

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134928.D
 Acq On : 24 Aug 2023 17:17
 Operator : CG\JU
 Sample : 04093-03 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z83-84

Quant Time: Aug 25 01:20:57 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	6.798	152	109187	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	249510	20.000	ng	0.02
39) Acenaphthene-d10	9.839	164	179442	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	291766	20.000	ng	0.01
76) Chrysene-d12	13.998	240	218694	20.000	ng	0.02
86) Perylene-d12	15.468	264	204083	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	34782	5.080	ng	0.00
7) Phenol-d6	6.433	99	48560	5.550	ng	0.00
23) Nitrobenzene-d5	7.480	82	2440	0.539	ng	0.12
42) 2,4,6-Tribromophenol	10.627	330	7209	3.411	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	61883	5.331	ng	0.00
79) Terphenyl-d14	12.927	244	68522	4.309	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.357	77	112202	23.382	ng	# 1
15) Benzyl Alcohol	6.992	79	12862	2.116	ng	# 1
18) Hexachloroethane	7.328	117	124156	45.740	ng	# 1
20) 3+4-Methylphenols	7.192	107	1001	Below Cal		# 1
22) Acetophenone	7.257	105	17359	3.148	ng	# 59
24) Nitrobenzene	7.416	77	18453	4.061	ng	# 10
31) Naphthalene	8.151	128	12752497	1023.577	ng	96
33) 4-Chloroaniline	8.151	127	1887095	353.023	ng	# 37
35) Caprolactam	8.504	113	11722	10.301	ng	# 16
37) 2-Methylnaphthalene	8.822	142	4679251	563.183	ng	99
38) 1-Methylnaphthalene	8.916	142	3396933	437.234	ng	100
46) 1,1'-Biphenyl	9.263	154	1092553	77.122	ng	99
48) 2-Nitroaniline	9.363	65	30920	8.891	ng	# 29
49) Acenaphthylene	9.704	152	634914	38.969	ng	# 88
51) 2,6-Dinitrotoluene	9.533	165	16855	5.983	ng	# 1
52) Acenaphthene	9.886	154	2264114	220.587	ng	98
55) Dibenzofuran	10.045	168	271682	18.180	ng	# 81
56) 4-Nitrophenol	9.945	139	22989	10.721	ng	# 36
57) 2,4-Dinitrotoluene	10.016	165	29808	8.556	ng	# 54
58) Fluorene	10.398	166	1626425	143.498	ng	99
62) 4-Nitroaniline	10.398	138	19924	6.927	ng	# 25
66) n-Nitrosodiphenylamine	10.504	169	62800	6.684	ng	# 1
71) Phenanthrene	11.380	178	5033359	329.213	ng	98
72) Anthracene	11.421	178	1947610	124.328	ng	98
73) Carbazole	11.568	167	87751	6.798	ng	# 89
75) Fluoranthene	12.568	202	2401804	165.796	ng	99
78) Pyrene	12.804	202	3384990	145.985	ng	97
81) Benzo(a)anthracene	14.027	228	1249444	83.737	ng	93
83) Chrysene	14.027	228	1249444	84.869	ng	97
87) Indeno(1,2,3-cd)pyrene	16.962	276	277692	19.036	ng	96
88) Benzo(b)fluoranthene	15.039	252	1046101	90.853	ng	99
89) Benzo(k)fluoranthene	15.039	252	1046101	92.520	ng	97
90) Benzo(a)pyrene	15.409	252	901302	78.412	ng	99
91) Dibenzo(a,h)anthracene	17.203	278	54805	4.643	ng	92
92) Benzo(g,h,i)perylene	17.421	276	299293	24.770	ng	98

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QLast Update : Tue Aug 22 19:33:25 2023
Response via : Initial Calibration

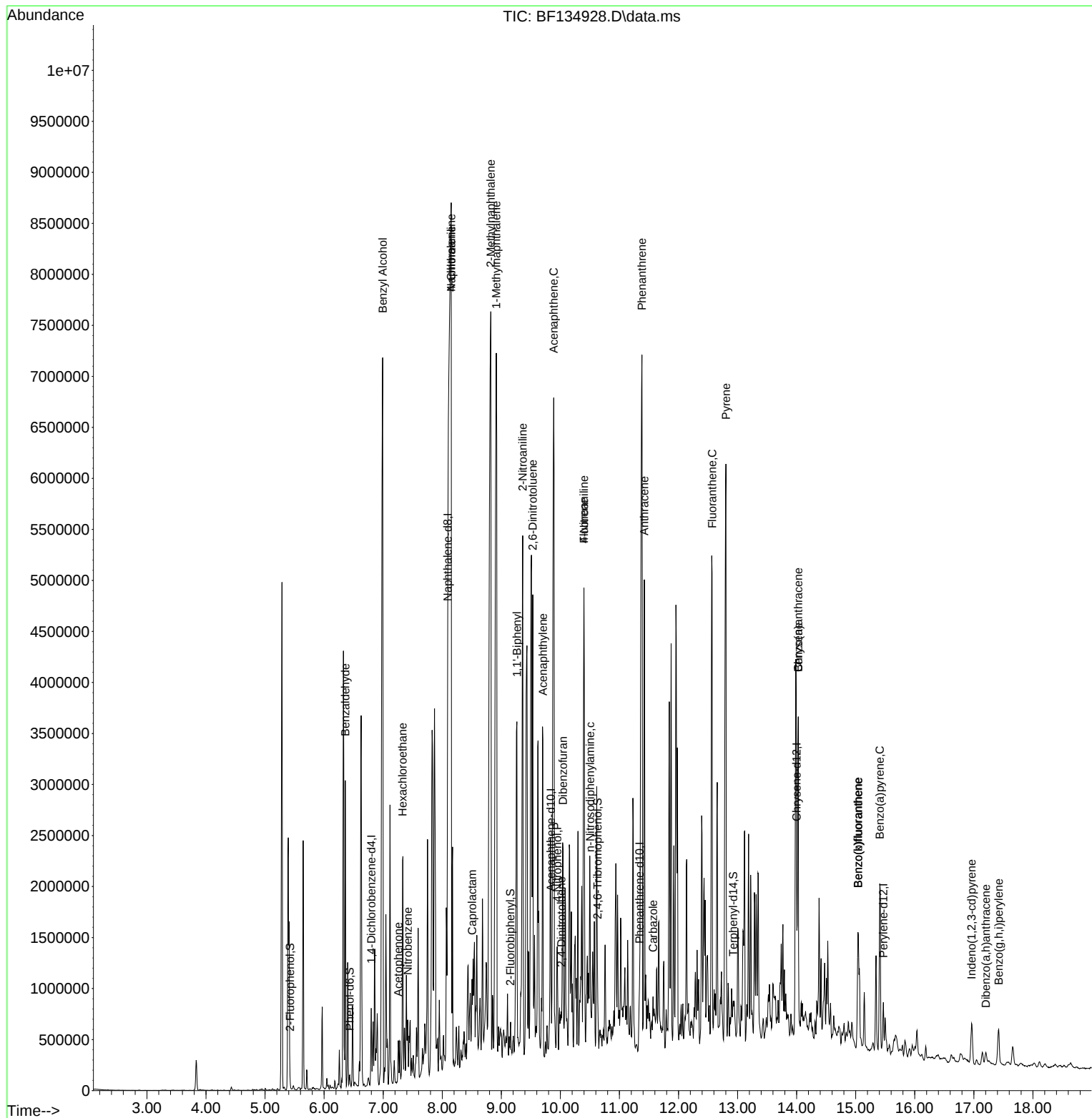
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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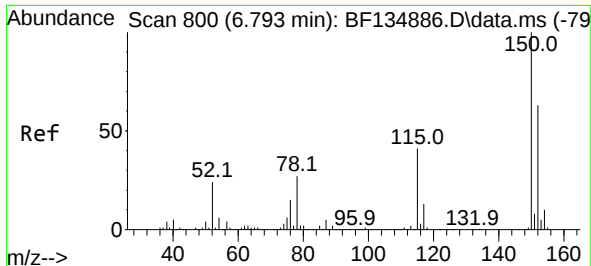
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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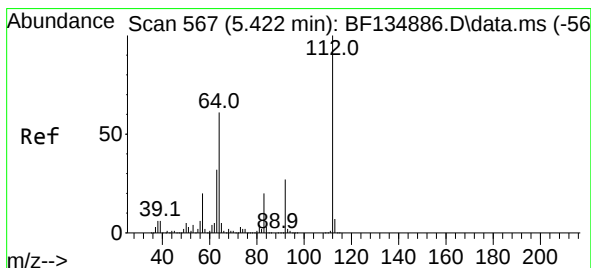
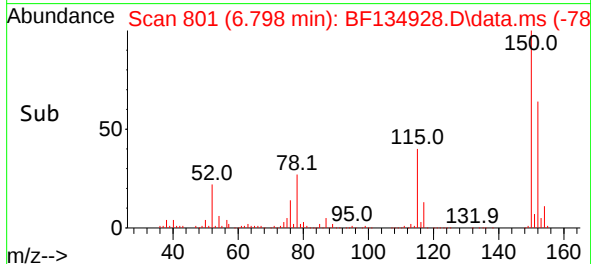
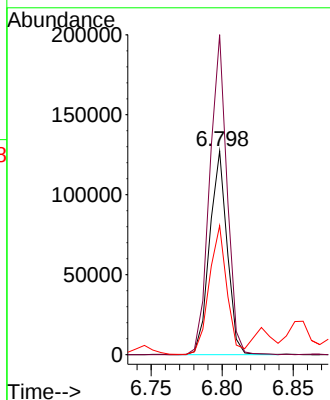
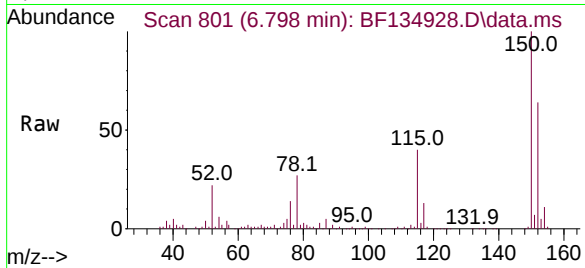




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.005 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

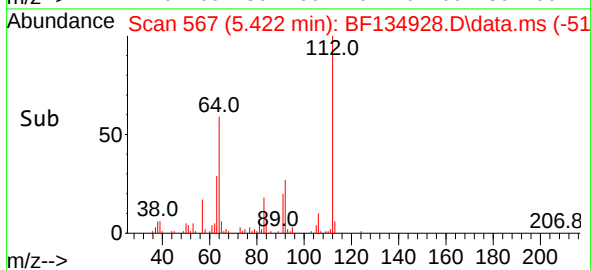
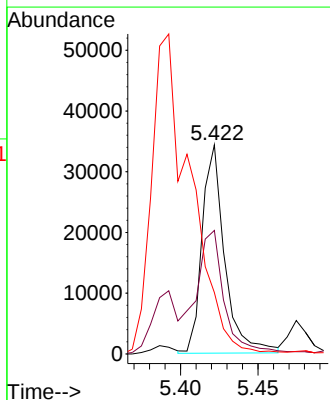
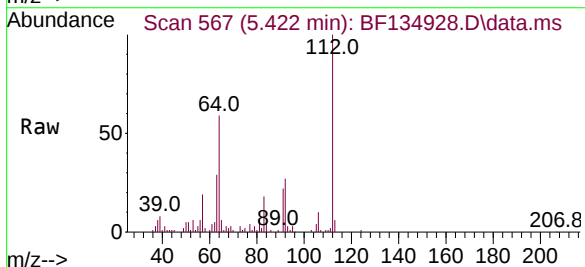
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

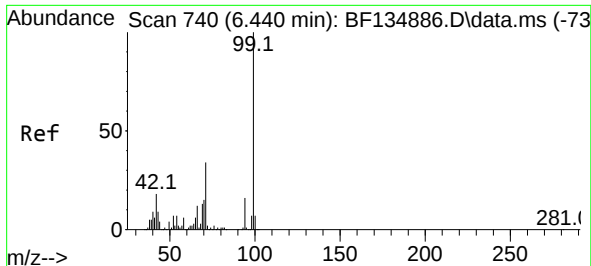
Tgt Ion:152 Resp: 109187
Ion Ratio Lower Upper
152 100
150 157.2 126.1 189.1
115 63.3 51.1 76.7



#5
2-Fluorophenol
Concen: 5.080 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

Tgt Ion:112 Resp: 34782
Ion Ratio Lower Upper
112 100
64 59.0 48.6 73.0
63 29.3 25.7 38.5

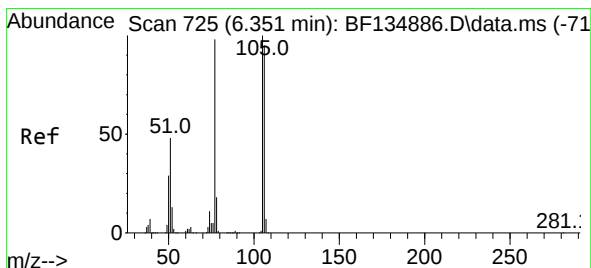
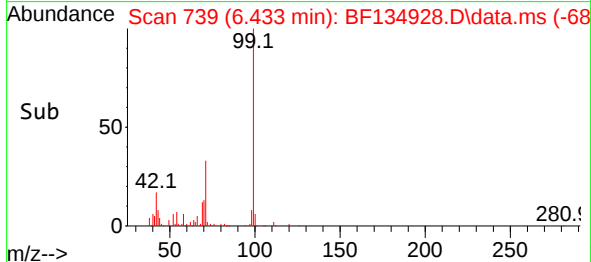
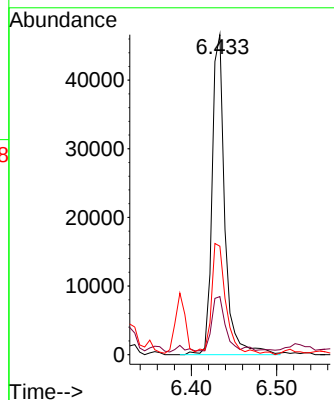
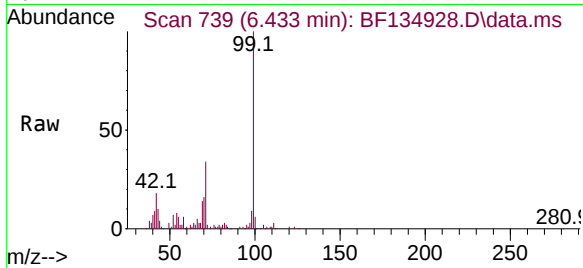




