

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134659.D
 Acq On : 07 Aug 2023 17:54
 Operator : CG\JU
 Sample : 03815-03DL 50X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Time: Aug 08 01:23:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

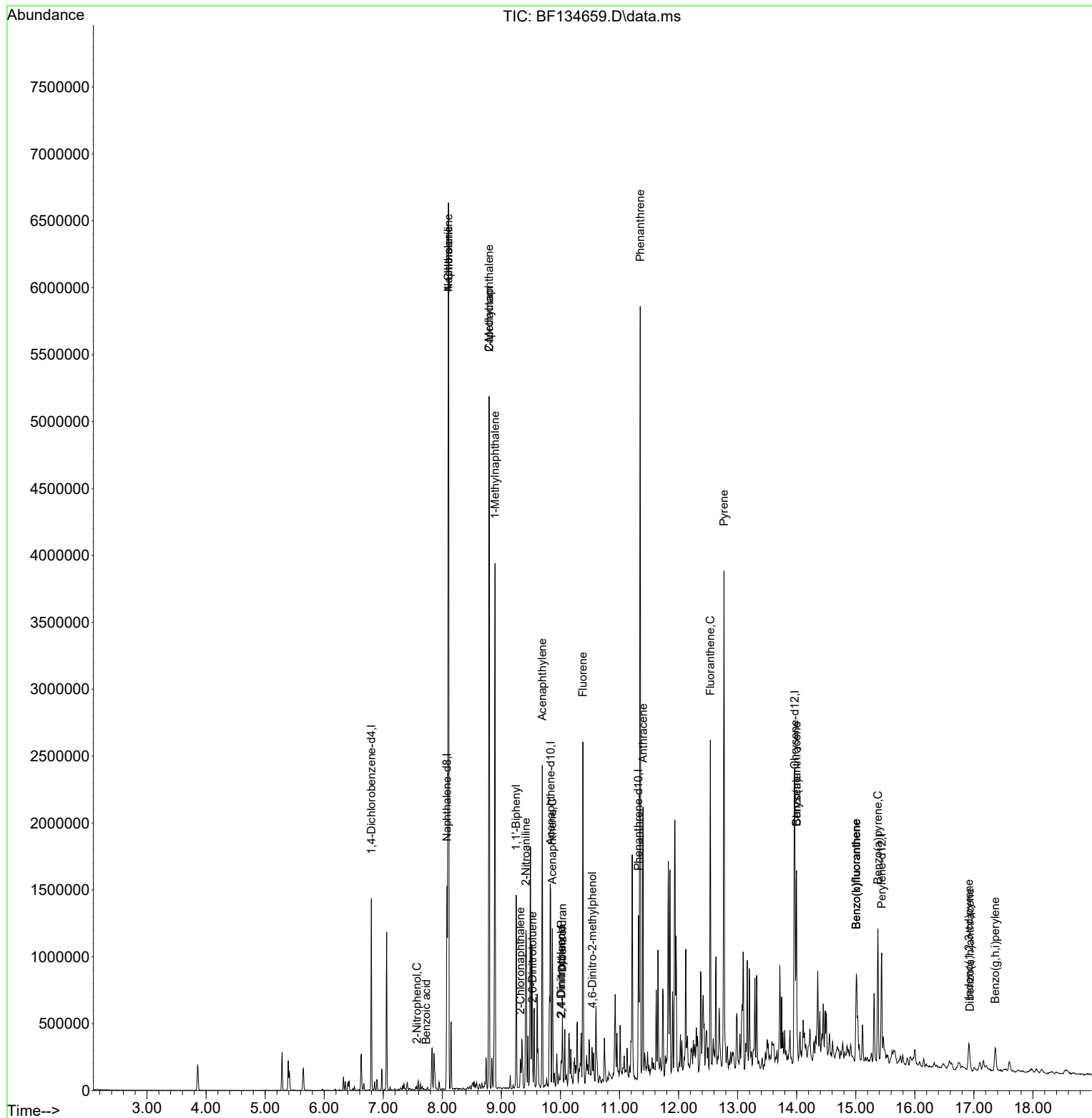
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	179676	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	685997	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	314203	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	462137	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	380776	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	361617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	14992	1.268	ng	-0.01
7) Phenol-d6	6.422	99	20096	1.330	ng	-0.02
23) Nitrobenzene-d5	7.351	82	10088	0.919	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	2508	0.783	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	22698	1.201	ng	-0.01
79) Terphenyl-d14	12.910	244	19638	0.909	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.357	77	2775	Below Cal	#	1
26) 2-Nitrophenol	7.569	139	80	4.807	ng	# 23
31) Naphthalene	8.104	128	3332158	96.649	ng	97
32) Benzoic acid	7.728	122	517	7.929	ng	98
33) 4-Chloroaniline	8.104	127	459569	29.916	ng	# 32
35) Caprolactam	8.792	113	30610	9.785	ng	# 1
37) 2-Methylnaphthalene	8.792	142	1324393	57.954	ng	100
38) 1-Methylnaphthalene	8.892	142	972998	45.787	ng	98
46) 1,1'-Biphenyl	9.251	154	400566	16.394	ng	98
47) 2-Chloronaphthalene	9.322	162	37367	2.041	ng	# 44
48) 2-Nitroaniline	9.416	65	6696	4.262	ng	# 22
49) Acenaphthylene	9.692	152	730407	25.381	ng	98
51) 2,6-Dinitrotoluene	9.527	165	8397	4.310	ng	# 62
52) Acenaphthene	9.863	154	204257	10.952	ng	100
54) 2,4-Dinitrophenol	10.016	184	190	6.926	ng	# 1
55) Dibenzofuran	10.033	168	68255	2.571	ng	# 88
57) 2,4-Dinitrotoluene	10.010	165	8929	4.436	ng	# 52
58) Fluorene	10.380	166	645681	33.390	ng	94
65) 4,6-Dinitro-2-methylph...	10.539	198	87	8.737	ng	# 1
71) Phenanthrene	11.351	178	2247833	91.573	ng	99
72) Anthracene	11.398	178	704948	28.115	ng	99
75) Fluoranthene	12.539	202	877060	33.825	ng	97
78) Pyrene	12.768	202	1494743	45.365	ng	97
81) Benzo(a)anthracene	13.998	228	594784	21.845	ng	97
83) Chrysene	13.998	228	594784	22.422	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	131125	6.165	ng	# 94
88) Benzo(b)fluoranthene	15.009	252	517016	23.442	ng	# 96
89) Benzo(k)fluoranthene	15.009	252	517016	23.533	ng	# 97
90) Benzo(a)pyrene	15.374	252	446372	21.707	ng	# 95
91) Dibenzo(a,h)anthracene	16.933	278	42287	2.460	ng	# 93
92) Benzo(g,h,i)perylene	17.362	276	142550	8.131	ng	# 91

