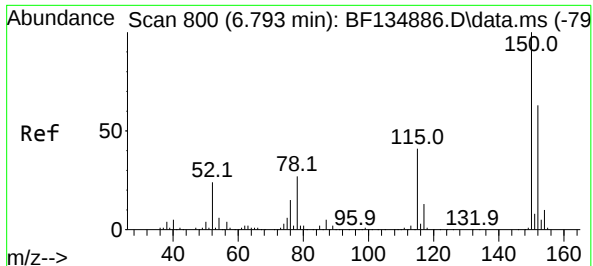
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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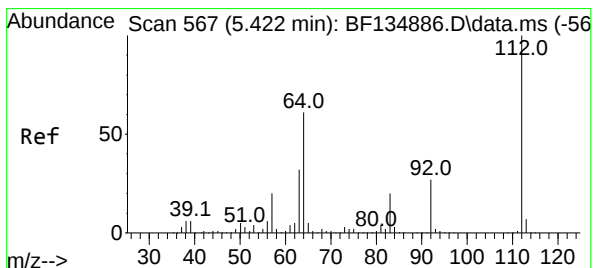
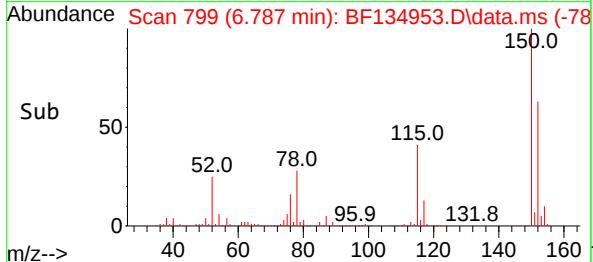
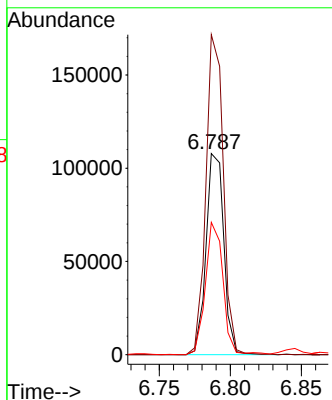
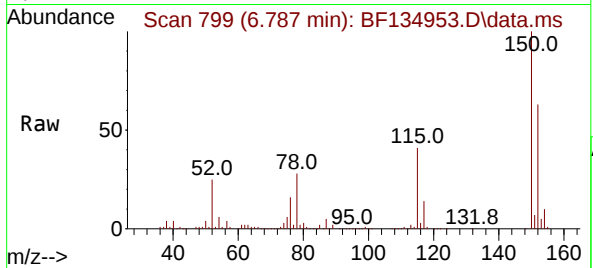




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

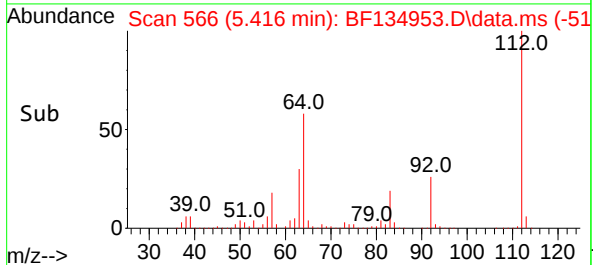
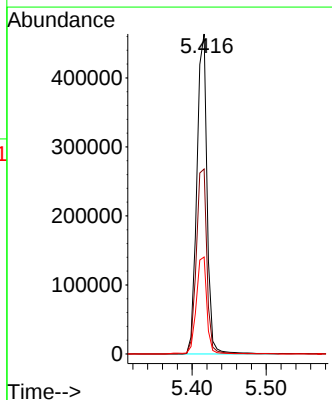
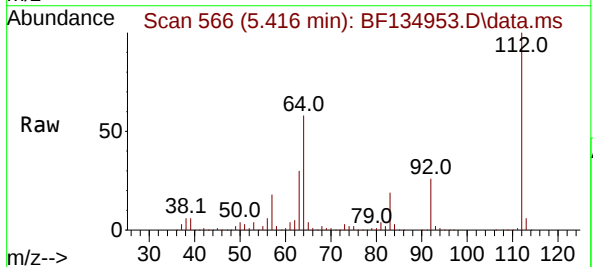
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

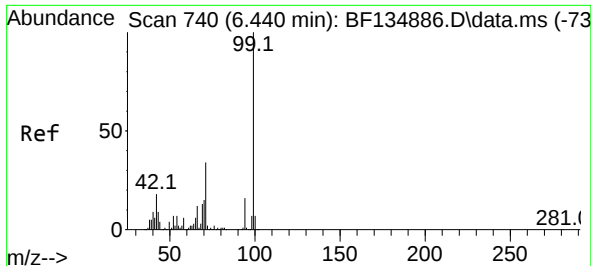
Tgt Ion:152 Resp: 94105
Ion Ratio Lower Upper
152 100
150 159.1 126.1 189.1
115 65.8 51.1 76.7



#5
2-Fluorophenol
Concen: 75.208 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Tgt Ion:112 Resp: 443825
Ion Ratio Lower Upper
112 100
64 57.8 48.6 73.0
63 30.3 25.7 38.5

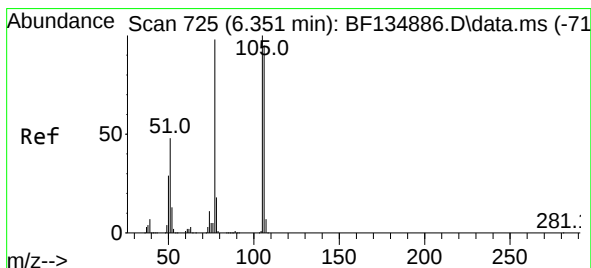
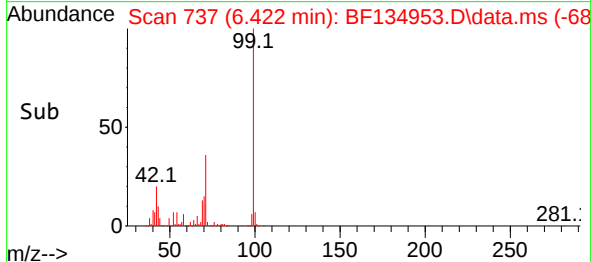
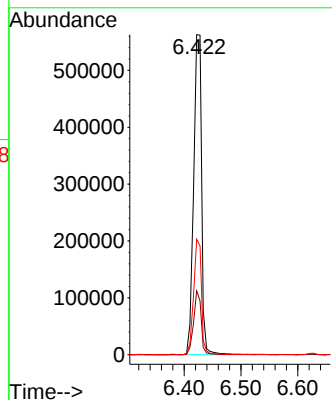
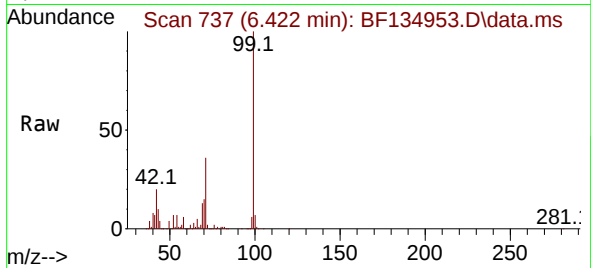




#7
Phenol-d6
Concen: 73.431 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

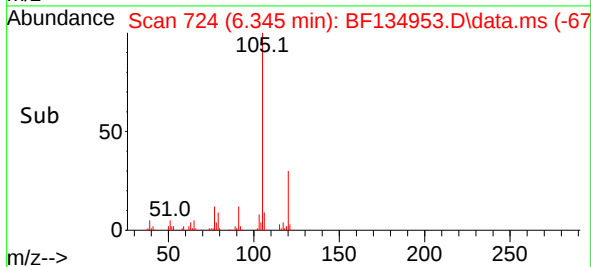
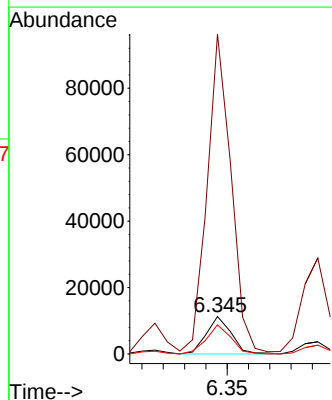
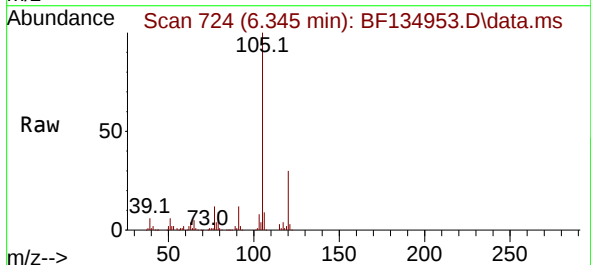
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

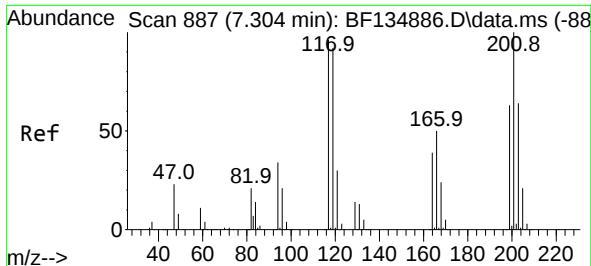
Tgt Ion: 99 Resp: 553722
Ion Ratio Lower Upper
99 100
42 19.9 14.6 22.0
71 36.1 27.6 41.4



#9
Benzaldehyde
Concen: 2.209 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Tgt Ion: 77 Resp: 9136
Ion Ratio Lower Upper
77 100
105 854.2 82.4 122.4#
106 77.9 77.2 117.2

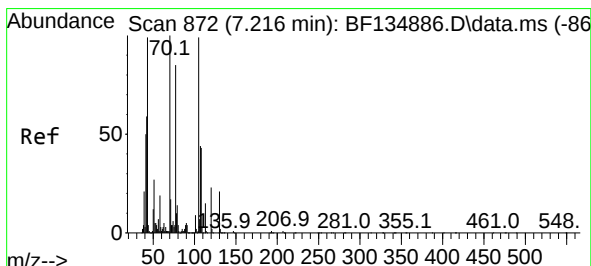
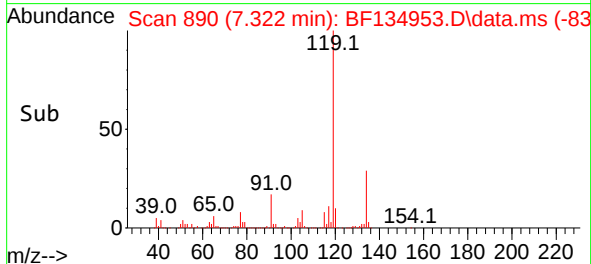
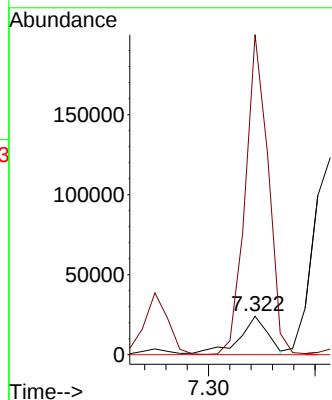
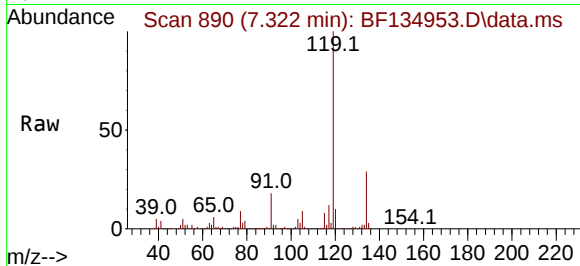




#18
Hexachloroethane
Concen: 9.581 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.018 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

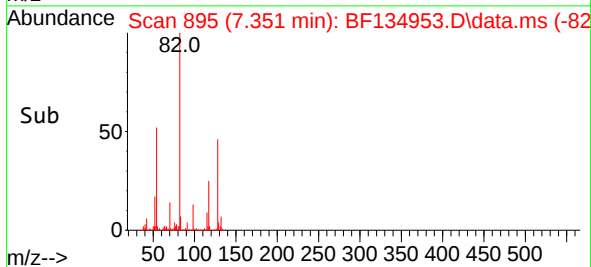
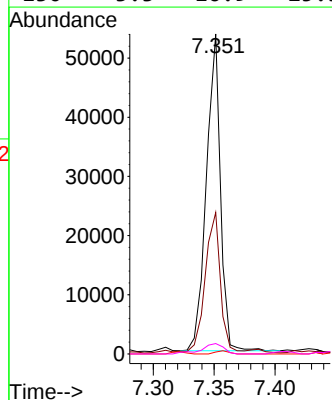
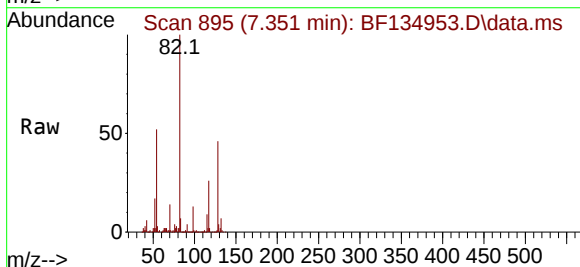
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