#7
Phenol-d6
Concen: 5.550 ng
RT: 6.433 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

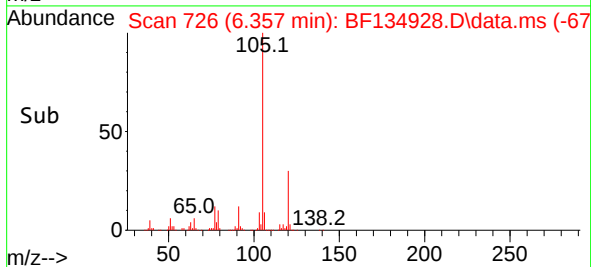
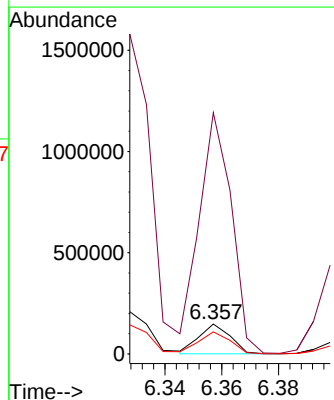
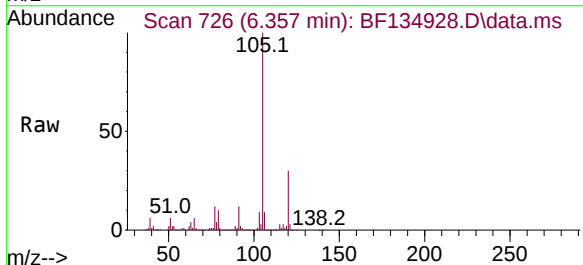
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

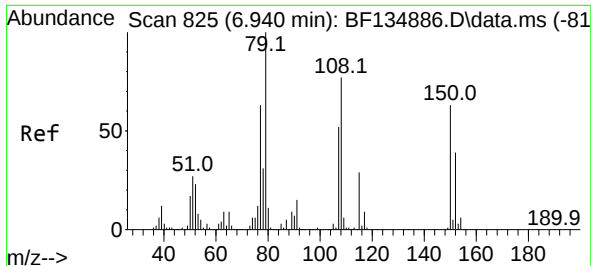
Tgt Ion: 99 Resp: 48560
Ion Ratio Lower Upper
99 100
42 18.1 14.6 22.0
71 33.9 27.6 41.4



#9
Benzaldehyde
Concen: 23.382 ng
RT: 6.357 min Scan# 726
Delta R.T. 0.006 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

Tgt Ion: 77 Resp: 112202
Ion Ratio Lower Upper
77 100
105 809.0 82.4 122.4#
106 74.0 77.2 117.2#

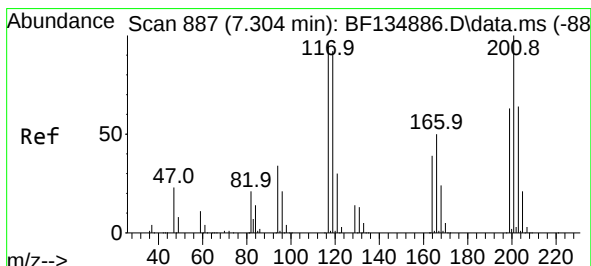
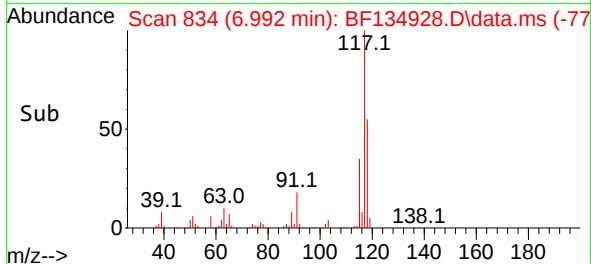
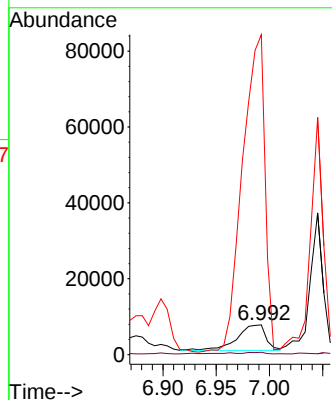
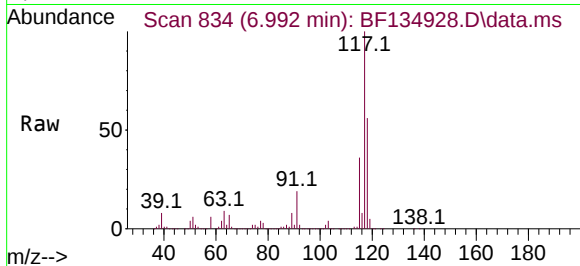




#15
Benzyl Alcohol
Concen: 2.116 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.052 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

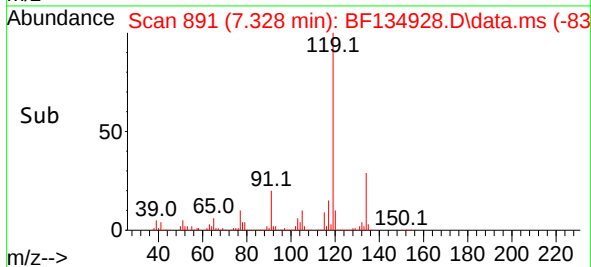
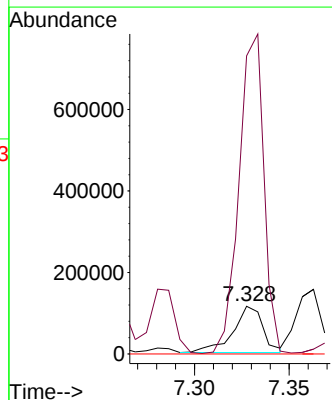
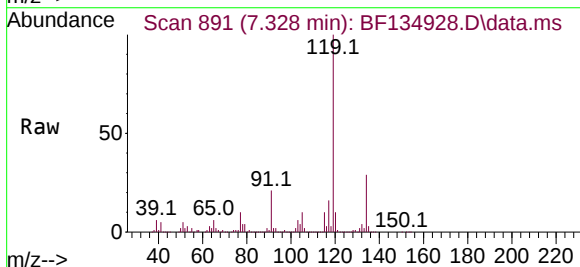
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

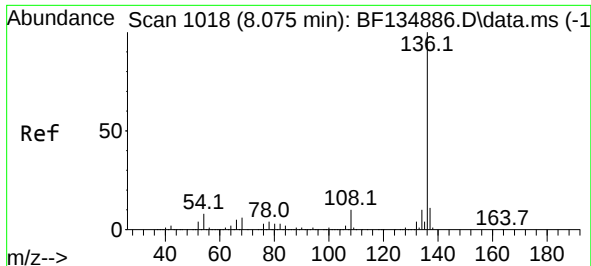
Tgt Ion: 79 Resp: 12862
Ion Ratio Lower Upper
79 100
108 7.6 61.4 92.2#
77 1078.2 50.1 75.1#



#18
Hexachloroethane
Concen: 45.740 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.024 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

Tgt Ion: 117 Resp: 124156
Ion Ratio Lower Upper
117 100
119 626.3 76.6 114.8#
201 0.0 83.4 125.2#

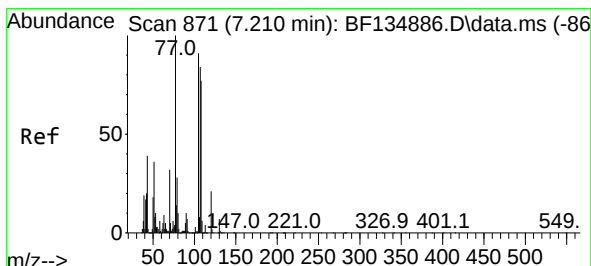
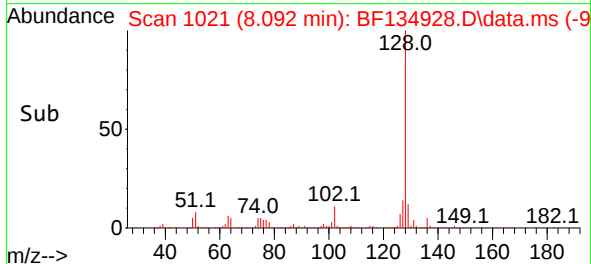
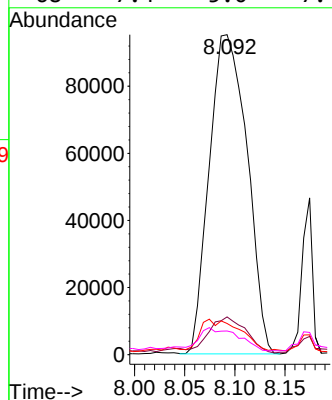
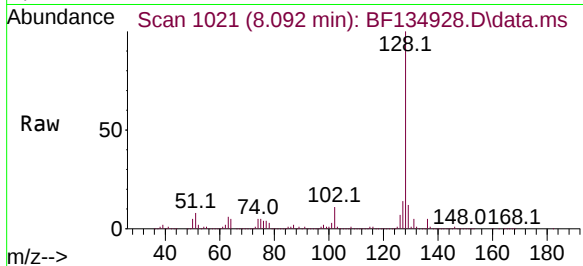




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 10
Delta R.T. 0.017 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

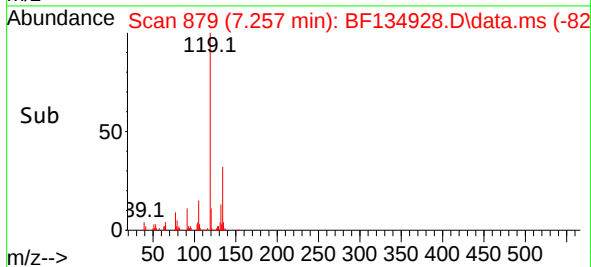
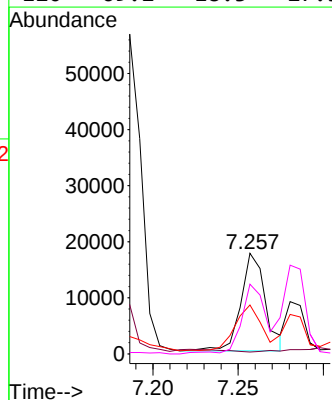
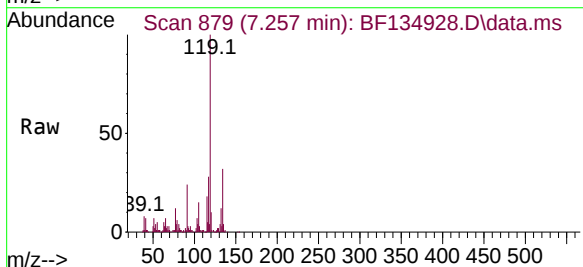
Instrument :
BNA_F
ClientSampleId :
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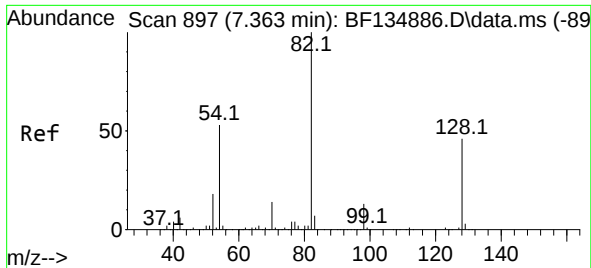
Tgt Ion:136	Resp: 249510
Ion Ratio	Lower Upper
136 100	
137 11.8	8.9 13.3
54 9.7	6.6 9.8
68 7.4	5.0 7.4



#22
Acetophenone
Concen: 3.148 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.047 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

Tgt	Ion:105	Resp:	17359
Ion	Ratio	Lower	Upper
105	100		
71	1.9	4.6	6.8#
51	48.6	32.2	48.2#
120	69.2	18.3	27.5#





#23

Nitrobenzene-d5

Concen: 0.539 ng

RT: 7.480 min Scan# 917

Delta R.T. 0.117 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z83-84

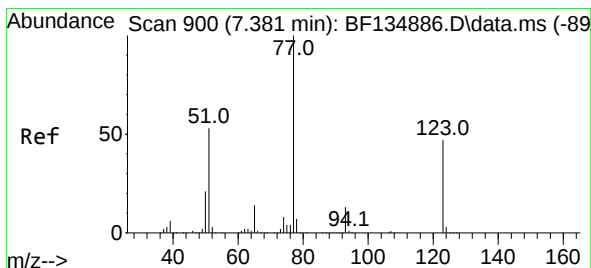
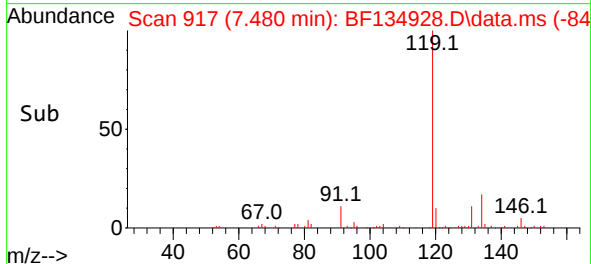
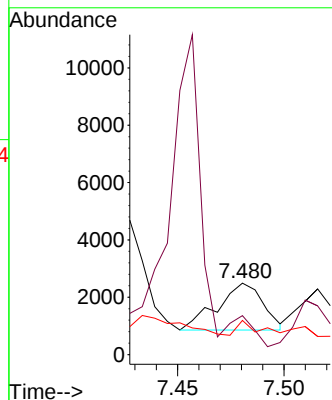
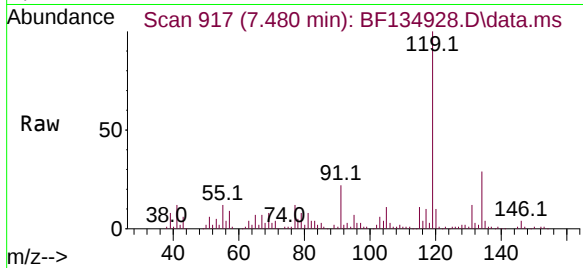
Tgt Ion: 82 Resp: 2440