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

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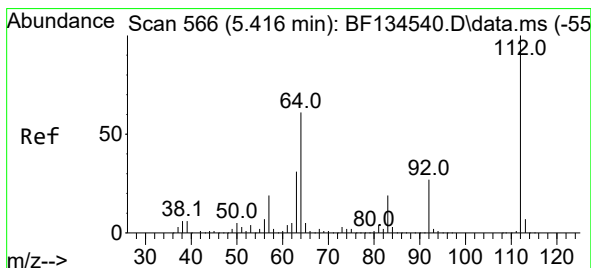
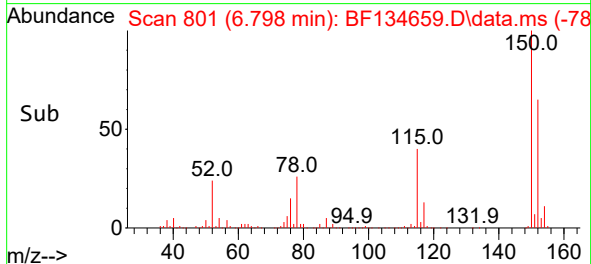
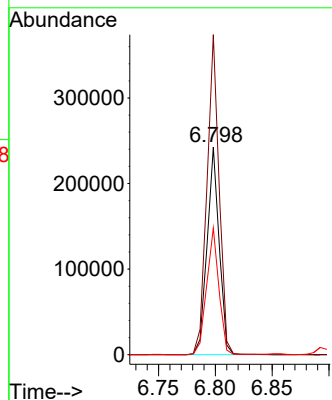
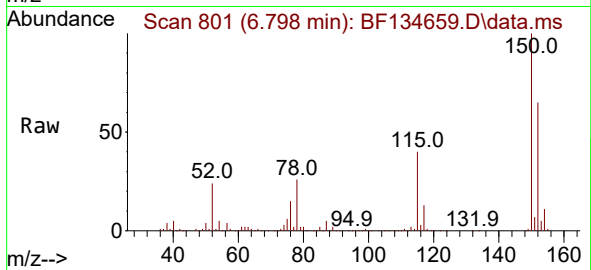