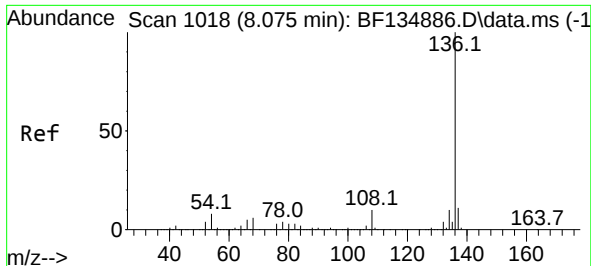
Tgt Ion:117 Resp: 22415
Ion Ratio Lower Upper
117 100
119 832.0 76.6 114.8#
201 0.0 83.4 125.2#



#19
n-Nitroso-di-n-propylamine
Concen: 9.728 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Tgt Ion: 70 Resp: 42843
Ion Ratio Lower Upper
70 100
42 44.2 46.9 70.3#
101 0.6 7.5 11.3#
130 3.3 16.9 25.3#

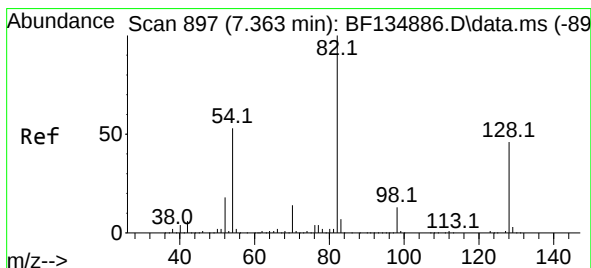
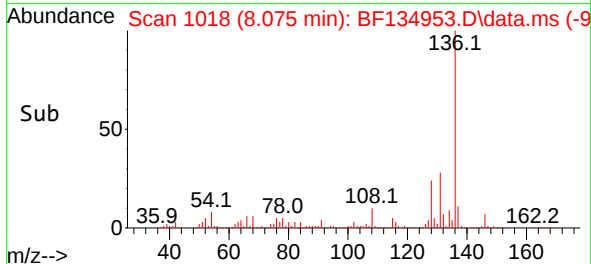
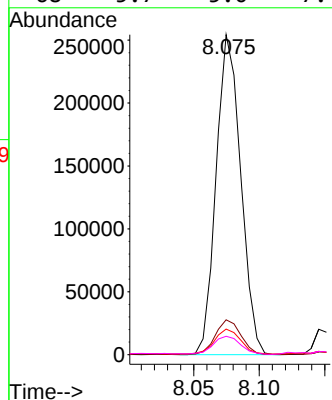
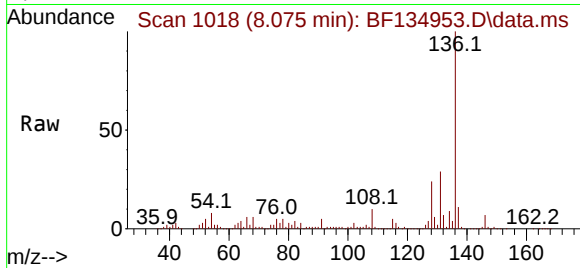




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

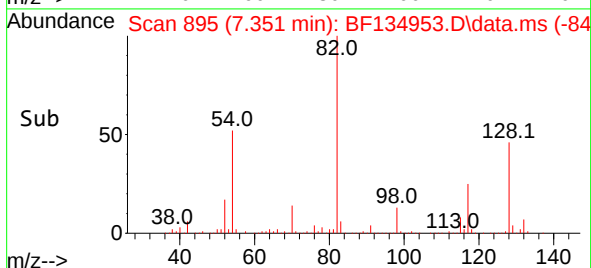
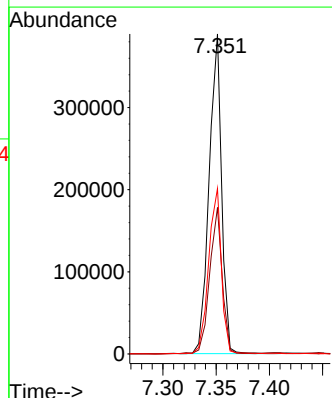
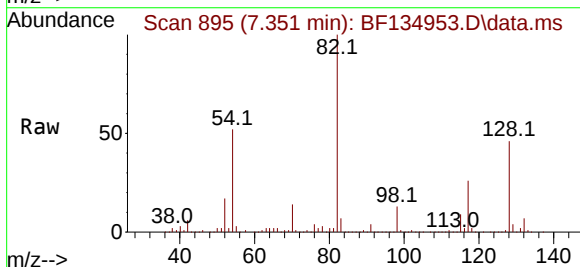
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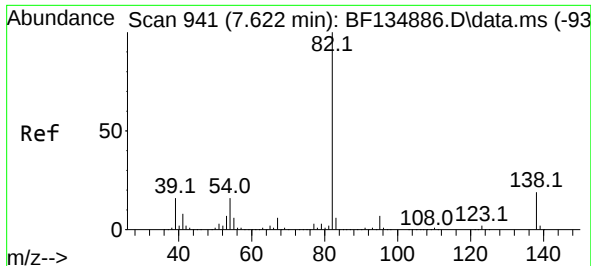
Tgt Ion:	136	Resp:	331313
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.0	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 52.866 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Tgt Ion:	82	Resp:	317862
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.6	54.8
54	51.7	42.6	63.8

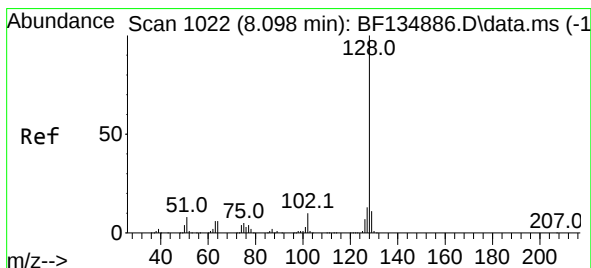
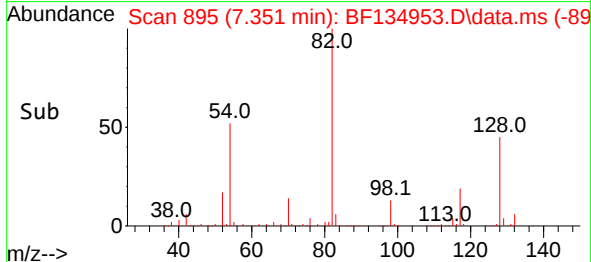
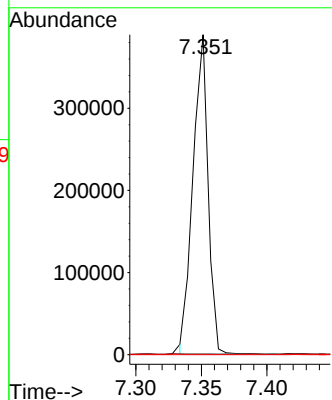
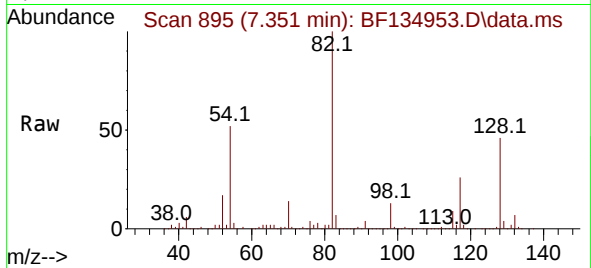




#25
Isophorone
Concen: 27.847 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF134953.D
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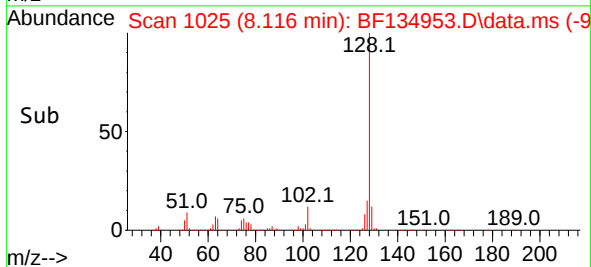
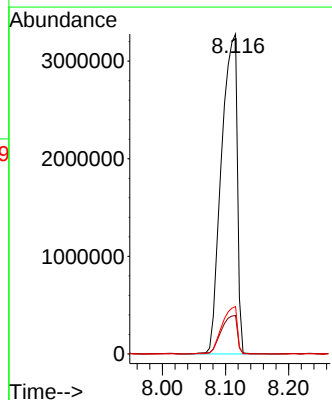
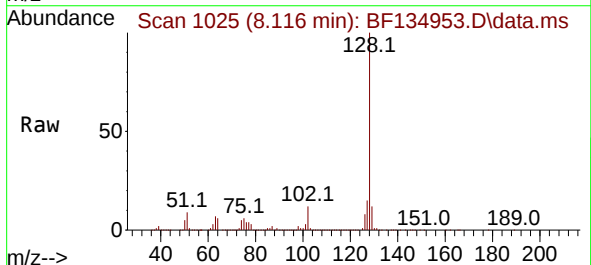
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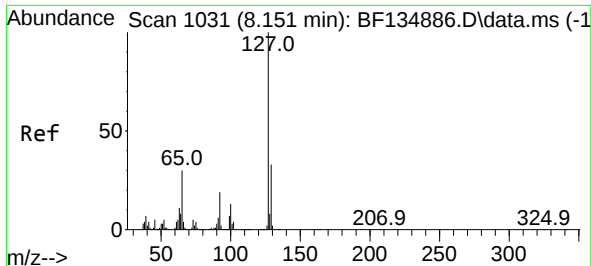
Tgt Ion: 82 Resp: 312645
Ion Ratio Lower Upper
82 100
95 0.2 5.9 8.9#
138 0.0 14.9 22.3#



#31
Naphthalene
Concen: 344.016 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.018 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Tgt Ion: 128 Resp: 5691205
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.4
127 14.8 10.6 16.0

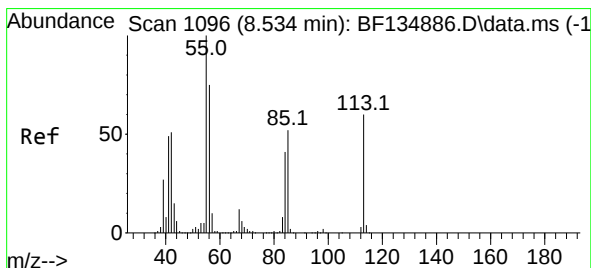
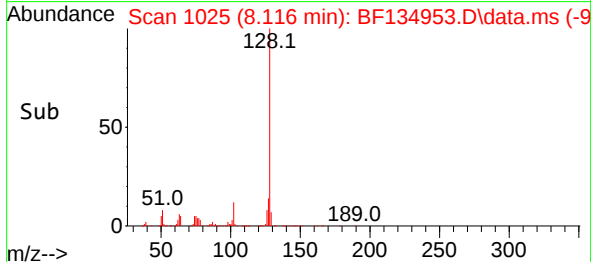
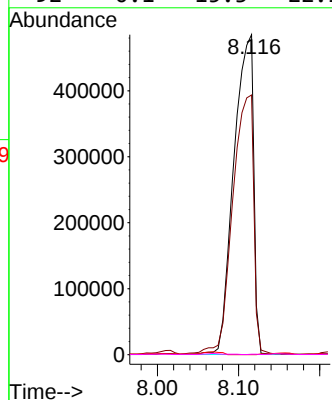
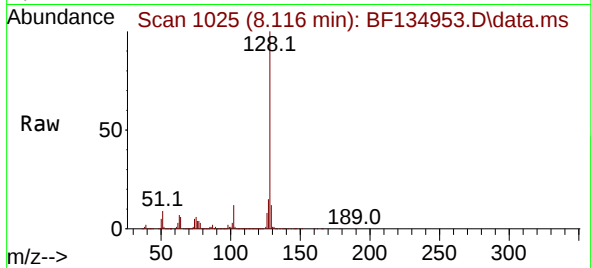




#33
4-Chloroaniline
Concen: 115.128 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.035 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