Ion Ratio Lower Upper

82 100

128 54.5 36.6 54.8

54 47.7 42.6 63.8



#24

Nitrobenzene

Concen: 4.061 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.035 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

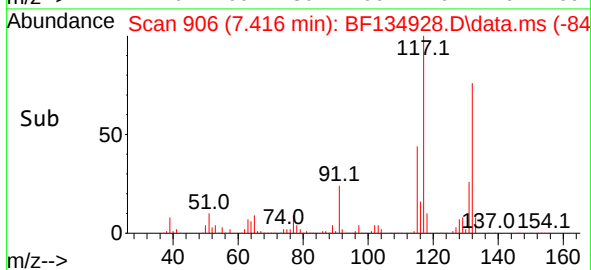
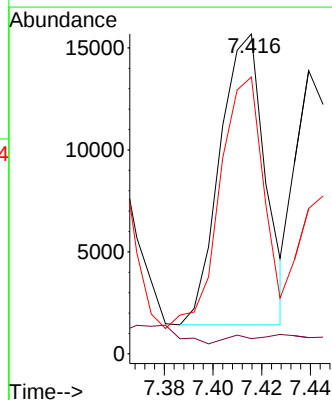
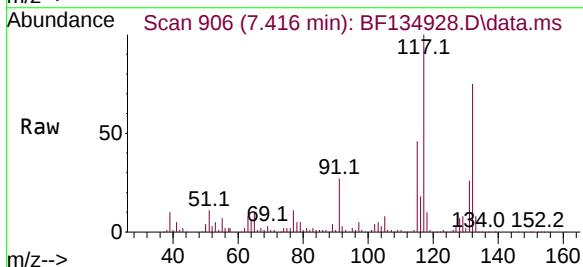
Tgt Ion: 77 Resp: 18453

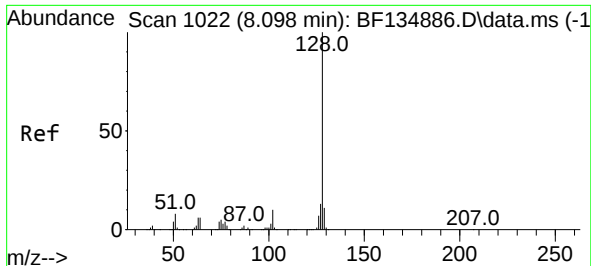
Ion Ratio Lower Upper

77 100

123 4.8 37.9 56.9#

65 86.5 11.1 16.7#

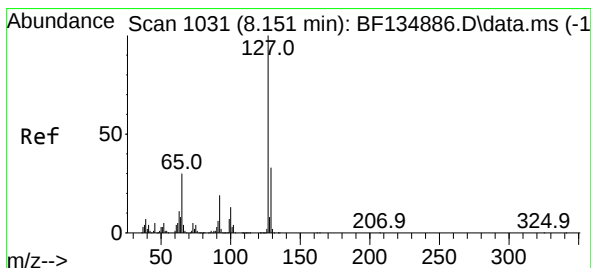
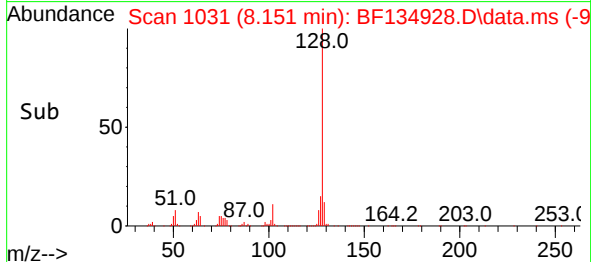
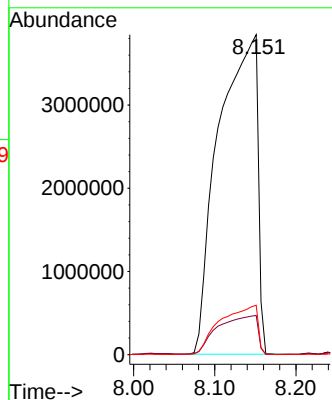
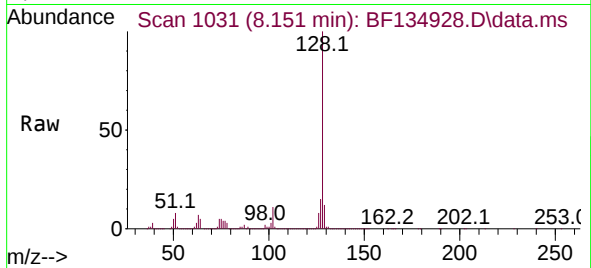




#31
Naphthalene
Concen: 1023.577 ng
RT: 8.151 min Scan# 10
Delta R.T. 0.053 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

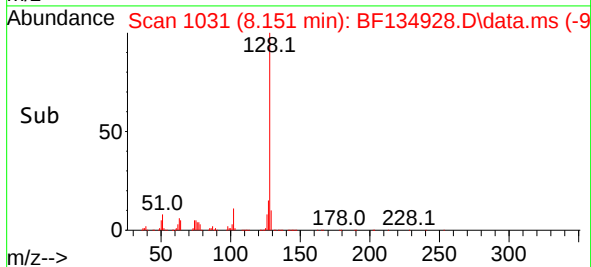
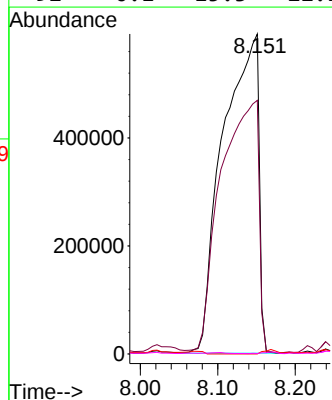
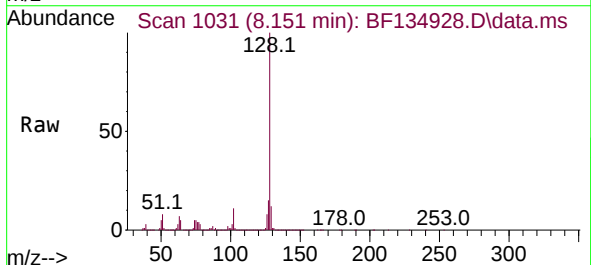
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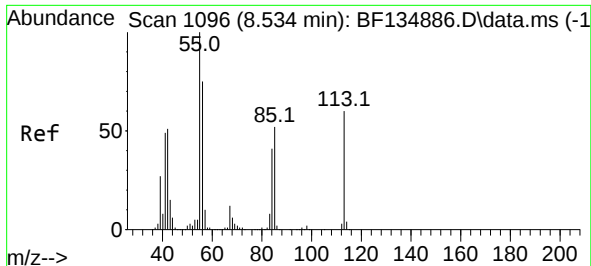
Tgt Ion:128 Resp:12752497
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.4
127 15.4 10.6 16.0



#33
4-Chloroaniline
Concen: 353.023 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

Tgt Ion:127 Resp: 1887095
Ion Ratio Lower Upper
127 100
129 79.2 26.4 39.6#
65 0.0 23.8 35.8#
92 0.1 15.3 22.9#





#35

Caprolactam

Concen: 10.301 ng

RT: 8.504 min Scan# 1091

Delta R.T. -0.030 min

Lab File: BF134928.D

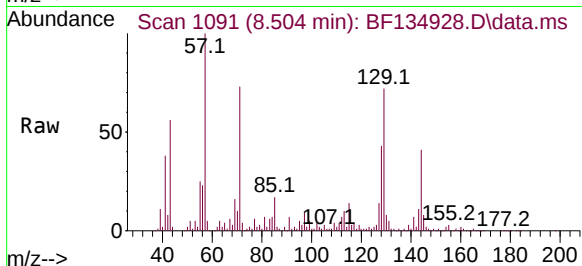
Acq: 24 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z83-84



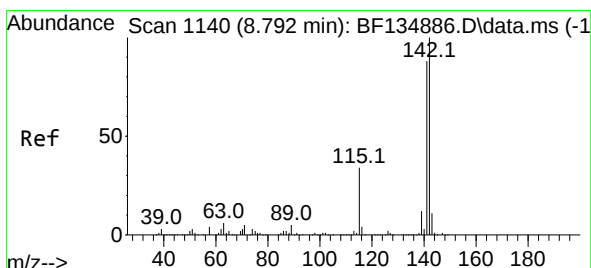
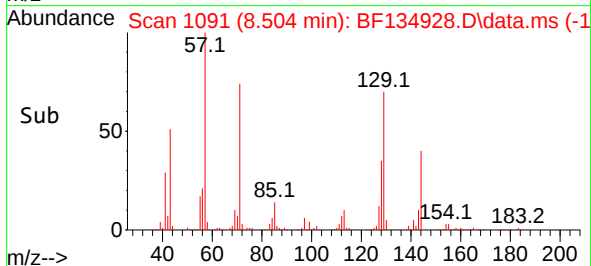
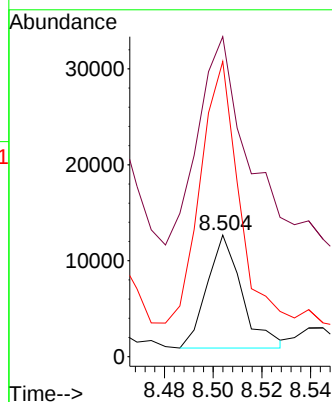
Tgt Ion:113 Resp: 11722

Ion Ratio Lower Upper

113 100

55 263.4 147.2 187.2#

56 242.9 106.0 146.0#



#37

2-Methylnaphthalene

Concen: 563.183 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.029 min

Lab File: BF134928.D

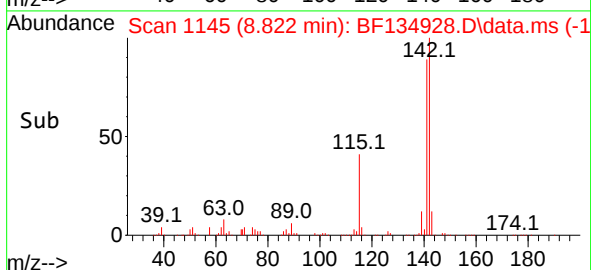
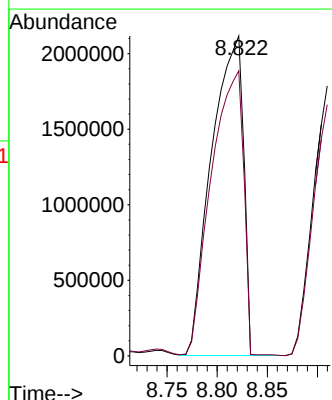
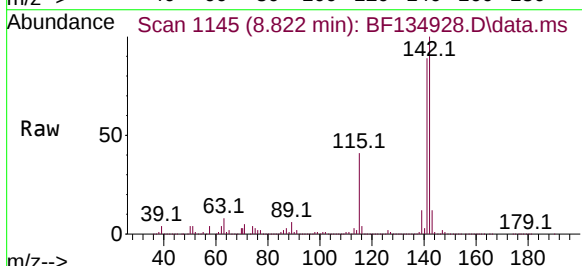
Acq: 24 Aug 2023 17:17

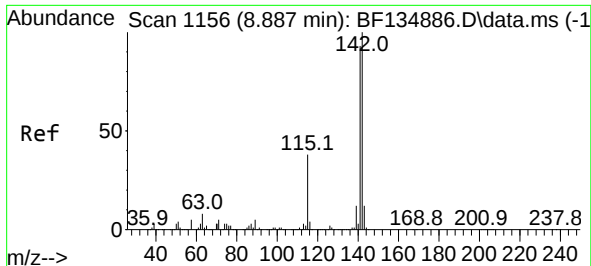
Tgt Ion:142 Resp: 4679251

Ion Ratio Lower Upper

142 100

141 89.1 70.2 105.2

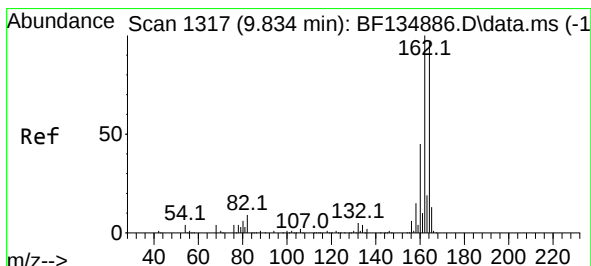
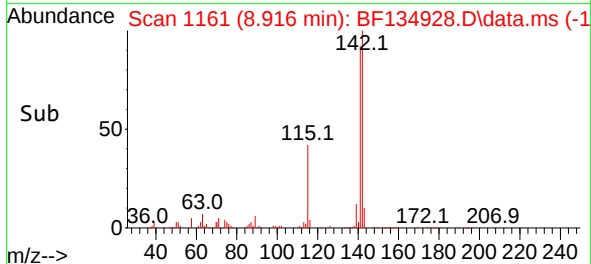
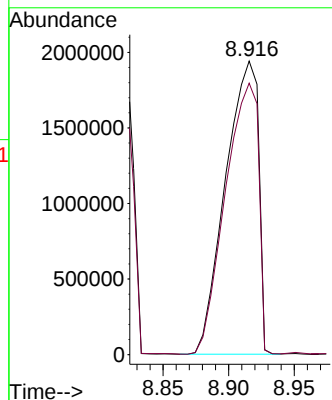
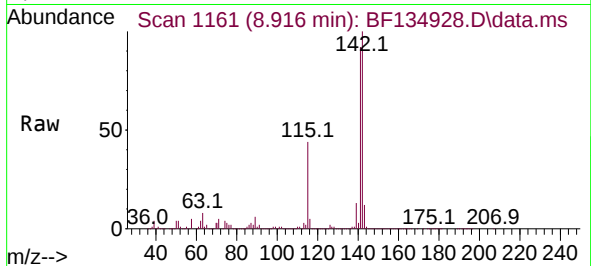