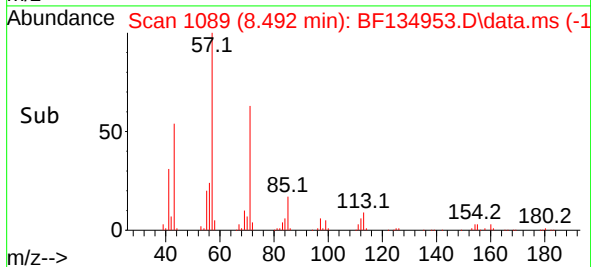
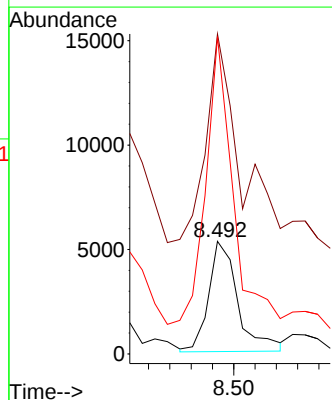
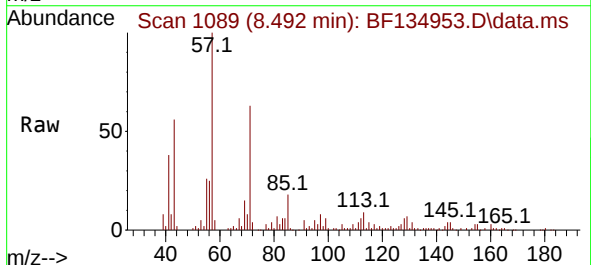
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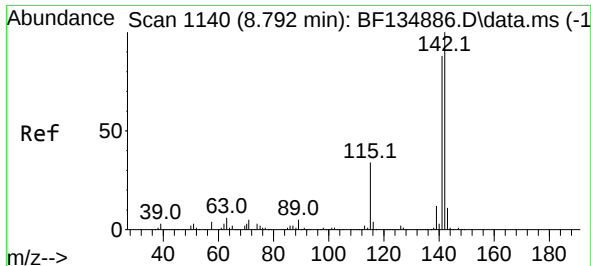
Tgt Ion:127	Resp: 817186
Ion Ratio	Lower Upper
127 100	
129 81.1	26.4 39.6#
65 0.0	23.8 35.8#
92 0.1	15.3 22.9#



#35
Caprolactam
Concen: 3.339 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.041 min
Lab File: BF134953.D
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Tgt	Ion:113	Resp:	5045
Ion	Ratio	Lower	Upper
113	100		
55	284.2	147.2	187.2#
56	281.8	106.0	146.0#





#37

2-Methylnaphthalene

Concen: 88.145 ng

RT: 8.786 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF134953.D

Acq: 25 Aug 2023 21:50

Instrument :

BNA_F

ClientSampleId :

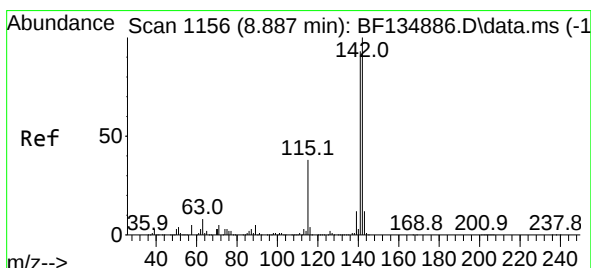
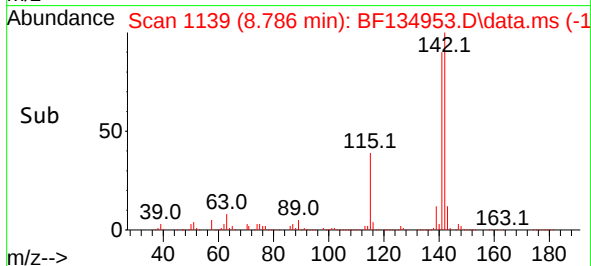
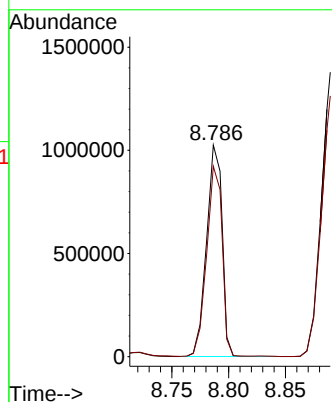
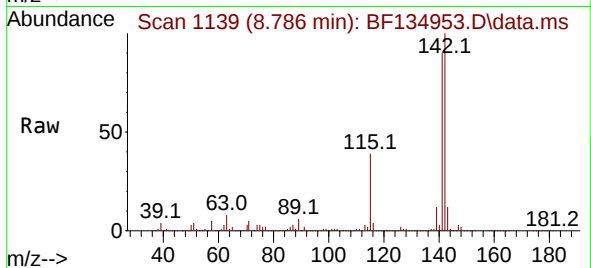
NEVINS-SB04-Z45-46

Tgt Ion:142 Resp: 972468

Ion Ratio Lower Upper

142 100

141 90.0 70.2 105.2



#38

1-Methylnaphthalene

Concen: 153.425 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BF134953.D

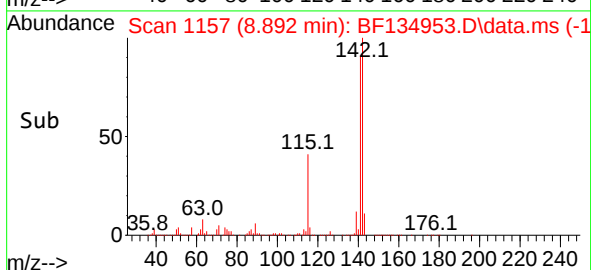
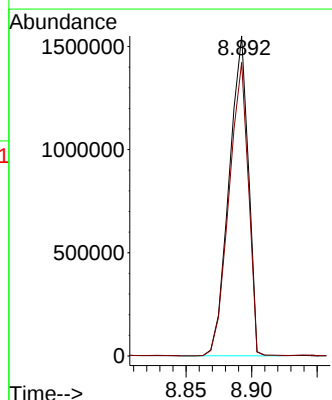
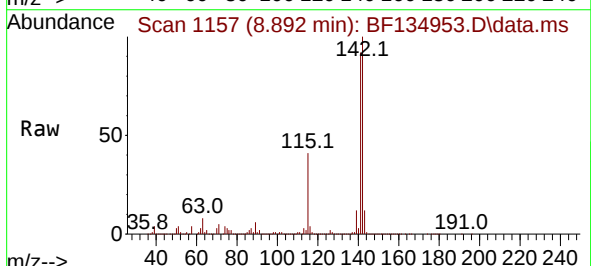
Acq: 25 Aug 2023 21:50

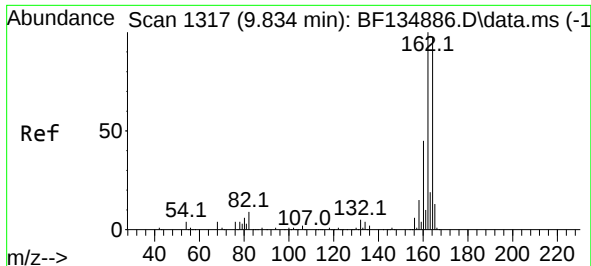
Tgt Ion:142 Resp: 1582775

Ion Ratio Lower Upper

142 100

141 91.7 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134953.D

Acq: 25 Aug 2023 21:50

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z45-46

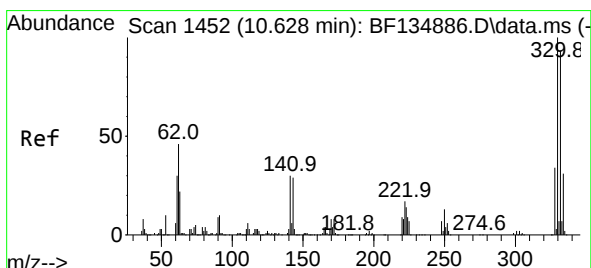
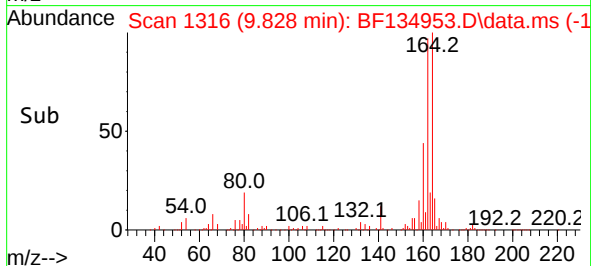
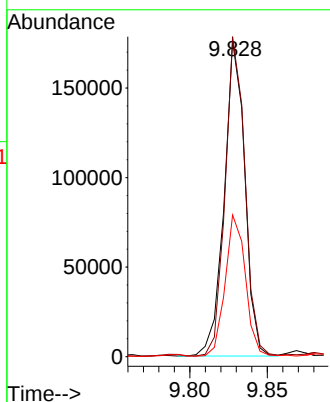
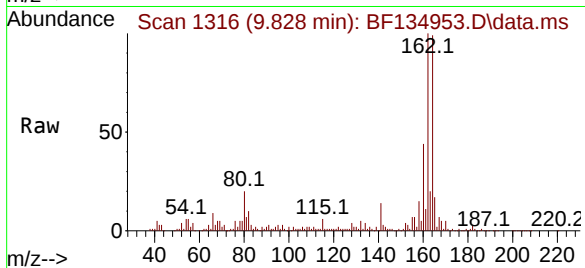
Tgt Ion:164 Resp: 162852

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

160 44.9 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 52.699 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134953.D

Acq: 25 Aug 2023 21:50

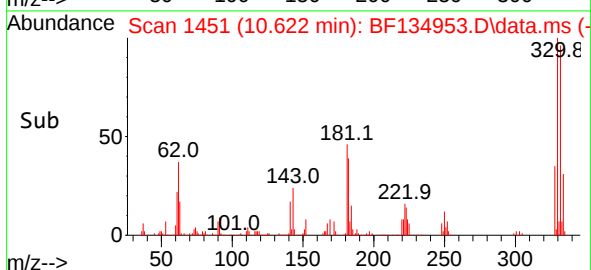
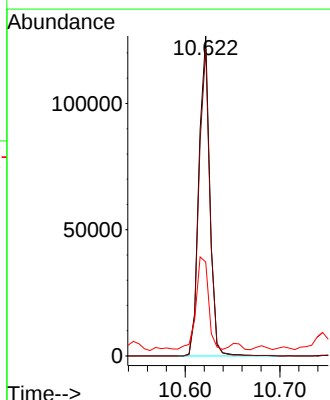
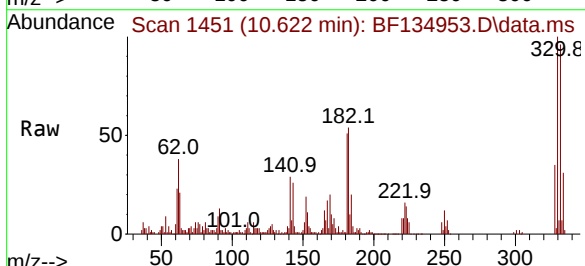
Tgt Ion:330 Resp: 101077

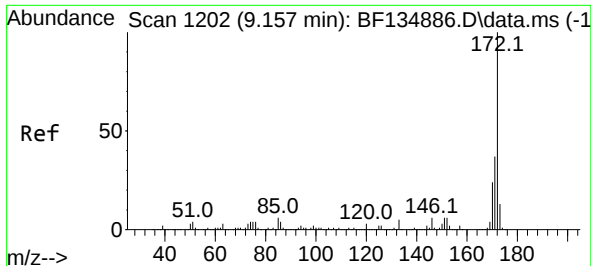
Ion Ratio Lower Upper

330 100

332 95.9 76.3 114.5

141 32.7 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 53.573 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134953.D

Acq: 25 Aug 2023 21:50

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z45-46

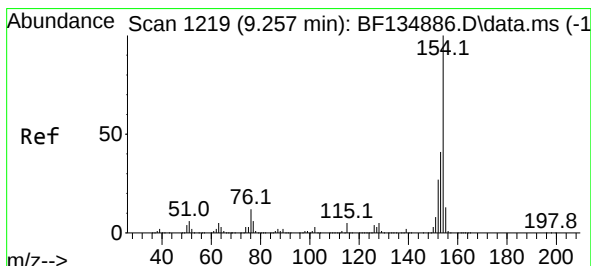
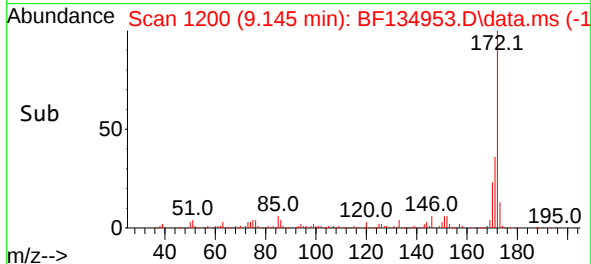
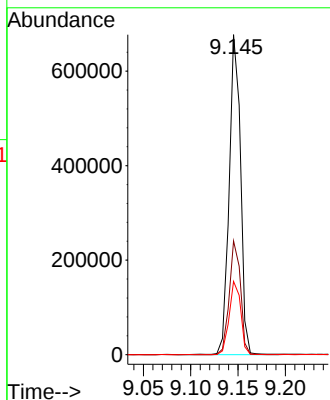
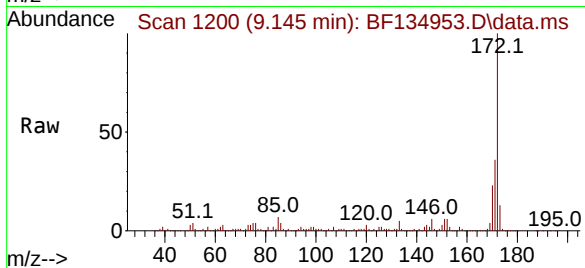
Tgt Ion:172 Resp: 564368

Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.0

170 22.9 19.6 29.4



#46

1,1'-Biphenyl

Concen: 42.632 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF134953.D

Acq: 25 Aug 2023 21:50

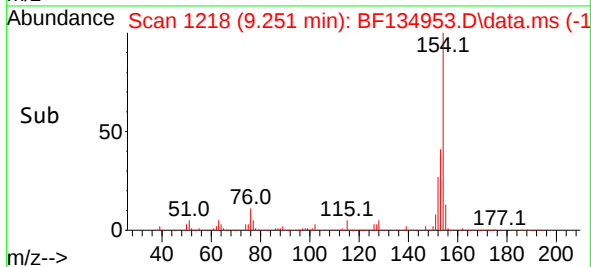
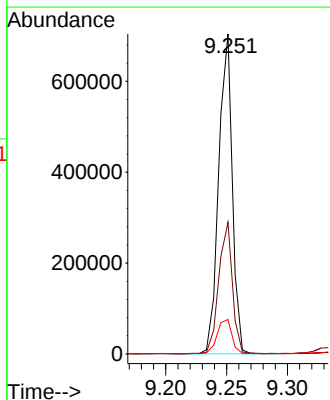
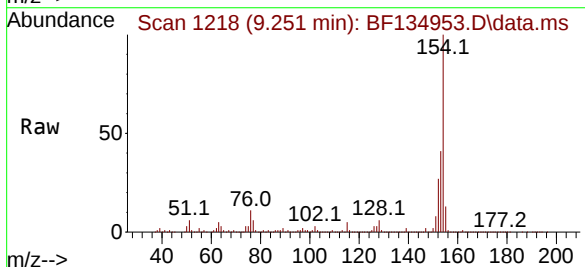
Tgt Ion:154 Resp: 548108

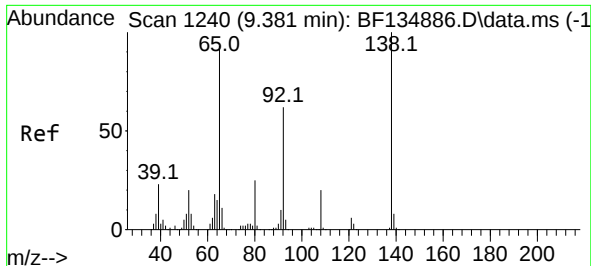
Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

76 10.8 0.0 31.8

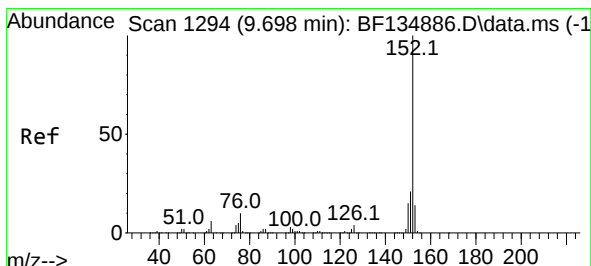
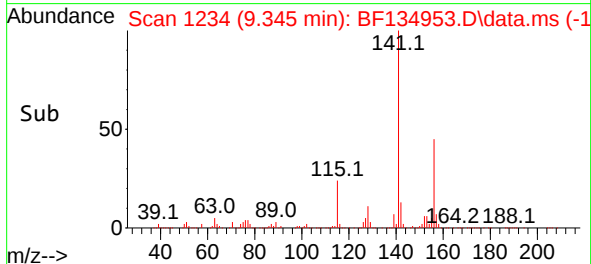
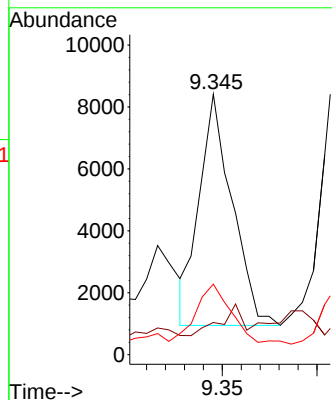
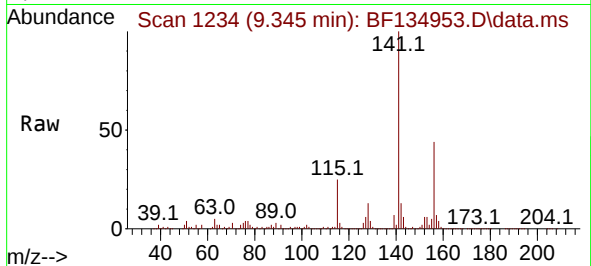




#48
2-Nitroaniline
Concen: 2.849 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.035 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

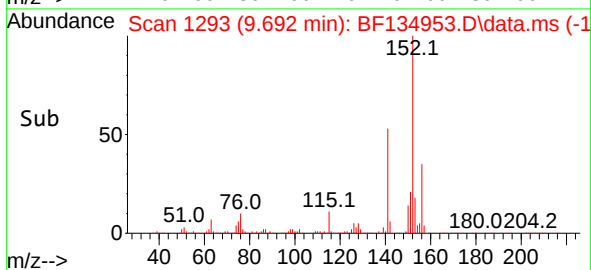
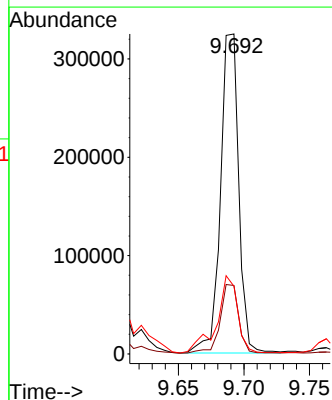
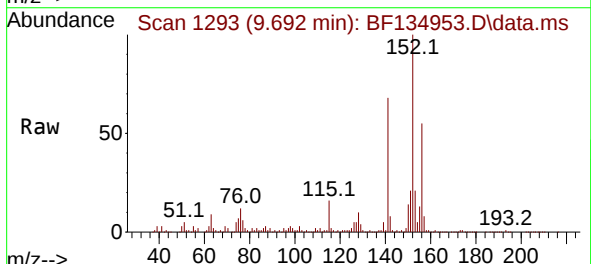
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

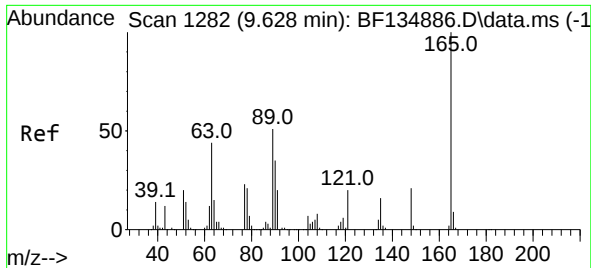
Tgt Ion: 65 Resp: 8993
Ion Ratio Lower Upper
65 100
92 12.4 53.8 80.8#
138 27.1 86.5 129.7#



#49
Acenaphthylene
Concen: 21.223 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Tgt Ion: 152 Resp: 313818
Ion Ratio Lower Upper
152 100
151 21.4 16.5 24.7
153 21.1 11.3 16.9#

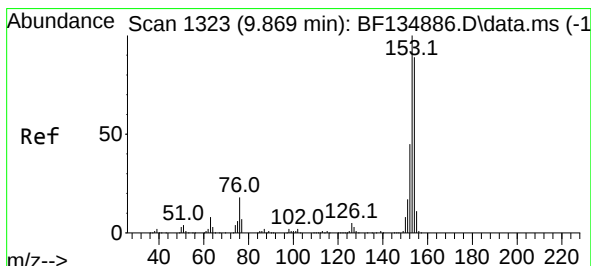
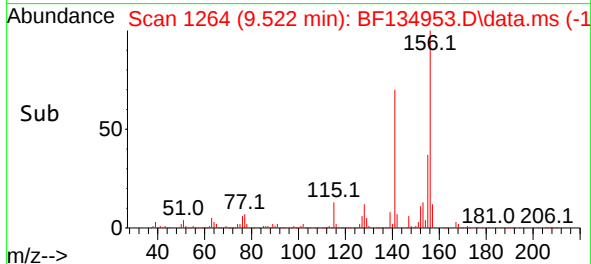
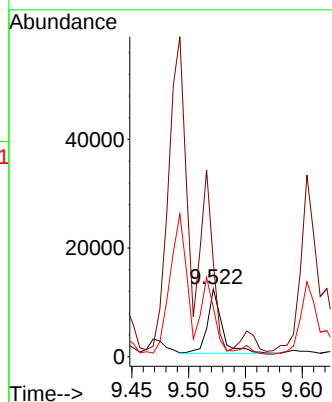
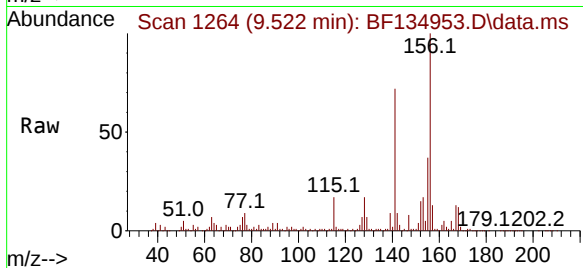




#51
2,6-Dinitrotoluene
Concen: 4.057 ng
RT: 9.522 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

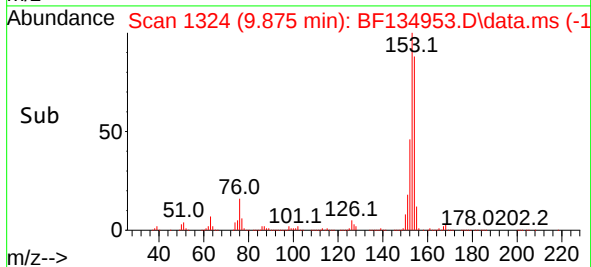
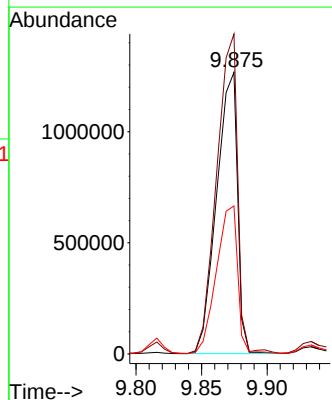
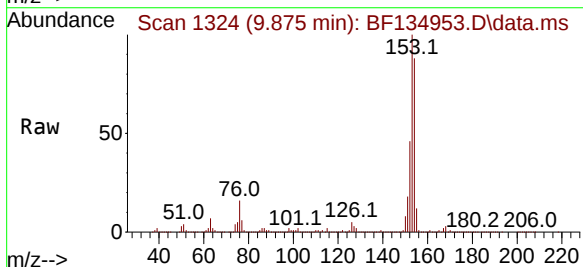
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

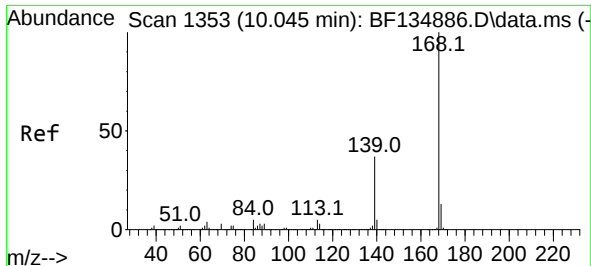
Tgt Ion:165 Resp: 10372
Ion Ratio Lower Upper
165 100
63 139.7 41.4 62.2#
89 72.8 40.9 61.3#



#52
Acenaphthene
Concen: 149.753 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Tgt Ion:154 Resp: 1394965
Ion Ratio Lower Upper
154 100
153 113.6 89.6 134.4
152 52.5 40.5 60.7