#38
1-Methylnaphthalene
Concen: 437.234 ng
RT: 8.916 min Scan# 1156
Delta R.T. 0.029 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

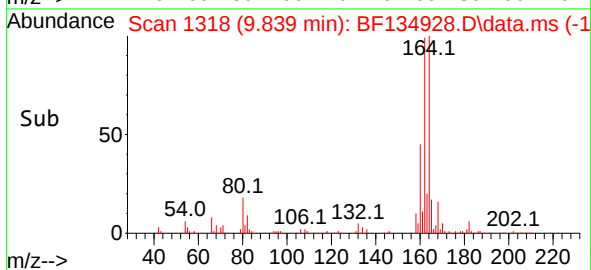
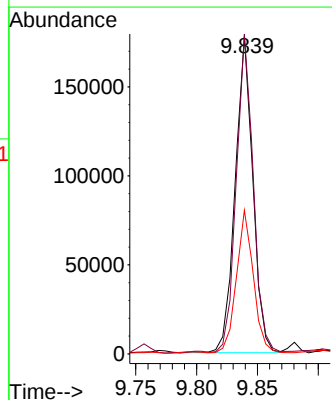
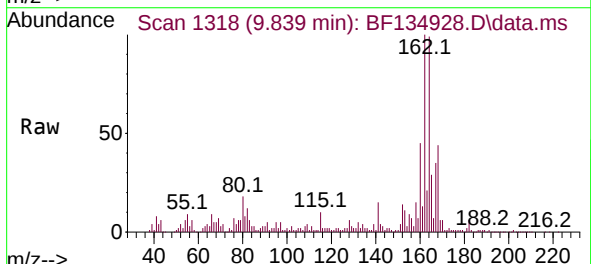
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

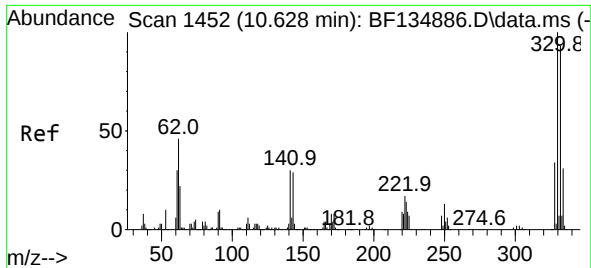
Tgt Ion:142 Resp: 3396933
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

Tgt Ion:164 Resp: 179442
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 45.3 37.0 55.4

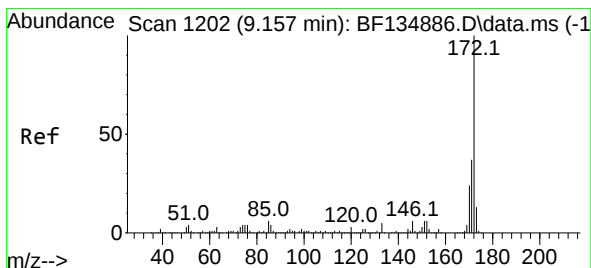
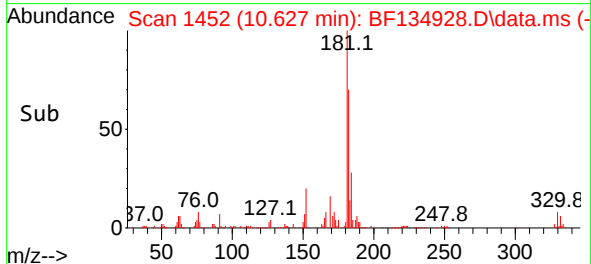
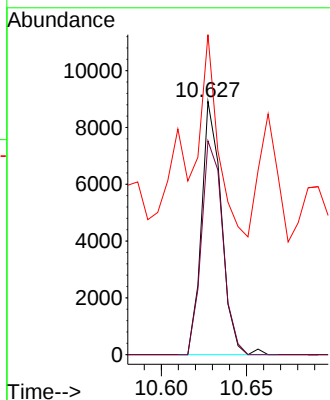
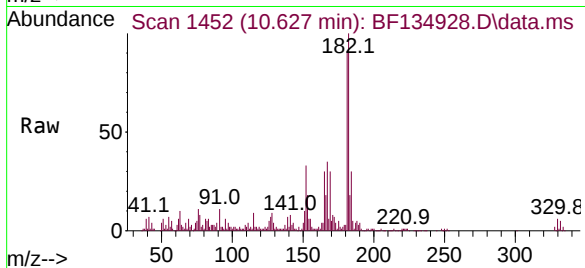




#42
2,4,6-Tribromophenol
Concen: 3.411 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

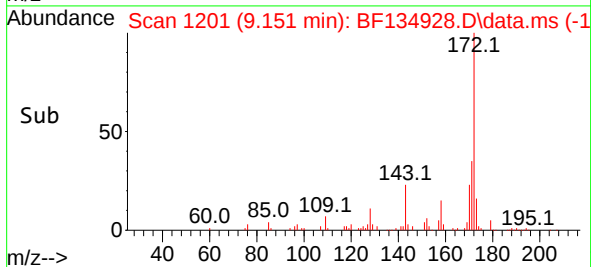
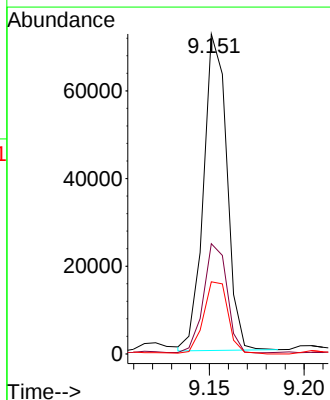
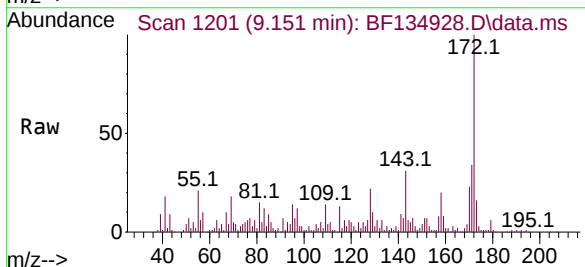
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

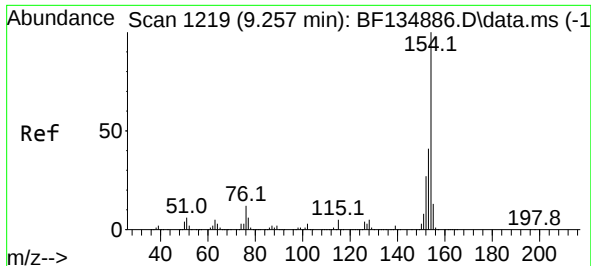
Tgt Ion: 330 Resp: 7209
Ion Ratio Lower Upper
330 100
332 90.7 76.3 114.5
141 113.3 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 5.331 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

Tgt Ion: 172 Resp: 61883
Ion Ratio Lower Upper
172 100
171 34.4 29.4 44.0
170 22.5 19.6 29.4

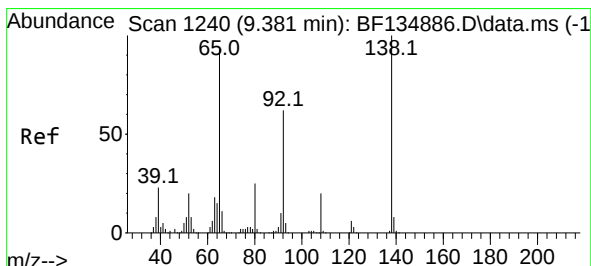
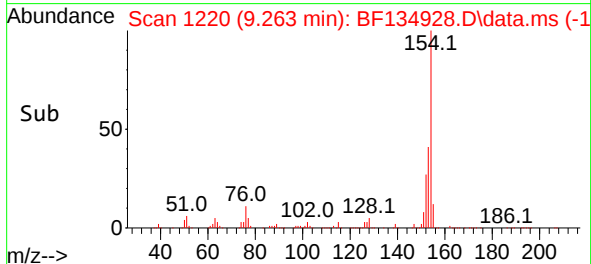
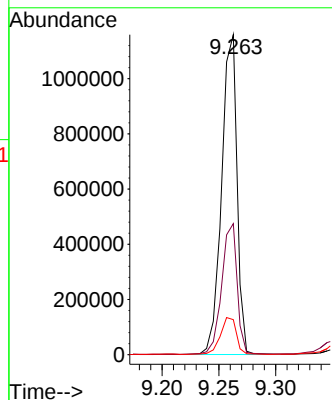
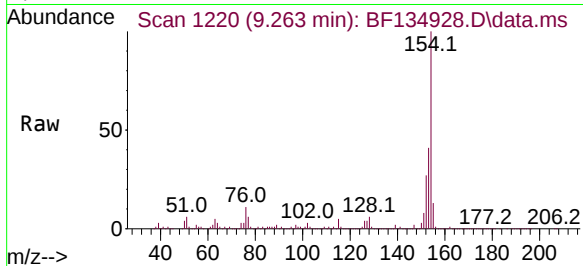




#46
1,1'-Biphenyl
Concen: 77.122 ng
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

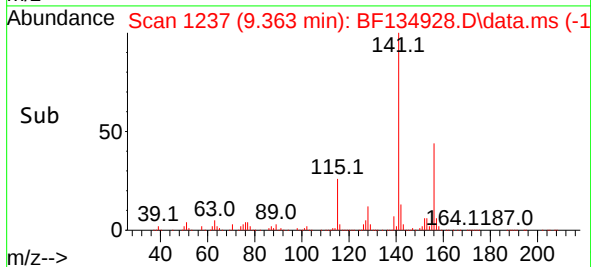
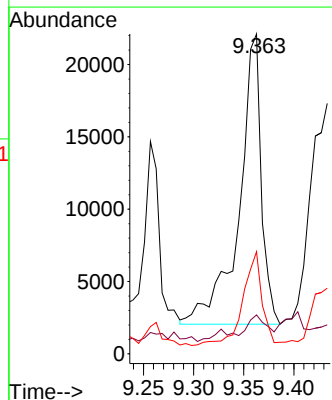
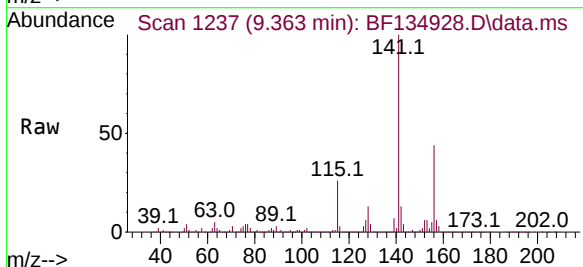
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

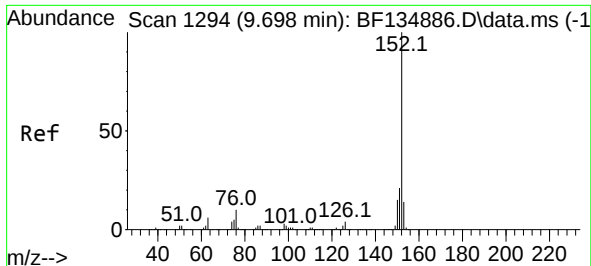
Tgt Ion:154 Resp: 1092553
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 10.9 0.0 31.8



#48
2-Nitroaniline
Concen: 8.891 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.018 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

Tgt Ion: 65 Resp: 30920
Ion Ratio Lower Upper
65 100
92 12.2 53.8 80.8#
138 31.9 86.5 129.7#





#49

Acenaphthylene

Concen: 38.969 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z83-84

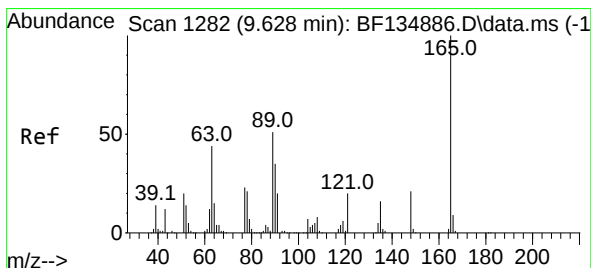
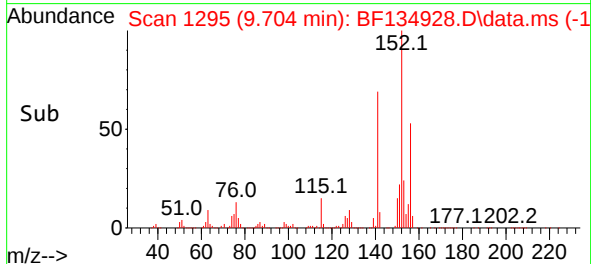
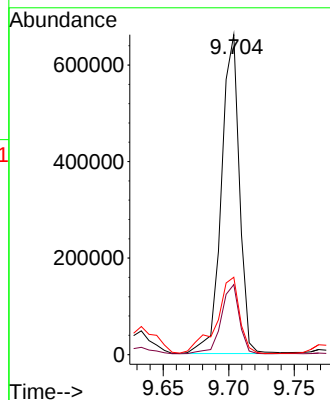
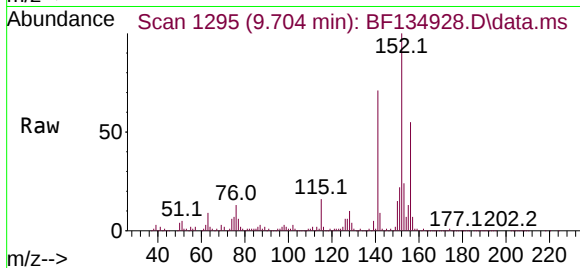
Tgt Ion:152 Resp: 634914