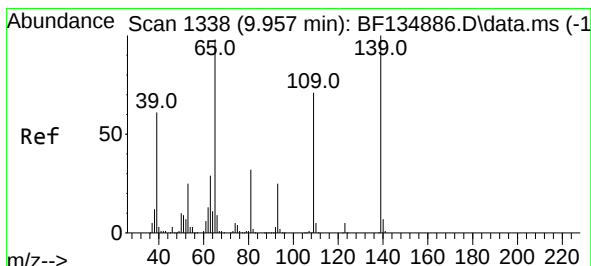
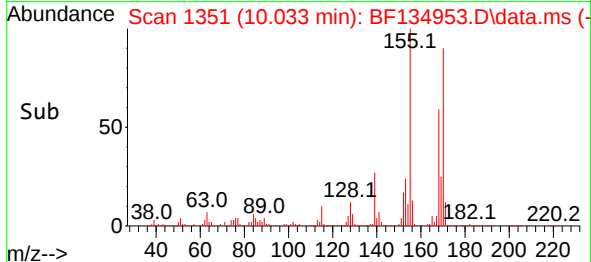
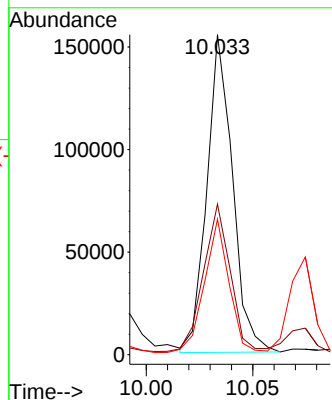
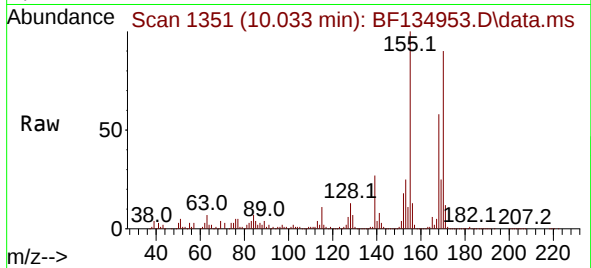




#55
Dibenzenofuran
Concen: 9.601 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

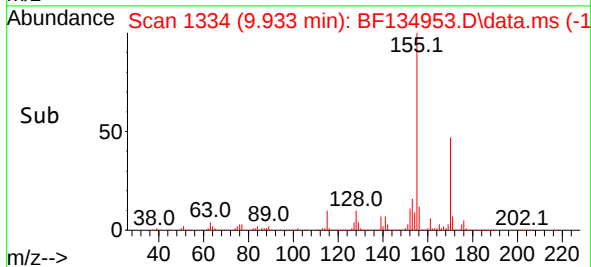
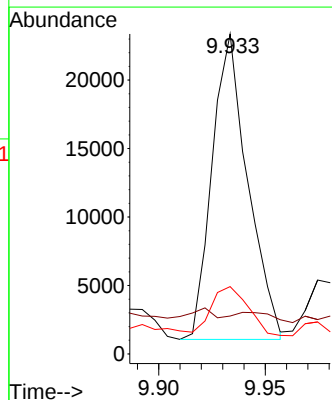
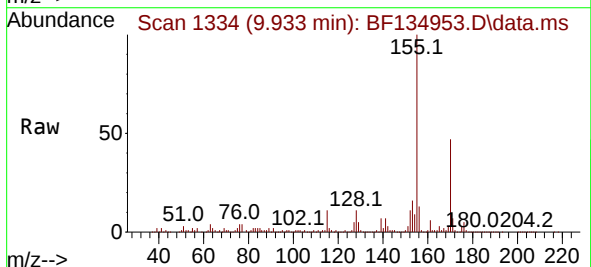
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

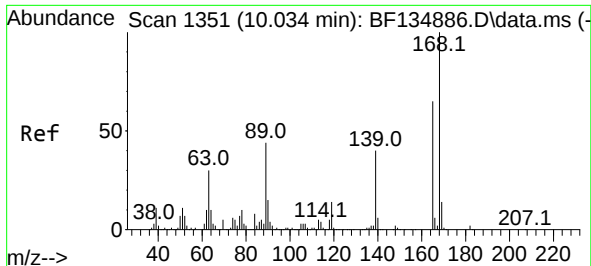
Tgt Ion:168 Resp: 130209
Ion Ratio Lower Upper
168 100
139 47.1 29.5 44.3#
169 42.4 10.7 16.1#



#56
4-Nitrophenol
Concen: 13.357 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.024 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Tgt Ion:139 Resp: 25993
Ion Ratio Lower Upper
139 100
109 11.9 51.0 91.0#
65 21.1 78.5 118.5#

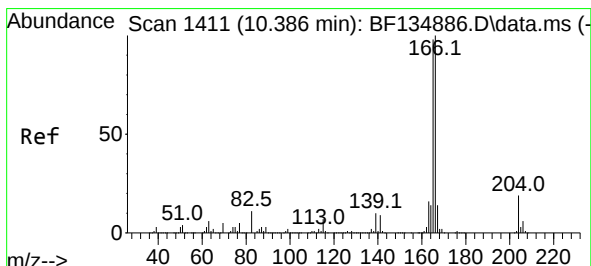
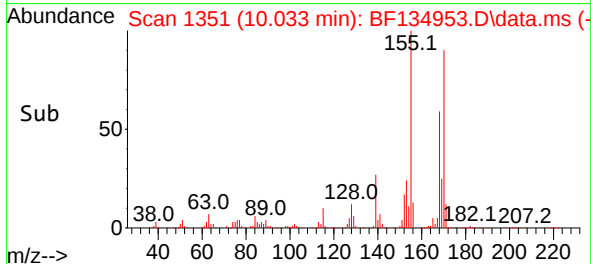
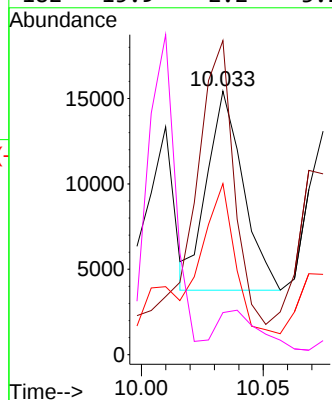
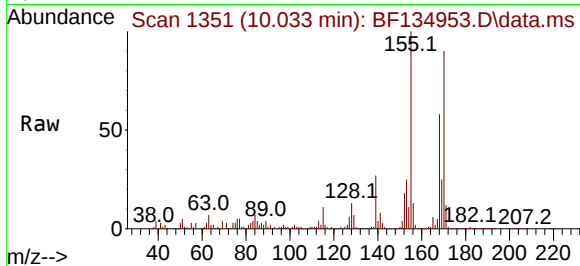




#57
2,4-Dinitrotoluene
Concen: 3.812 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

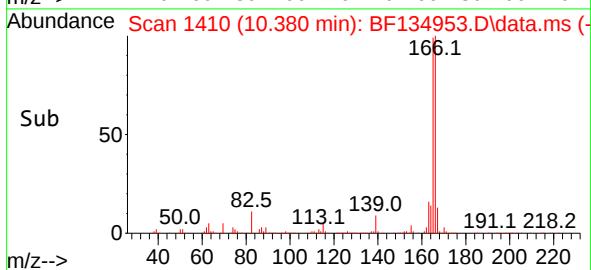
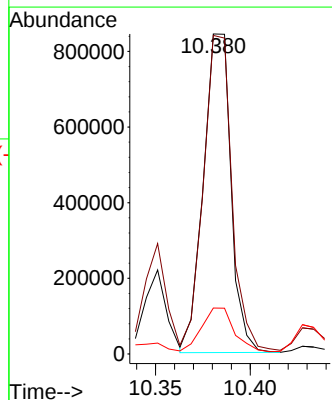
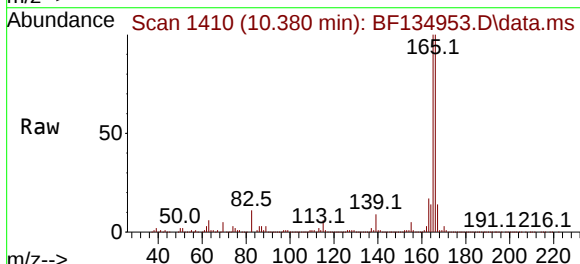
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

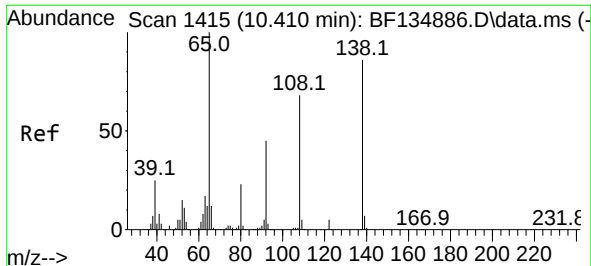
Tgt Ion:165 Resp: 12053
Ion Ratio Lower Upper
165 100
63 119.2 37.7 56.5#
89 64.9 54.2 81.4
182 15.9 2.2 3.2#



#58
Fluorene
Concen: 83.287 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Tgt Ion:166 Resp: 856709
Ion Ratio Lower Upper
166 100
165 99.5 78.5 117.7
167 14.4 11.0 16.6

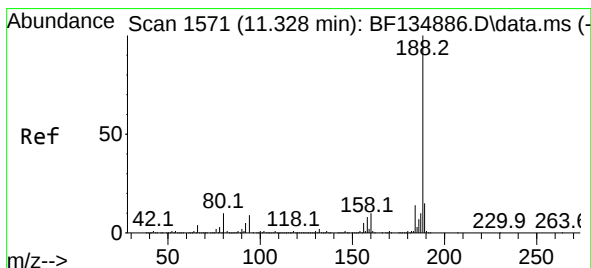
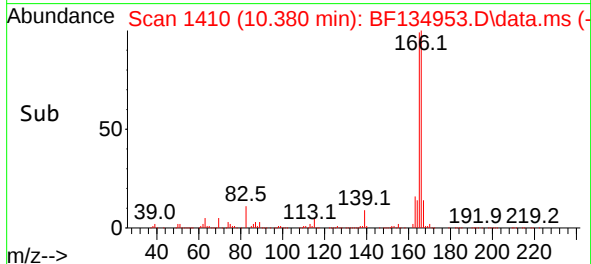
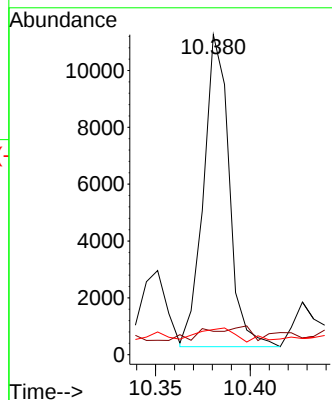
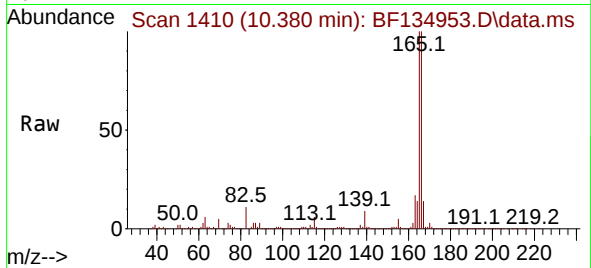




#62
4-Nitroaniline
Concen: 3.955 ng
RT: 10.380 min Scan# 1415
Delta R.T. -0.029 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

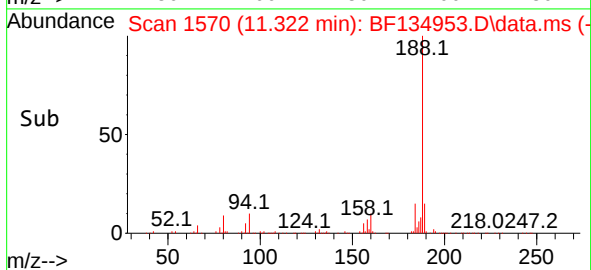
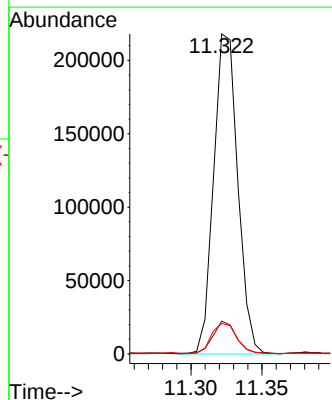
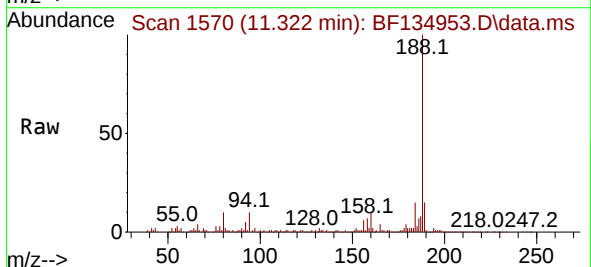
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

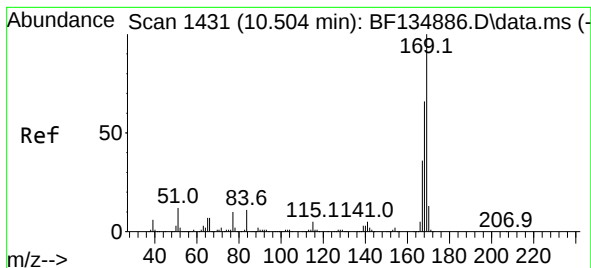
Tgt Ion:138 Resp: 10325
Ion Ratio Lower Upper
138 100
92 7.3 32.5 72.5#
108 7.9 58.6 98.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Tgt Ion:188 Resp: 257175
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 9.5 7.8 11.6