Ion Ratio Lower Upper

152 100

151 21.9 16.5 24.7

153 24.2 11.3 16.9#



#51

2,6-Dinitrotoluene

Concen: 5.983 ng

RT: 9.533 min Scan# 1266

Delta R.T. -0.095 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

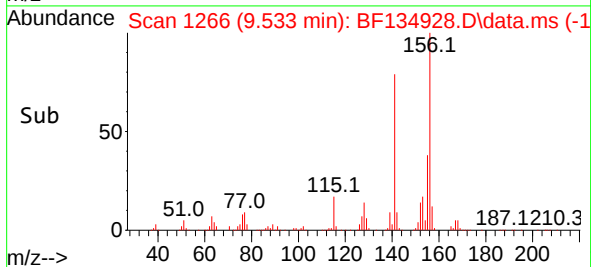
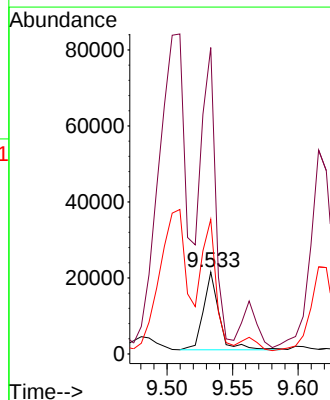
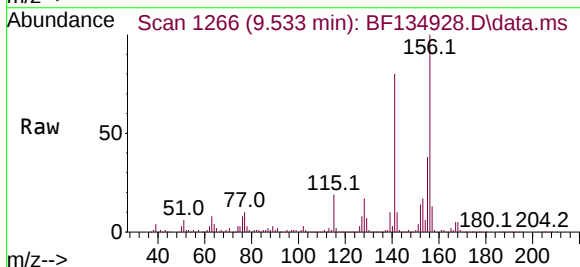
Tgt Ion:165 Resp: 16855

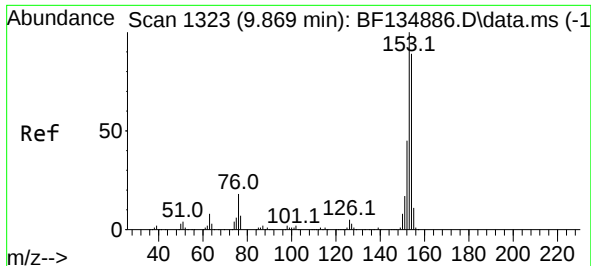
Ion Ratio Lower Upper

165 100

63 374.5 41.4 62.2#

89 164.5 40.9 61.3#

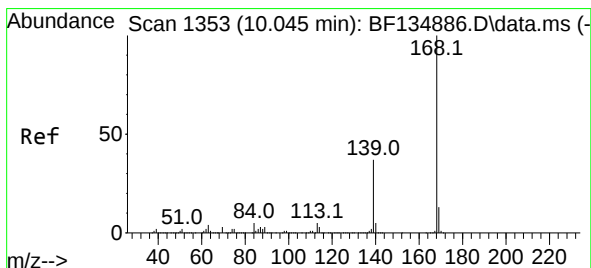
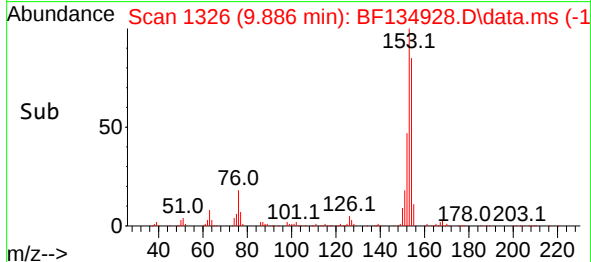
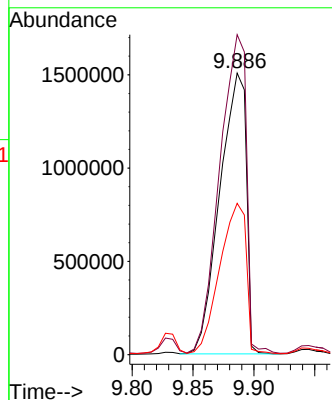
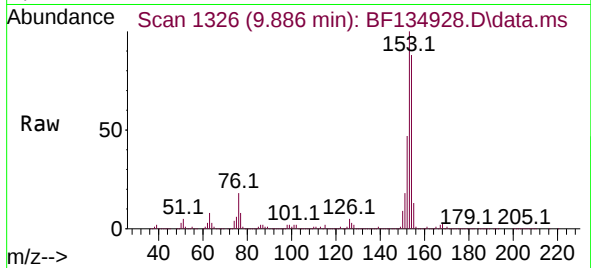




#52
Acenaphthene
Concen: 220.587 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.017 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

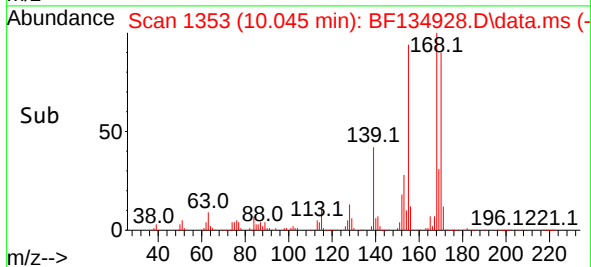
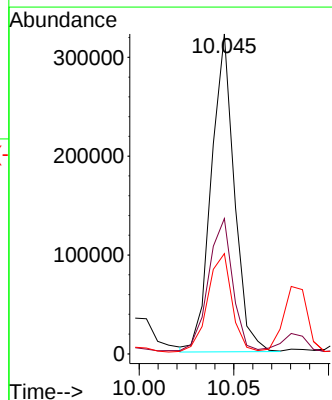
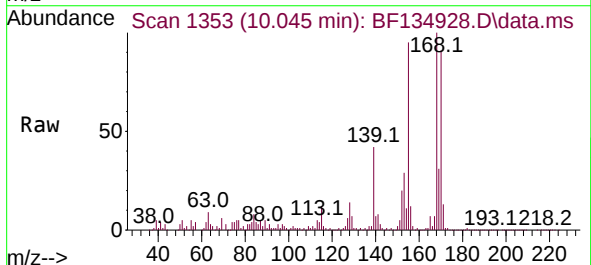
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

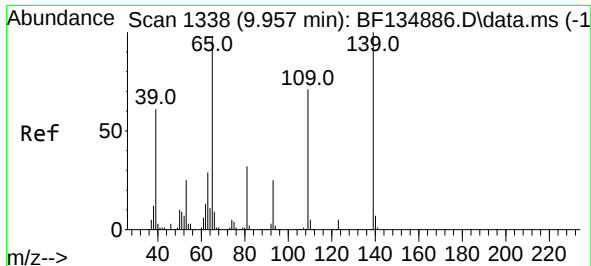
Tgt Ion:154 Resp: 2264114
Ion Ratio Lower Upper
154 100
153 113.7 89.6 134.4
152 53.7 40.5 60.7



#55
Dibenzofuran
Concen: 18.180 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

Tgt Ion:168 Resp: 271682
Ion Ratio Lower Upper
168 100
139 42.3 29.5 44.3
169 31.3 10.7 16.1#

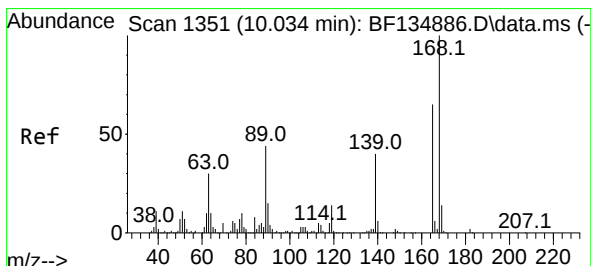
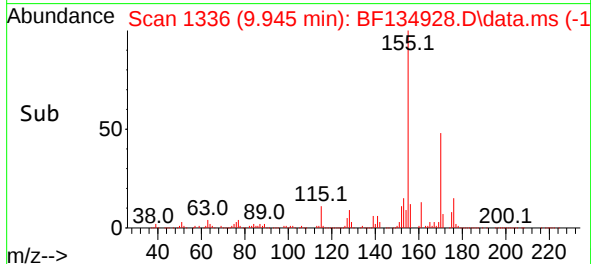
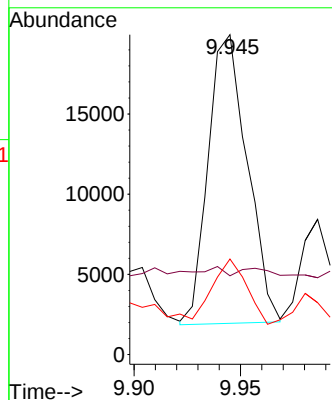
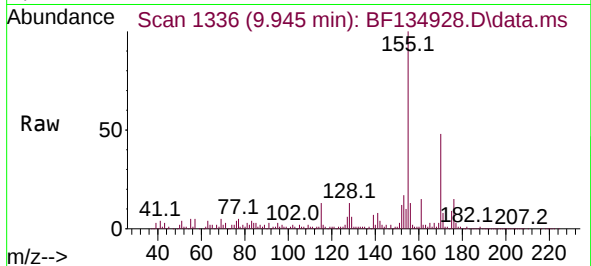




#56
4-Nitrophenol
Concen: 10.721 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

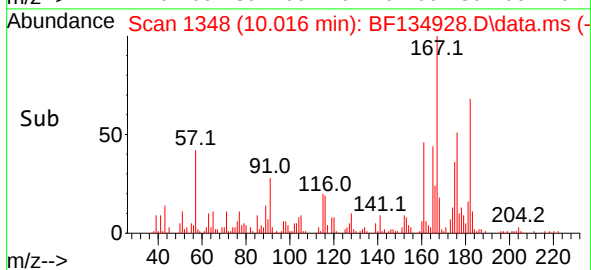
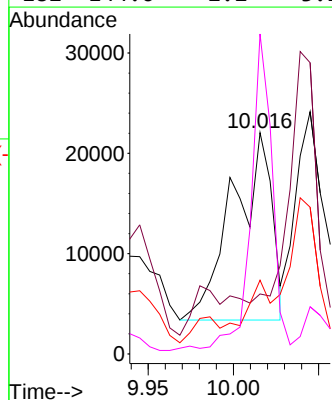
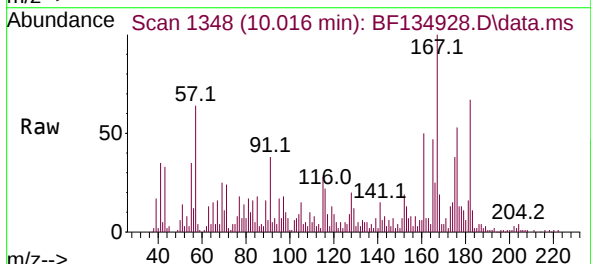
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

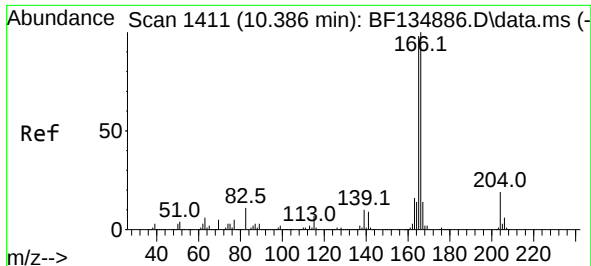
Tgt Ion:139 Resp: 22989
Ion Ratio Lower Upper
139 100
109 24.6 51.0 91.0#
65 29.9 78.5 118.5#



#57
2,4-Dinitrotoluene
Concen: 8.556 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.018 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

Tgt Ion:165 Resp: 29808
Ion Ratio Lower Upper
165 100
63 27.1 37.7 56.5#
89 33.3 54.2 81.4#
182 144.6 2.2 3.2#

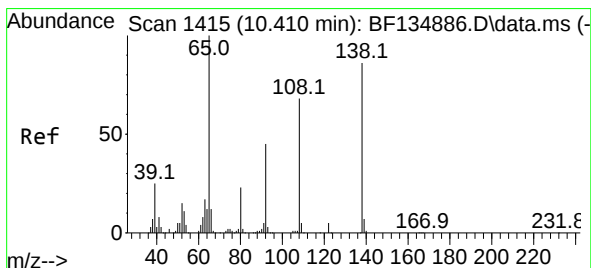
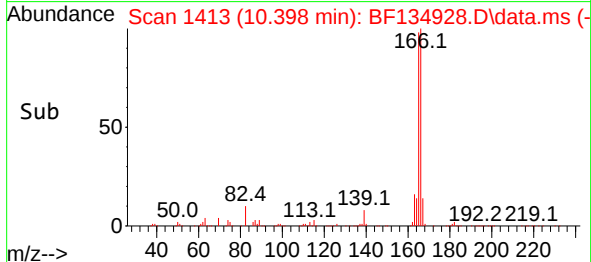
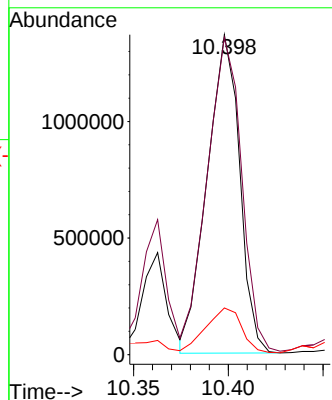
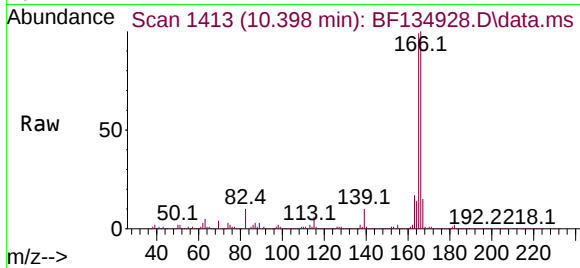