#66

n-Nitrosodiphenylamine

Concen: 5.685 ng

RT: 10.492 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF134953.D

Acq: 25 Aug 2023 21:50

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z45-46

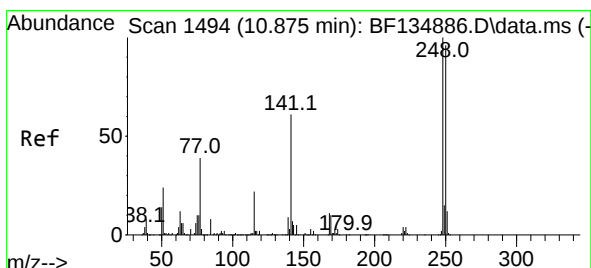
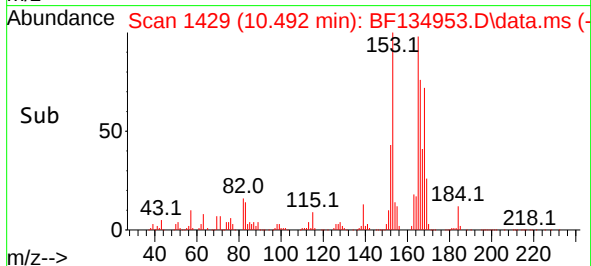
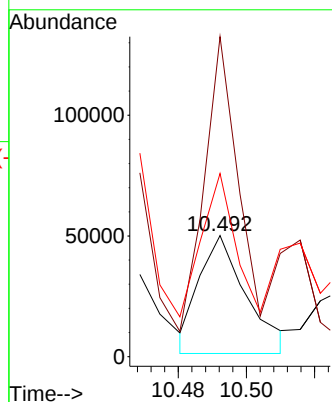
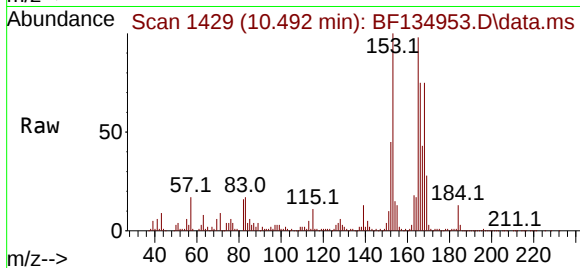
Tgt Ion:169 Resp: 47081

Ion Ratio Lower Upper

169 100

168 264.1 53.0 79.6#

167 151.2 29.0 43.6#



#67

4-Bromophenyl-phenylether

Concen: 2.243 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.253 min

Lab File: BF134953.D

Acq: 25 Aug 2023 21:50

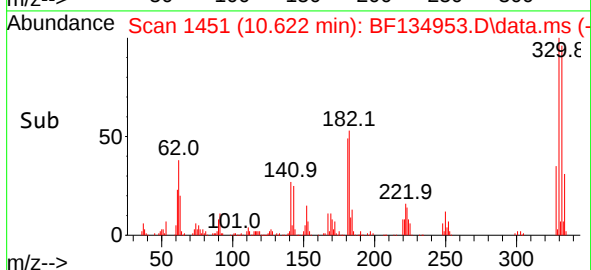
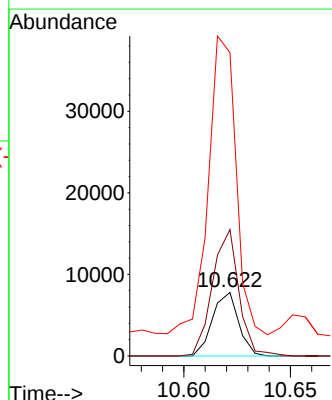
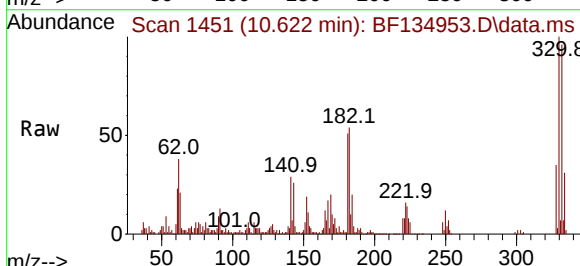
Tgt Ion:248 Resp: 6654

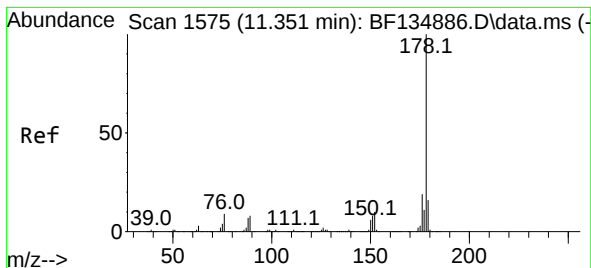
Ion Ratio Lower Upper

248 100

250 198.7 77.1 115.7#

141 477.0 49.0 73.4#





#71

Phenanthrene

Concen: 233.803 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.012 min

Lab File: BF134953.D

Acq: 25 Aug 2023 21:50

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z45-46

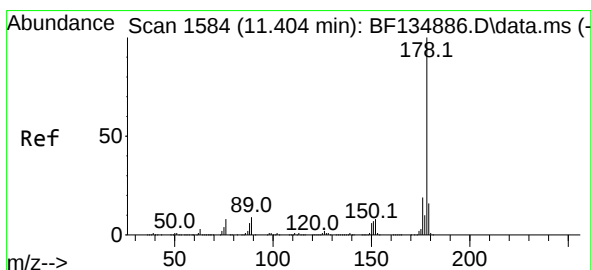
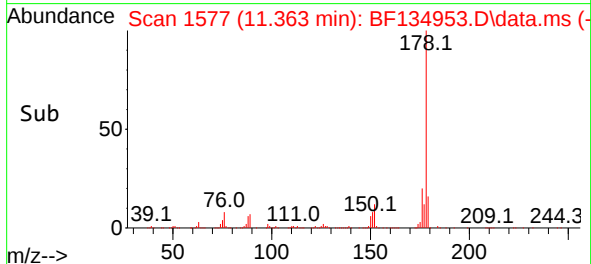
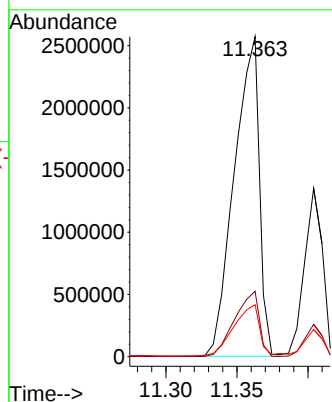
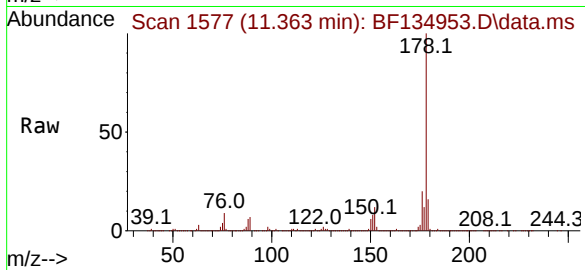
Tgt Ion:178 Resp: 3150828

Ion Ratio Lower Upper

178 100

176 20.5 15.5 23.3

179 16.3 12.6 19.0



#72

Anthracene

Concen: 84.291 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF134953.D

Acq: 25 Aug 2023 21:50

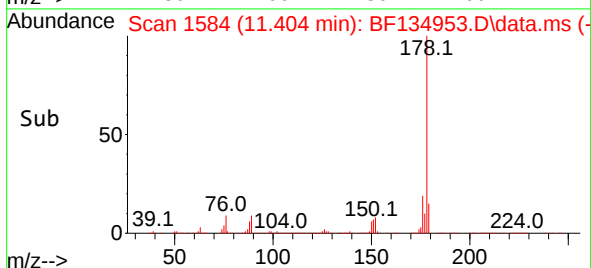
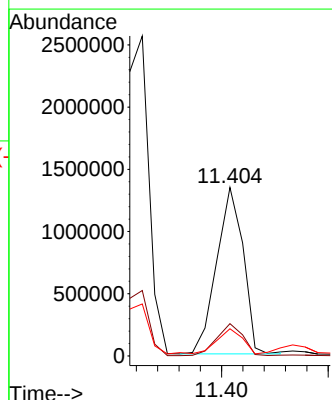
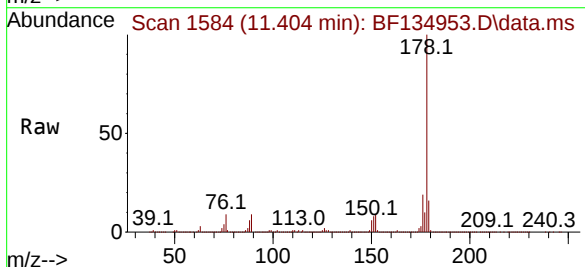
Tgt Ion:178 Resp: 1163886

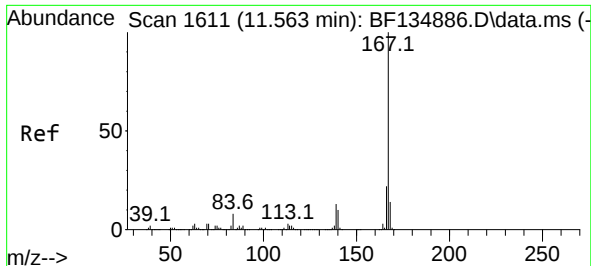
Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.6

179 16.1 12.5 18.7

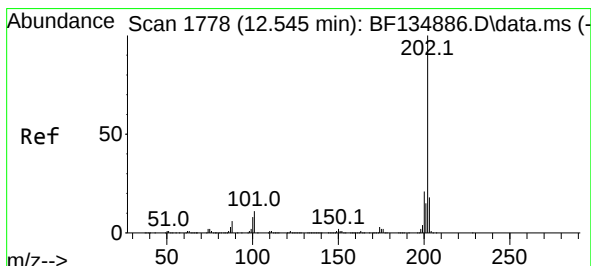
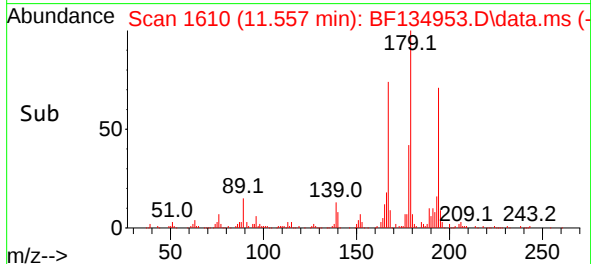
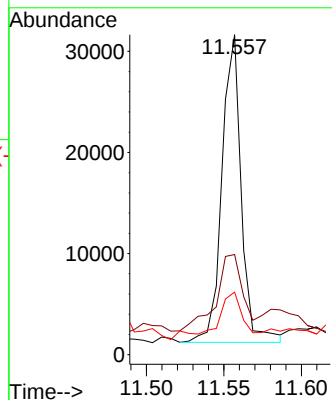
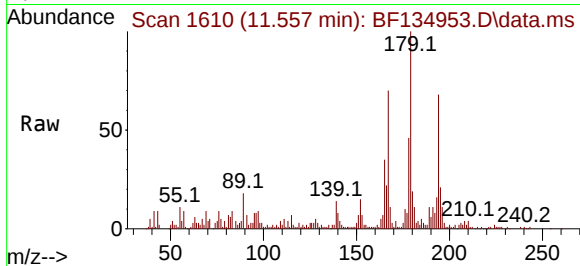




#73
 Carbazole
 Concen: 2.320 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF134953.D
 Acq: 25 Aug 2023 21:50

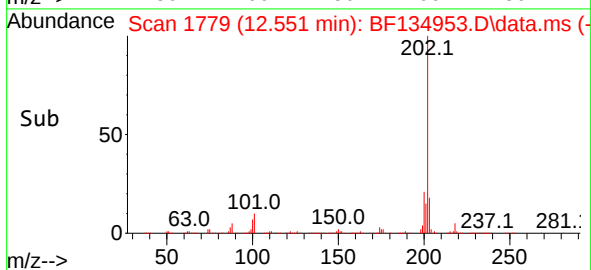
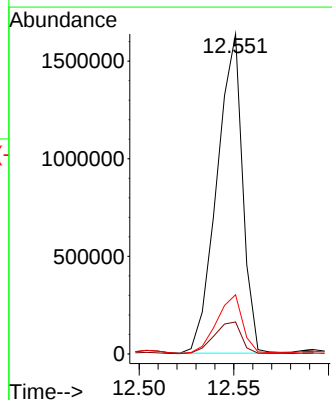
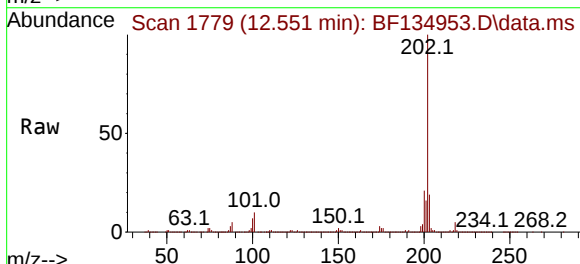
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z45-46

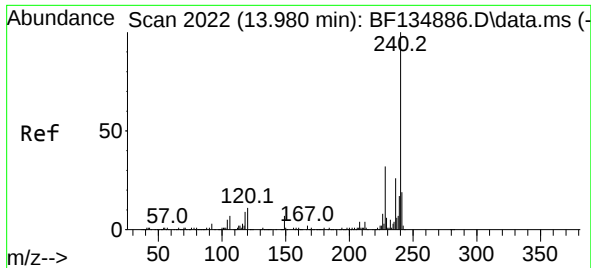
Tgt Ion:167 Resp: 26395
 Ion Ratio Lower Upper
 167 100
 166 31.3 17.4 26.2#
 139 19.6 10.4 15.6#



#75
 Fluoranthene
 Concen: 120.481 ng
 RT: 12.551 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: BF134953.D
 Acq: 25 Aug 2023 21:50

Tgt Ion:202 Resp: 1538426
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 30.5
 203 18.5 0.0 37.8

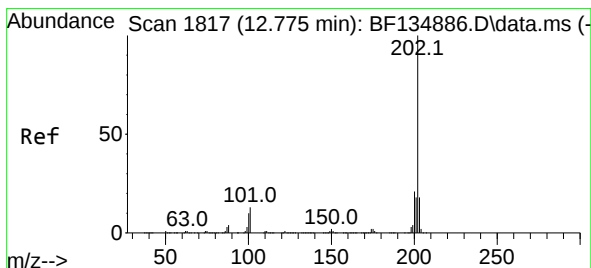
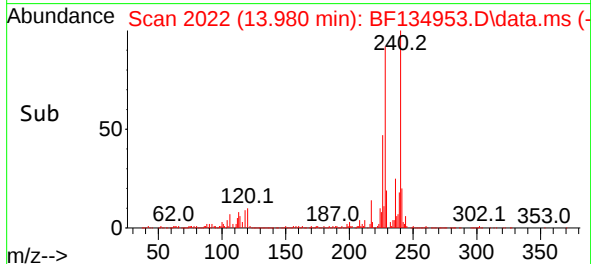
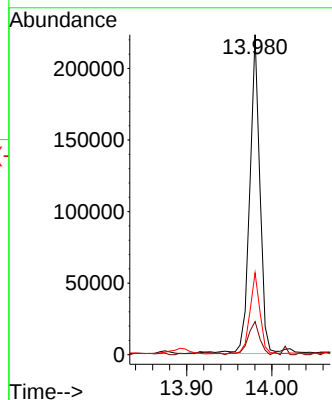
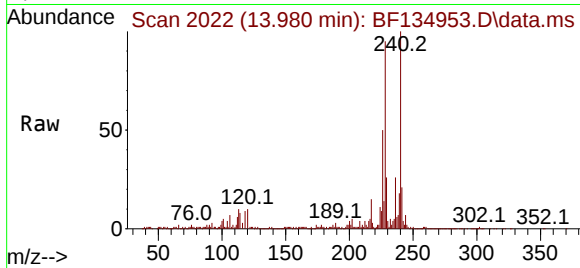




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

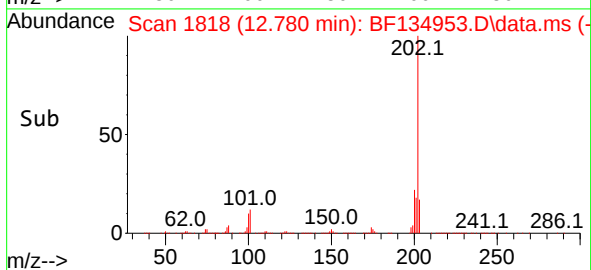
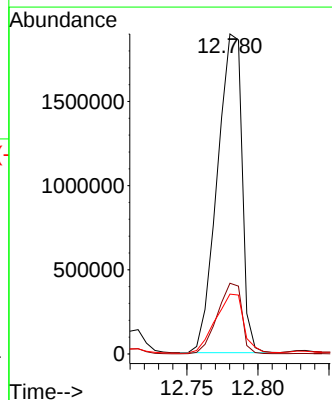
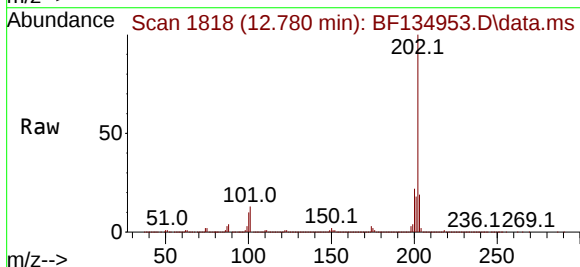
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

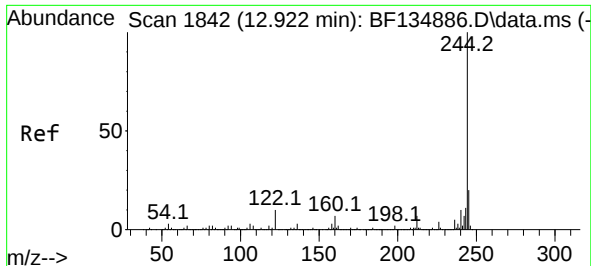
Tgt Ion:240 Resp: 185276
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.6 20.6 31.0



#78
Pyrene
Concen: 116.490 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Tgt Ion:202 Resp: 2288334
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 18.7 14.2 21.2

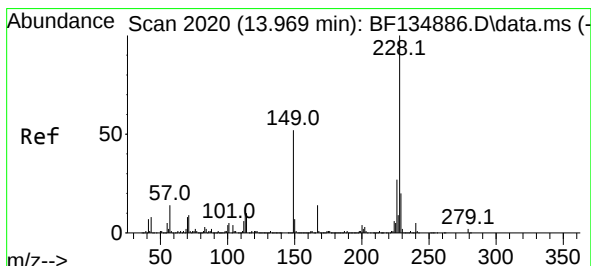
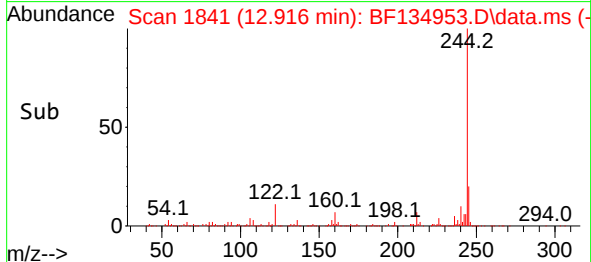
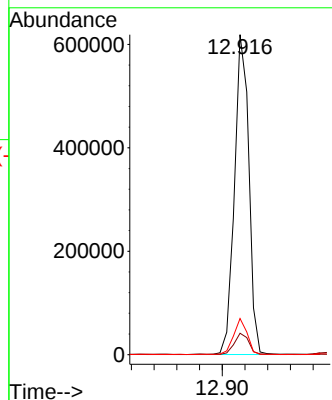
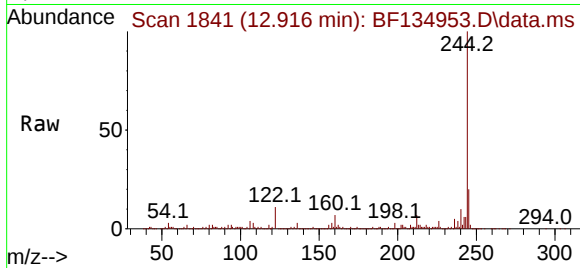




#79
 Terphenyl-d14
 Concen: 40.269 ng
 RT: 12.916 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF134953.D
 Acq: 25 Aug 2023 21:50

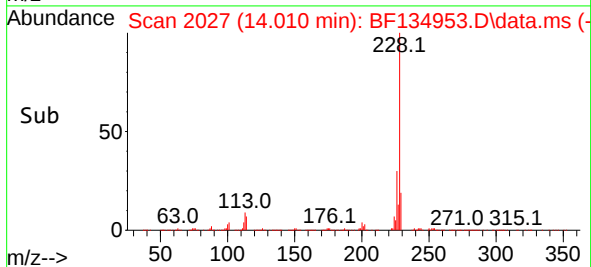
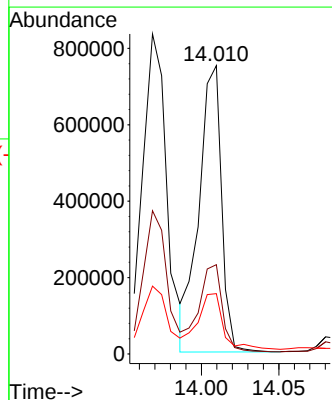
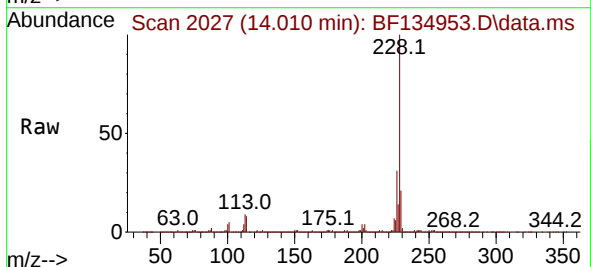
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z45-46

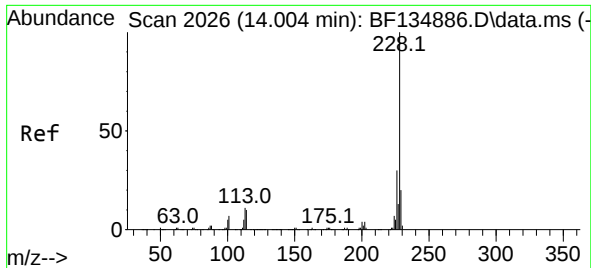
Tgt Ion:244 Resp: 542455
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.3 8.2 12.4



#81
 Benzo(a)anthracene
 Concen: 60.234 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. 0.041 min
 Lab File: BF134953.D
 Acq: 25 Aug 2023 21:50

Tgt Ion:228 Resp: 761414
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.8 32.6
 229 20.9 15.6 23.4

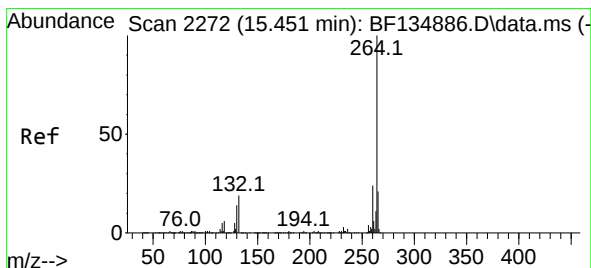
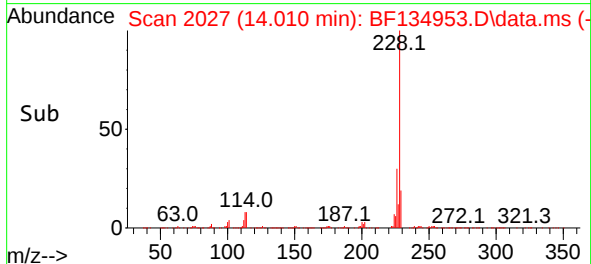
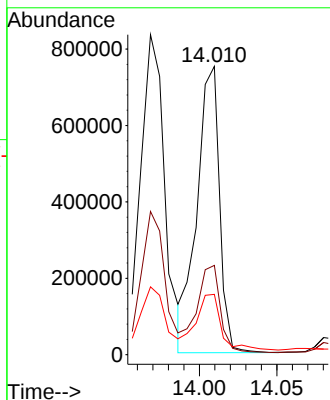
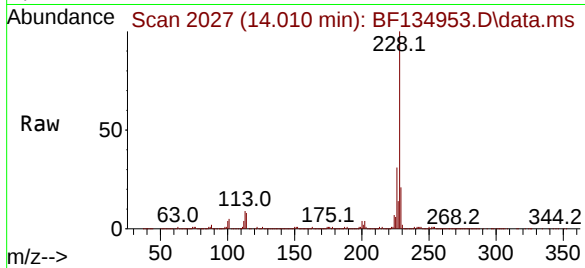




#83
Chrysene
Concen: 61.048 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

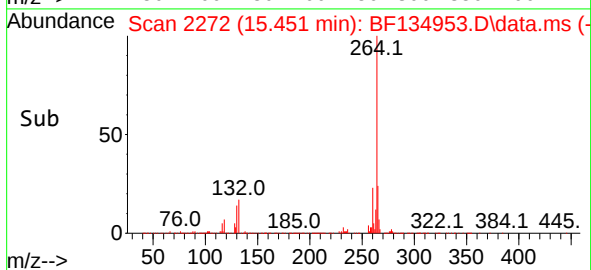
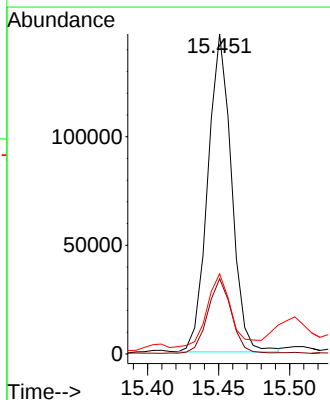
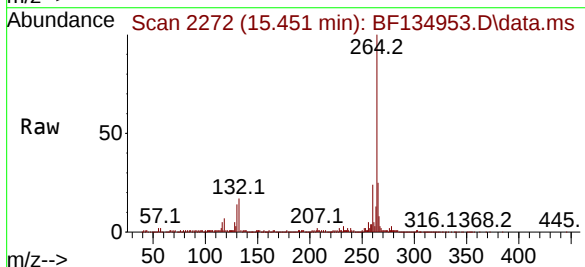
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