#58
Fluorene
Concen: 143.498 ng
RT: 10.398 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

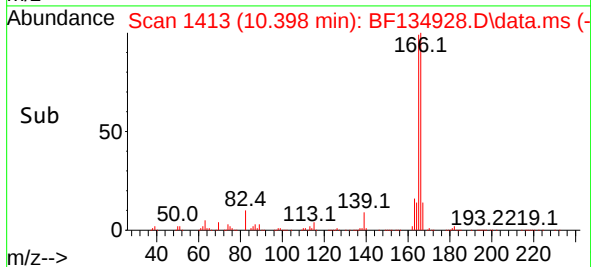
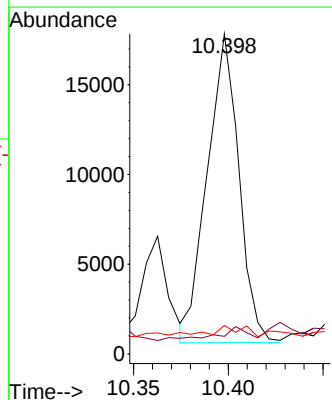
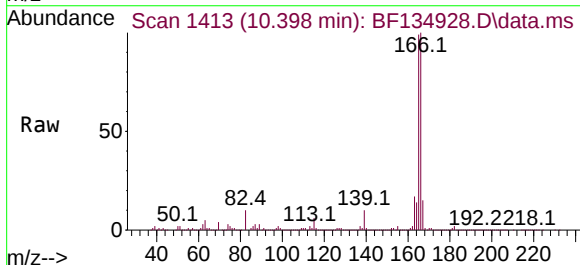
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

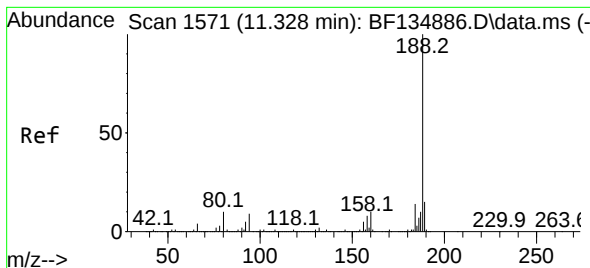
Tgt Ion:166 Resp: 1626425
Ion Ratio Lower Upper
166 100
165 99.1 78.5 117.7
167 14.6 11.0 16.6



#62
4-Nitroaniline
Concen: 6.927 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

Tgt Ion:138 Resp: 19924
Ion Ratio Lower Upper
138 100
92 5.5 32.5 72.5#
108 8.9 58.6 98.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z83-84

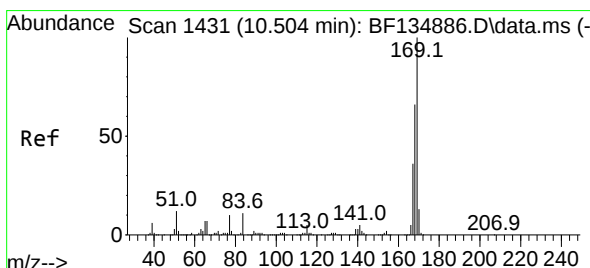
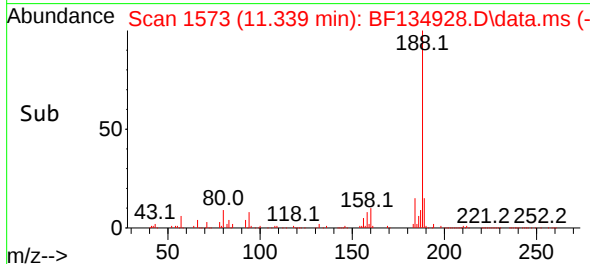
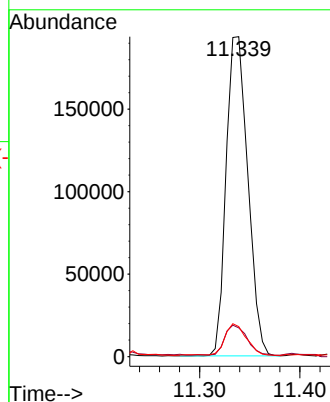
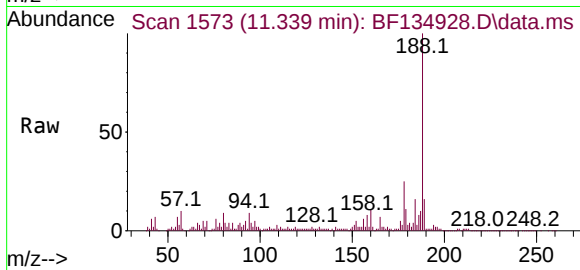
Tgt Ion:188 Resp: 291766

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.4 7.8 11.6



#66

n-Nitrosodiphenylamine

Concen: 6.684 ng

RT: 10.504 min Scan# 1431

Delta R.T. -0.000 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

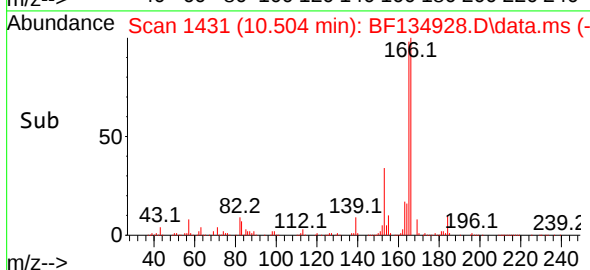
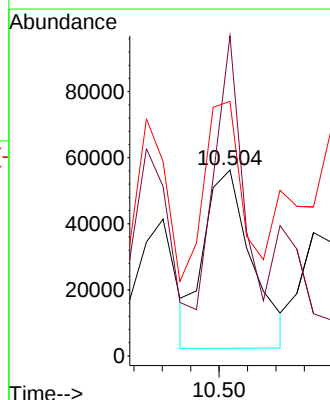
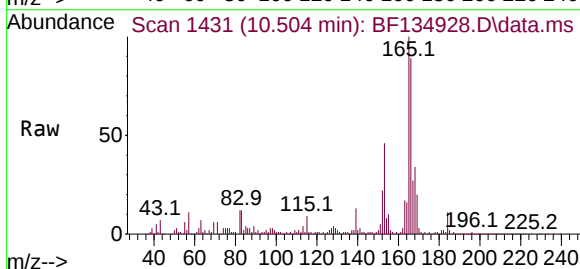
Tgt Ion:169 Resp: 62800

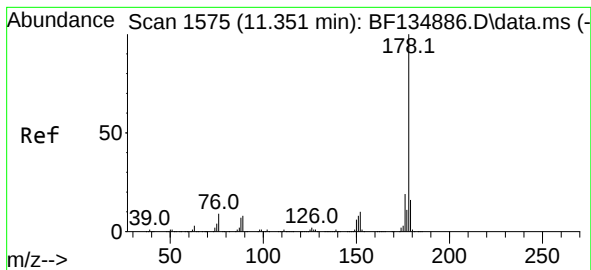
Ion Ratio Lower Upper

169 100

168 172.2 53.0 79.6#

167 136.9 29.0 43.6#





#71

Phenanthrene

Concen: 329.213 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.029 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z83-84

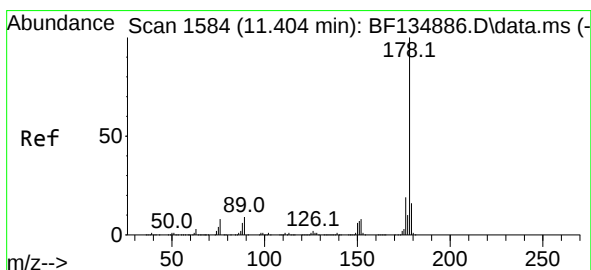
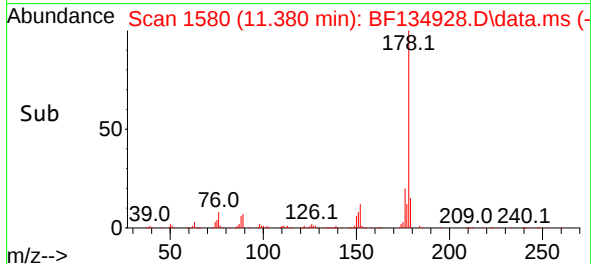
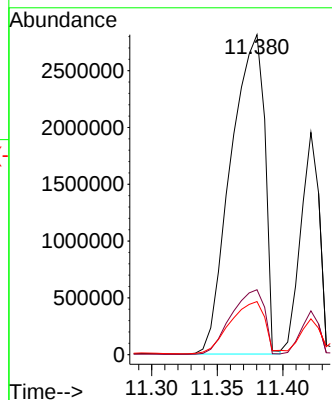
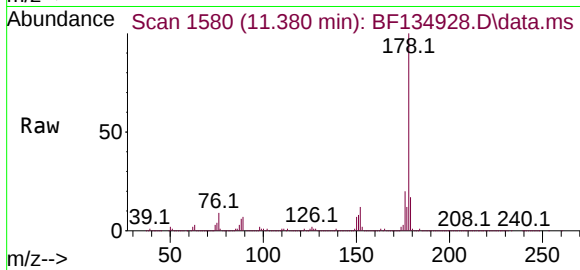
Tgt Ion:178 Resp: 5033359

Ion Ratio Lower Upper

178 100

176 20.3 15.5 23.3

179 16.6 12.6 19.0



#72

Anthracene

Concen: 124.328 ng

RT: 11.421 min Scan# 1587

Delta R.T. 0.017 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

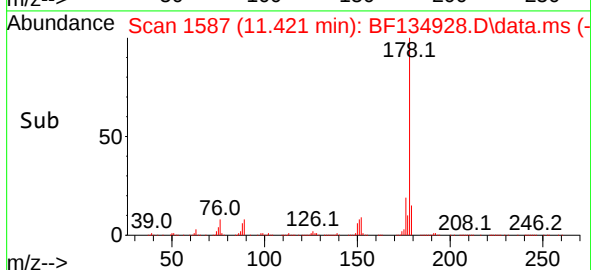
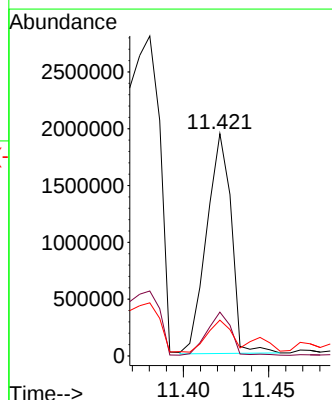
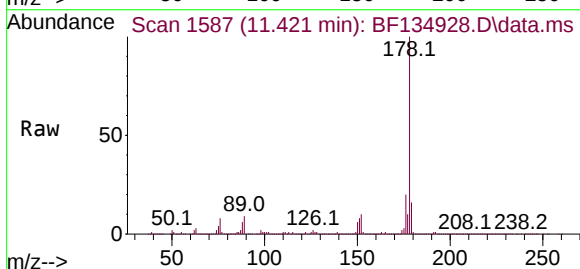
Tgt Ion:178 Resp: 1947610

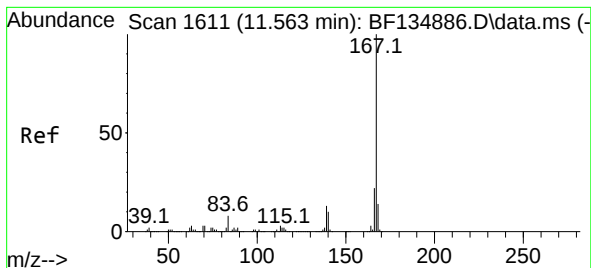
Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.6

179 16.1 12.5 18.7





#73

Carbazole

Concen: 6.798 ng

RT: 11.568 min Scan# 1611

Delta R.T. 0.006 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z83-84

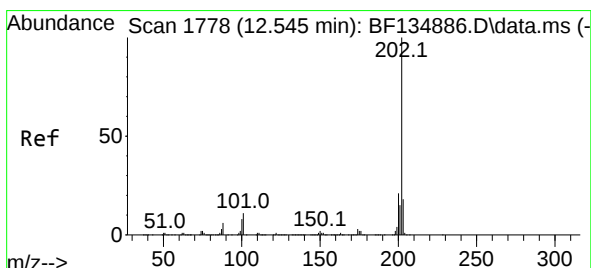
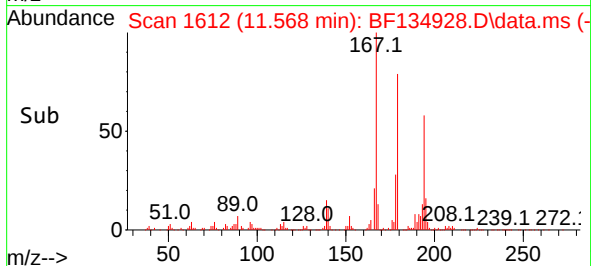
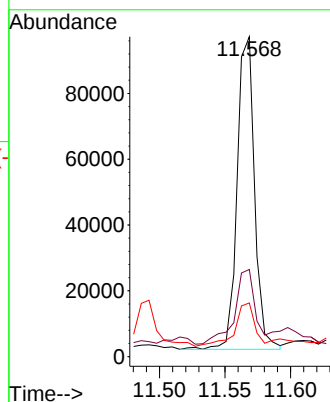
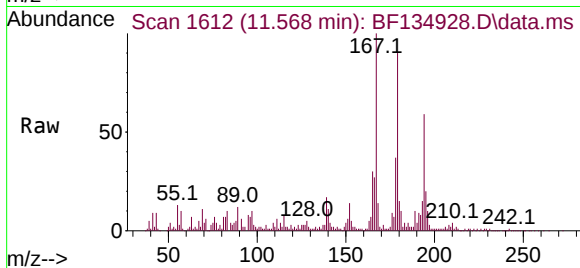
Tgt Ion:167 Resp: 87751

Ion Ratio Lower Upper

167 100

166 27.2 17.4 26.2#

139 16.8 10.4 15.6#



#75

Fluoranthene

Concen: 165.796 ng

RT: 12.568 min Scan# 1782

Delta R.T. 0.023 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

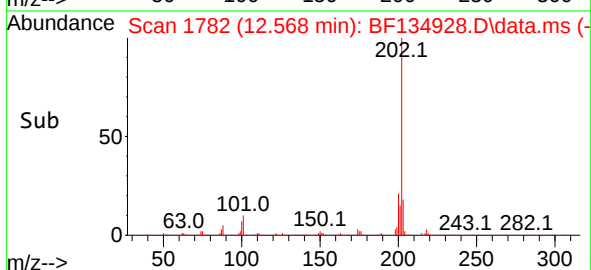
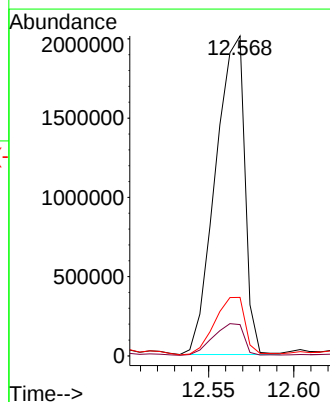
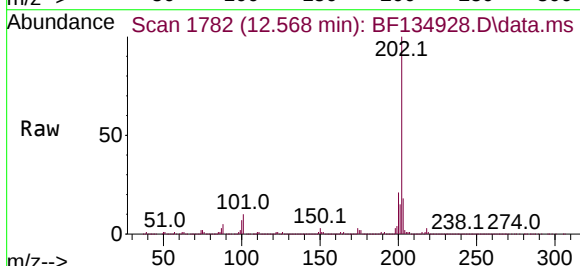
Tgt Ion:202 Resp: 2401804

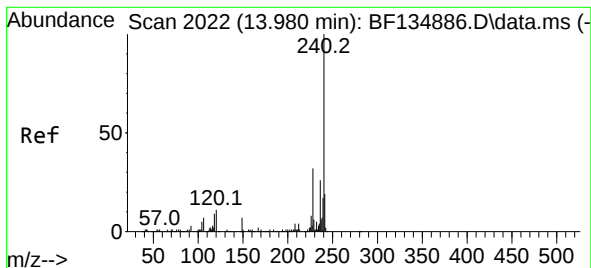
Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.5

203 18.3 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.017 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z83-84

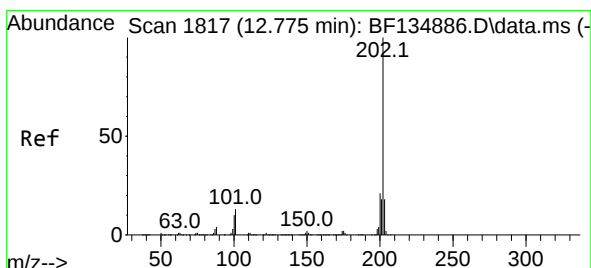
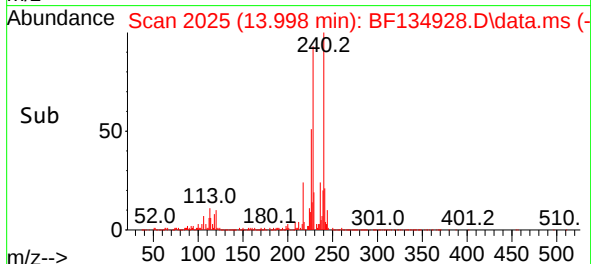
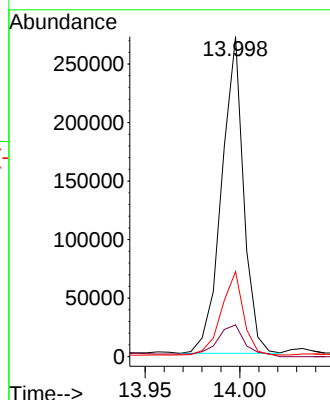
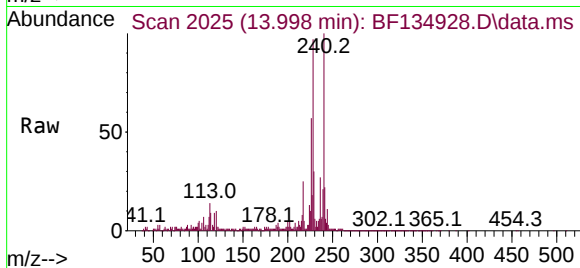
Tgt Ion:240 Resp: 218694

Ion Ratio Lower Upper

240 100

120 9.9 8.6 12.8

236 26.6 20.6 31.0



#78

Pyrene

Concen: 145.985 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.029 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

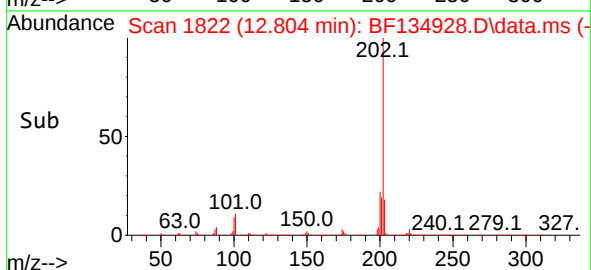
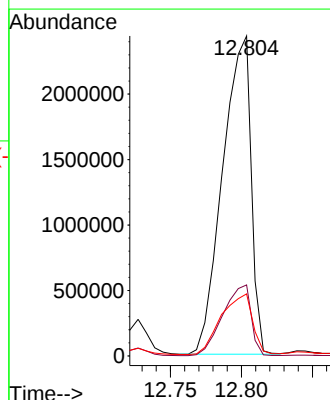
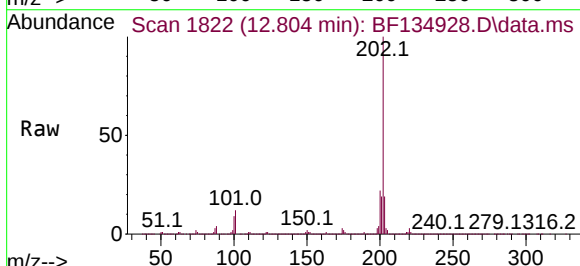
Tgt Ion:202 Resp: 3384990

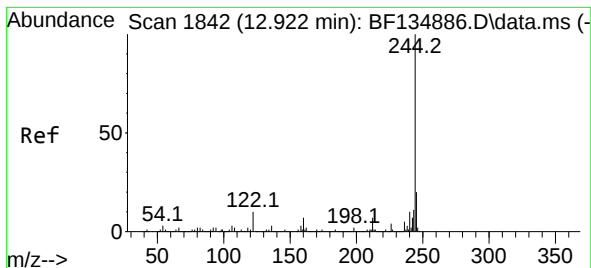
Ion Ratio Lower Upper

202 100

200 22.2 17.1 25.7

203 19.4 14.2 21.2





#79

Terphenyl-d14

Concen: 4.309 ng

RT: 12.927 min Scan# 1842

Delta R.T. 0.005 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z83-84

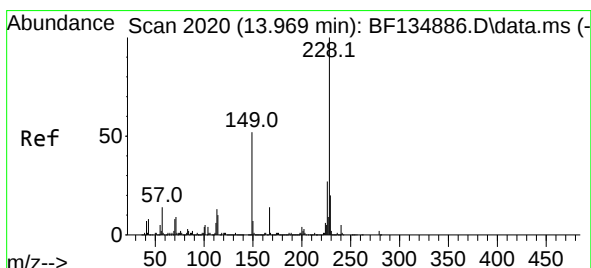
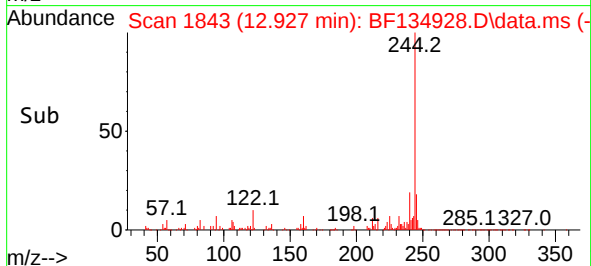
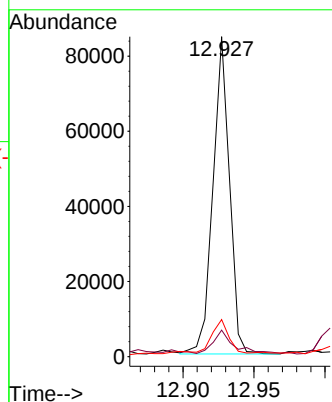
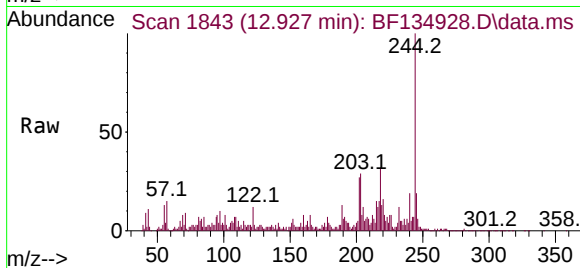
Tgt Ion:244 Resp: 68522

Ion Ratio Lower Upper

244 100

212 8.3 5.4 8.0#

122 11.6 8.2 12.4



#81

Benzo(a)anthracene

Concen: 83.737 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.059 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

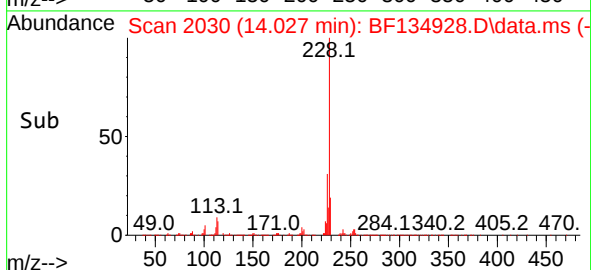
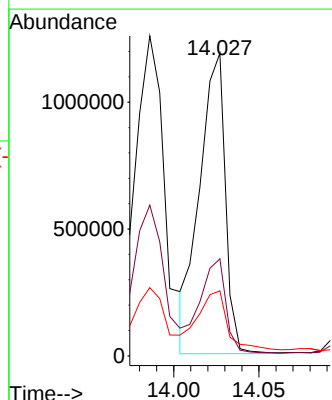
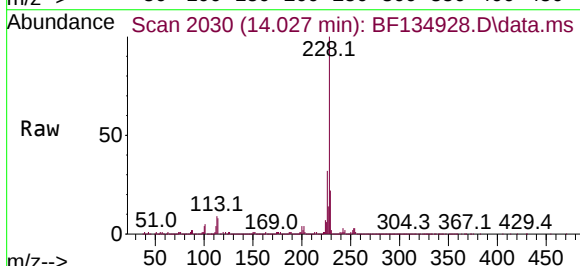
Tgt Ion:228 Resp: 1249444

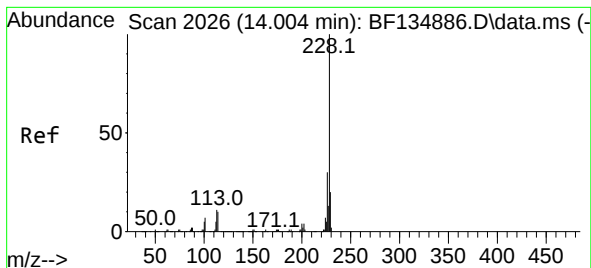
Ion Ratio Lower Upper

228 100

226 32.0 21.8 32.6

229 21.5 15.6 23.4





#83

Chrysene

Concen: 84.869 ng

RT: 14.027 min Scan# 20

Delta R.T. 0.023 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z83-84

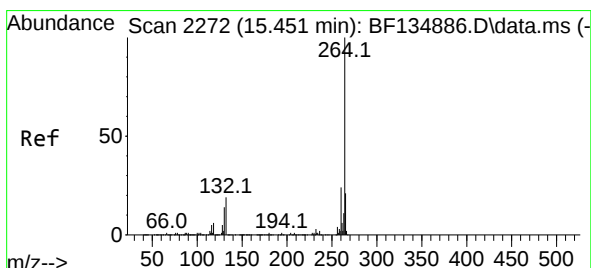
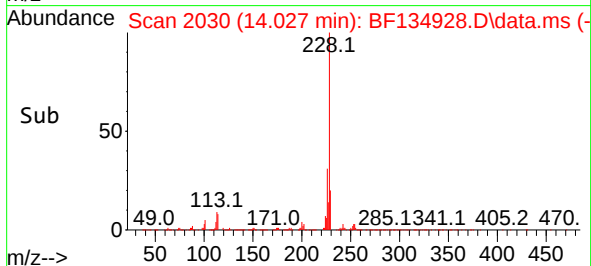
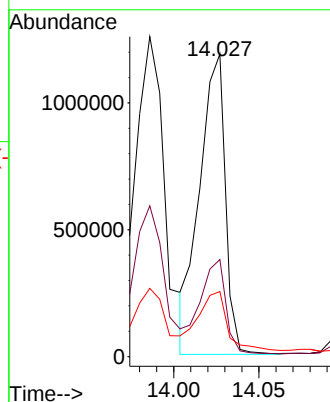
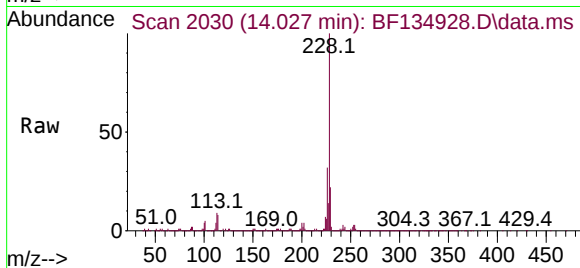
Tgt Ion:228 Resp: 1249444