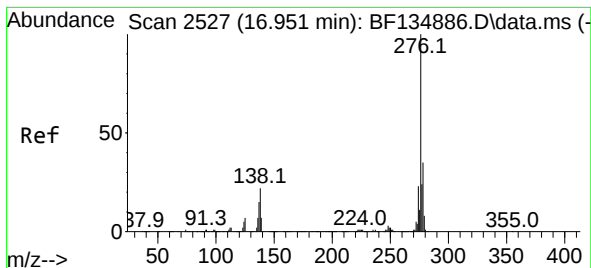
Tgt Ion:228 Resp: 761414
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 20.9 16.0 24.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Tgt Ion:264 Resp: 169700
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 25.0 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 14.073 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134953.D

Acq: 25 Aug 2023 21:50

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z45-46

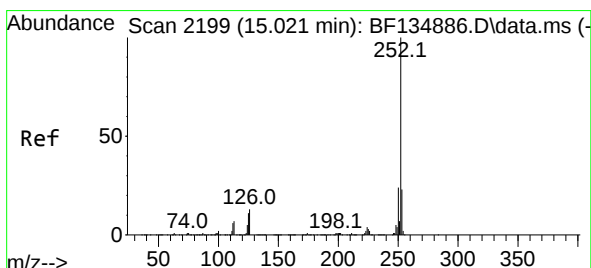
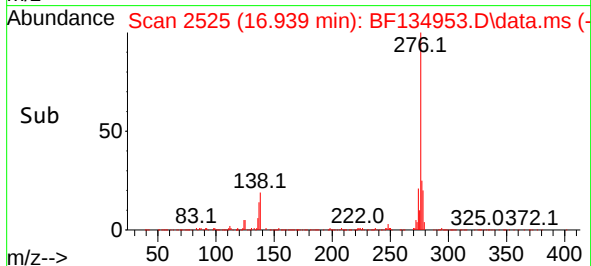
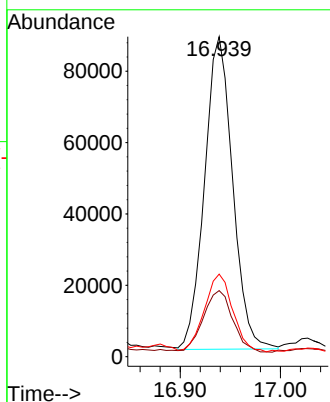
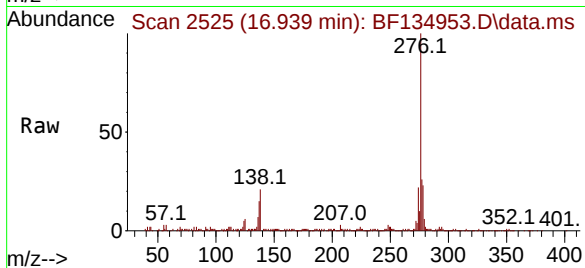
Tgt Ion:276 Resp: 170706

Ion Ratio Lower Upper

276 100

138 20.6 19.7 29.5

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 68.883 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF134953.D

Acq: 25 Aug 2023 21:50

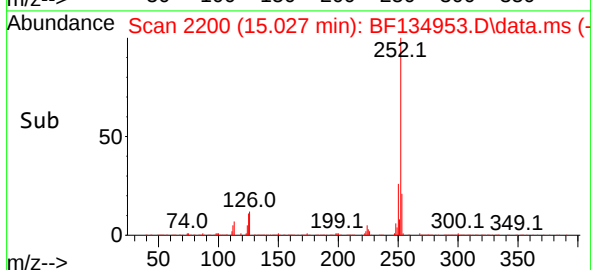
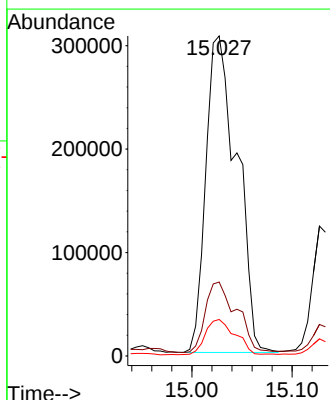
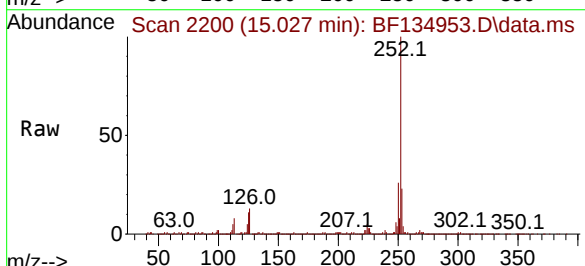
Tgt Ion:252 Resp: 659512

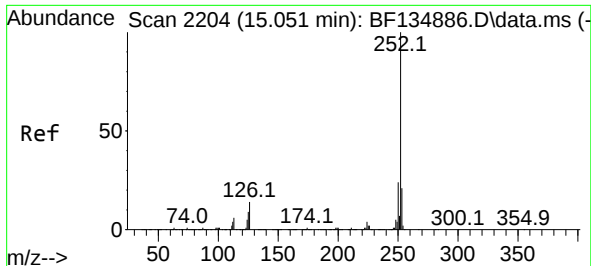
Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

125 11.4 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 70.147 ng

RT: 15.027 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF134953.D

Acq: 25 Aug 2023 21:50

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z45-46

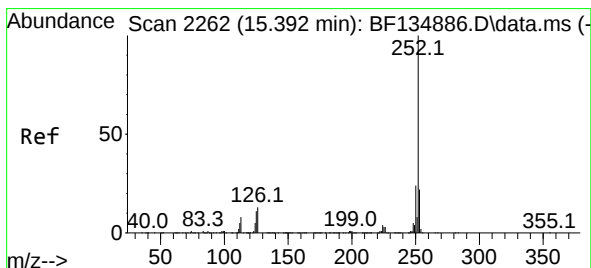
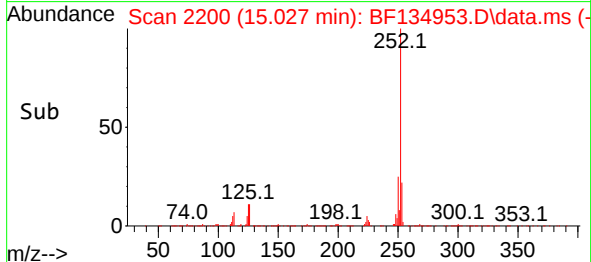
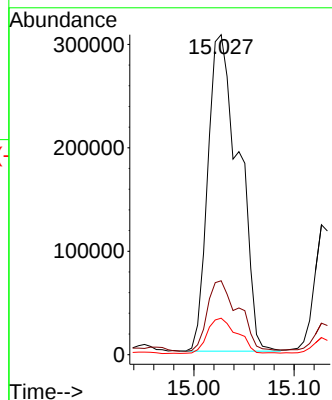
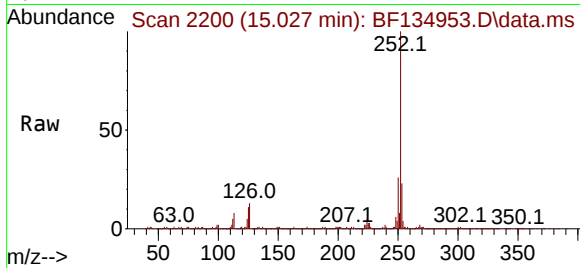
Tgt Ion:252 Resp: 659512

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

125 11.4 8.0 12.0



#90

Benzo(a)pyrene

Concen: 61.204 ng

RT: 15.392 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF134953.D

Acq: 25 Aug 2023 21:50

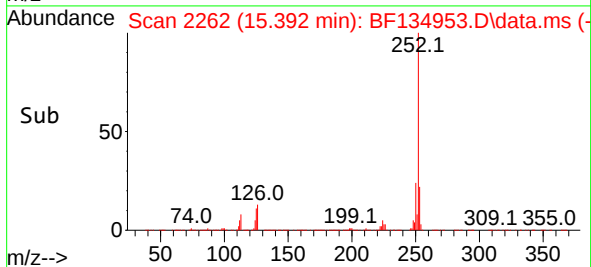
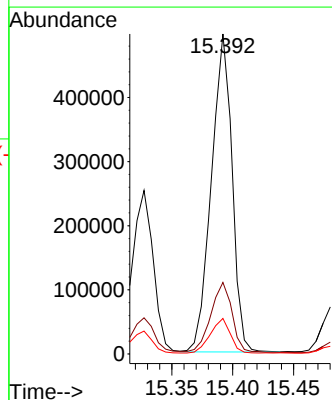
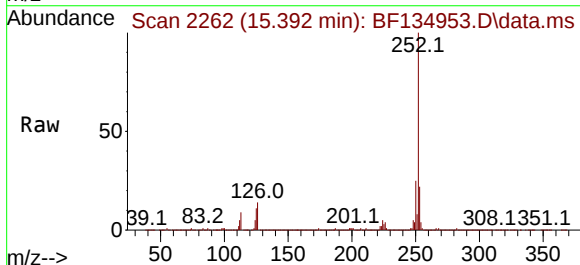
Tgt Ion:252 Resp: 584983

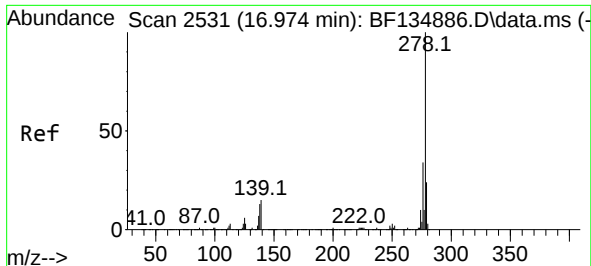
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.1 8.4 12.6

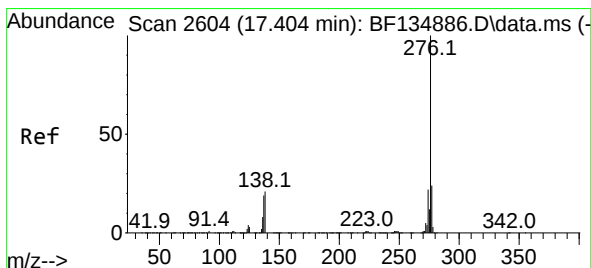
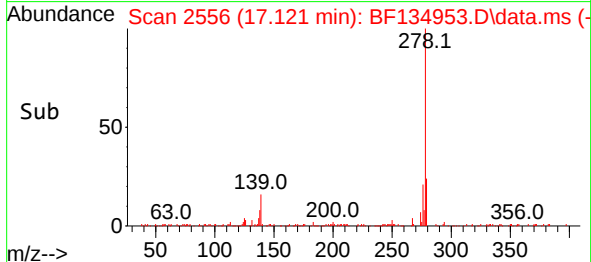
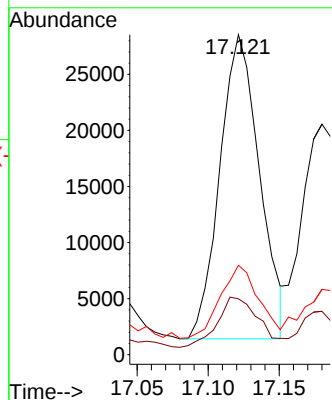
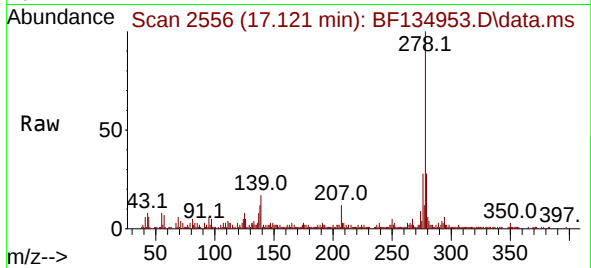




#91
Dibenzo(a,h)anthracene
Concen: 5.363 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.147 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

Tgt Ion:278 Resp: 52631
Ion Ratio Lower Upper
278 100
139 17.4 12.2 18.4
279 28.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 18.641 ng
RT: 17.392 min Scan# 2602
Delta R.T. -0.012 min
Lab File: BF134953.D
Acq: 25 Aug 2023 21:50

Tgt Ion:276 Resp: 187282
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 20.3 17.0 25.6