Ion Ratio Lower Upper

228 100

226 32.0 24.2 36.2

229 21.5 16.0 24.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.017 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

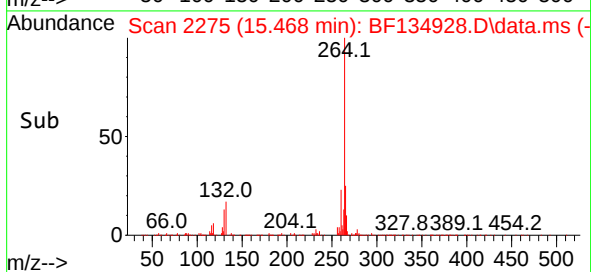
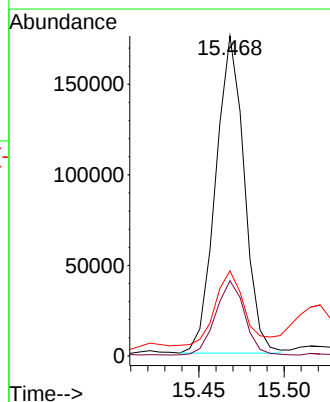
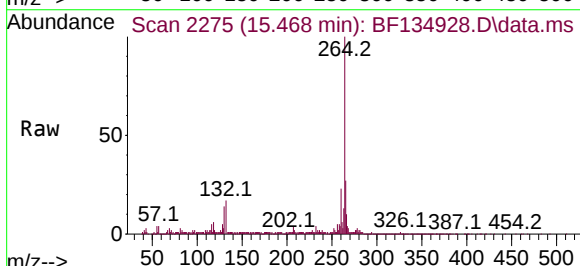
Tgt Ion:264 Resp: 204083

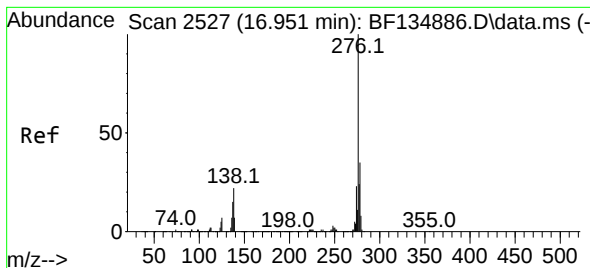
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 26.6 17.1 25.7#





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.036 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z83-84

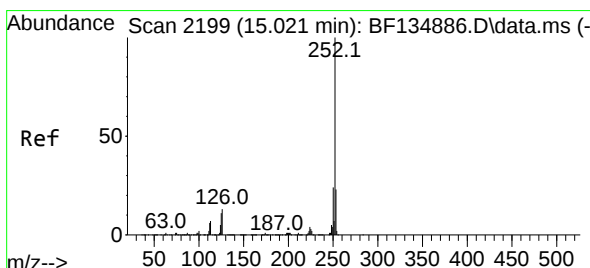
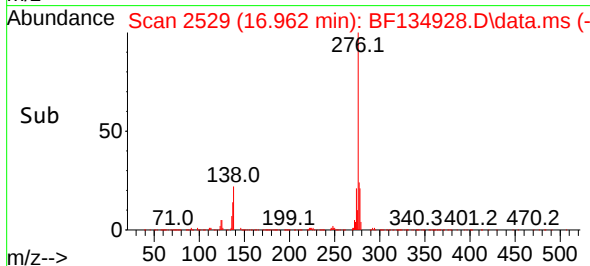
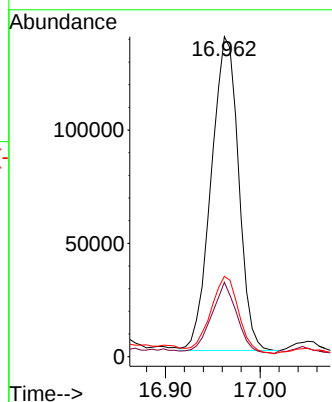
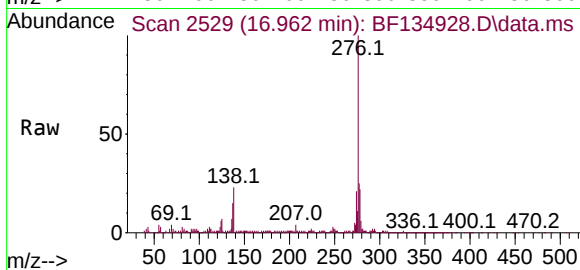
Tgt Ion:276 Resp: 277692

Ion Ratio Lower Upper

276 100

138 21.1 19.7 29.5

277 25.7 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 90.853 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.017 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

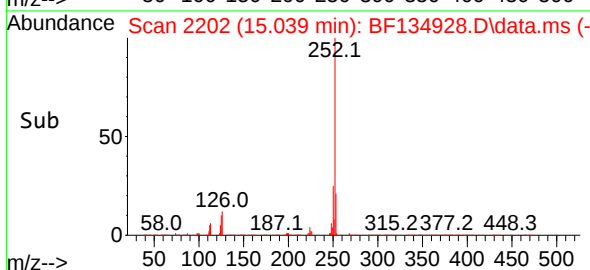
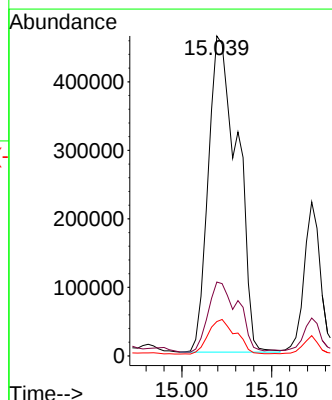
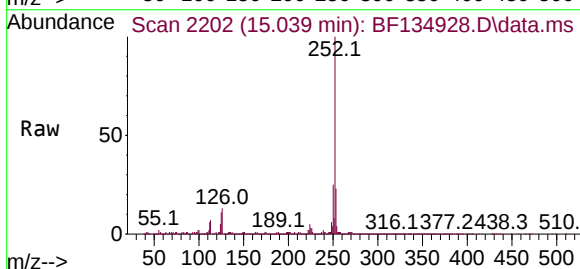
Tgt Ion:252 Resp: 1046101

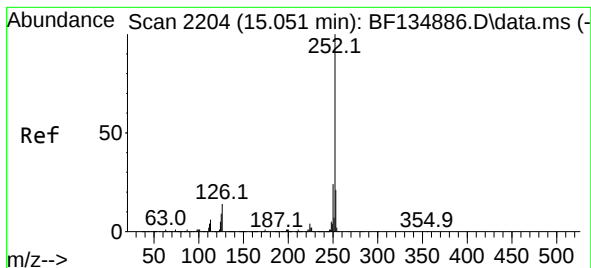
Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

125 10.7 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 92.520 ng

RT: 15.039 min Scan# 2204

Delta R.T. -0.012 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z83-84

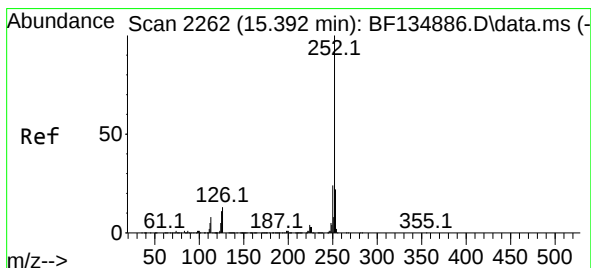
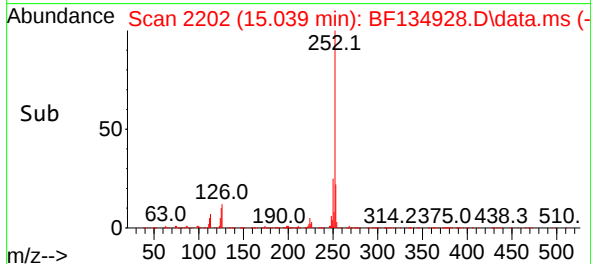
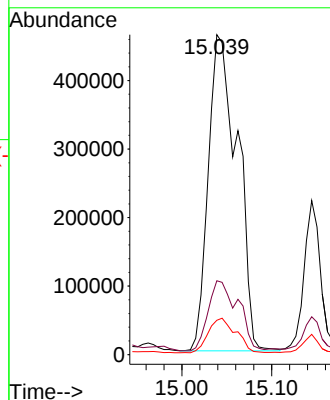
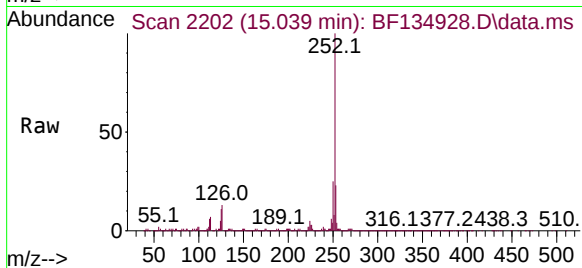
Tgt Ion:252 Resp: 1046101

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

125 10.7 8.0 12.0



#90

Benzo(a)pyrene

Concen: 78.412 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.017 min

Lab File: BF134928.D

Acq: 24 Aug 2023 17:17

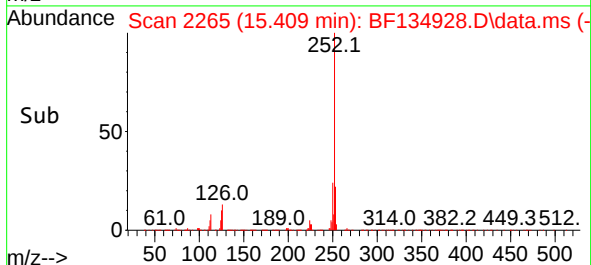
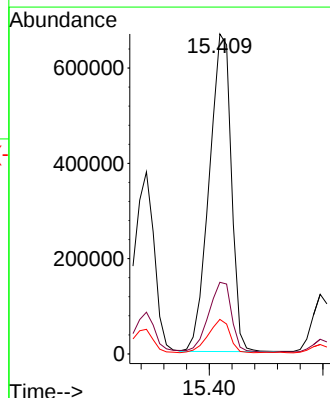
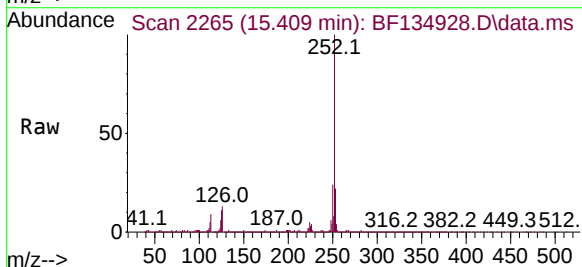
Tgt Ion:252 Resp: 901302

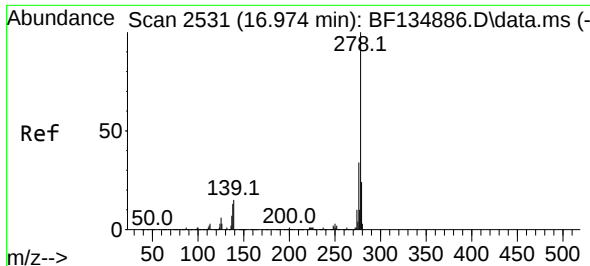
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.8 8.4 12.6

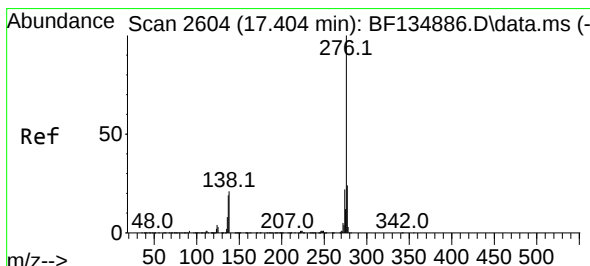
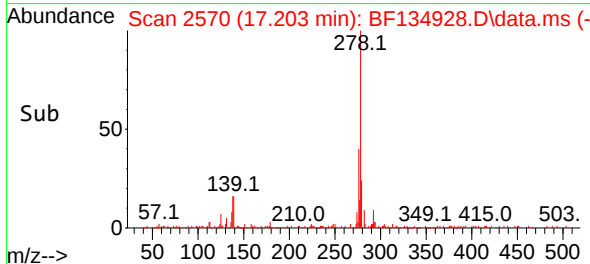
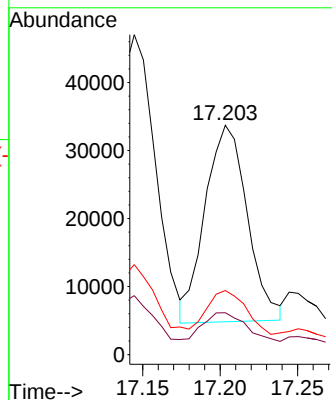
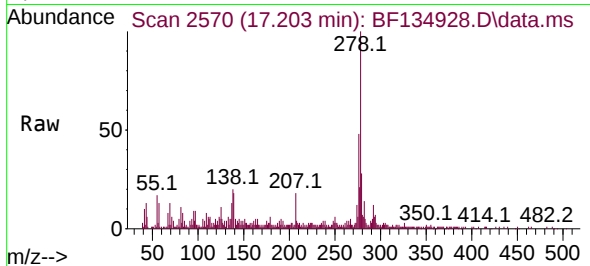




#91
Dibenzo(a,h)anthracene
Concen: 4.643 ng
RT: 17.203 min Scan# 21
Delta R.T. 0.229 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

Tgt Ion:278 Resp: 54805
Ion Ratio Lower Upper
278 100
139 18.3 12.2 18.4
279 27.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 24.770 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.017 min
Lab File: BF134928.D
Acq: 24 Aug 2023 17:17

Tgt Ion:276 Resp: 299293
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 19.8 17.0 25.6