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

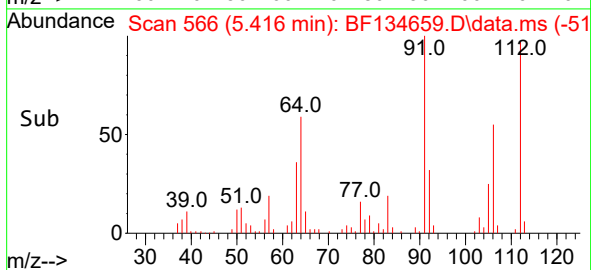
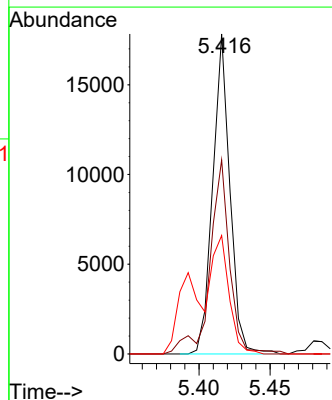
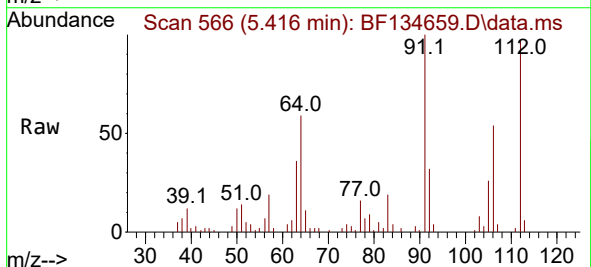
Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:152 Resp: 179676
Ion Ratio Lower Upper
152 100
150 154.2 128.3 192.5
115 61.1 52.4 78.6



#5
2-Fluorophenol
Concen: 1.268 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

Tgt Ion:112 Resp: 14992
Ion Ratio Lower Upper
112 100
64 60.6 44.9 67.3
63 37.0 25.4 38.0

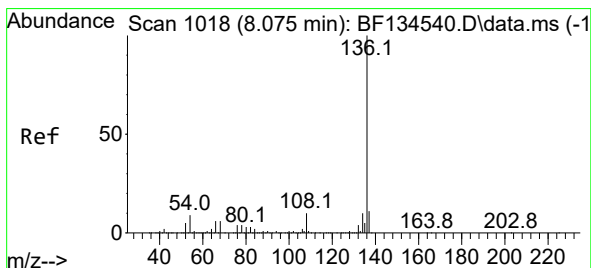
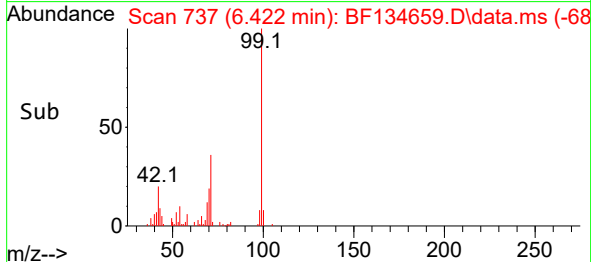
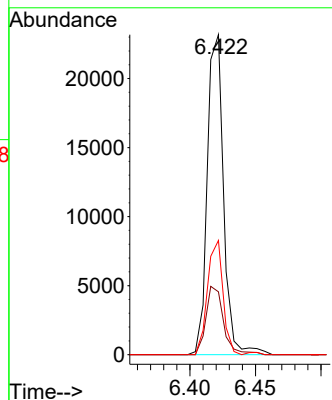
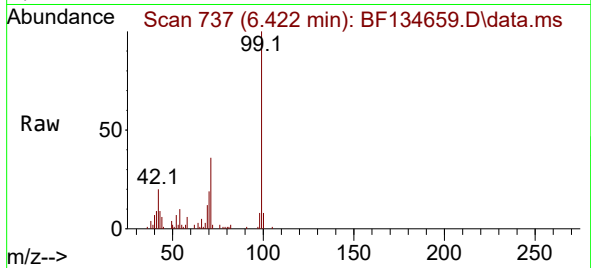




#7
Phenol-d6
Concen: 1.330 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

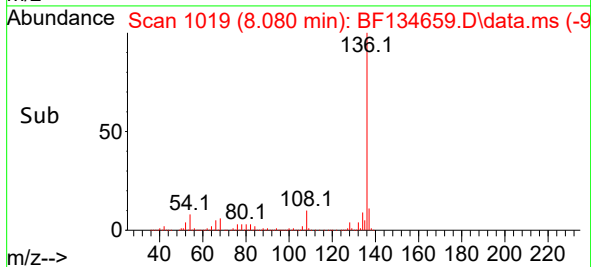
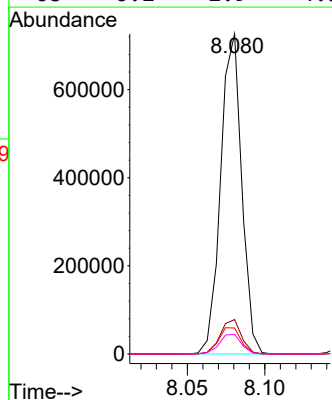
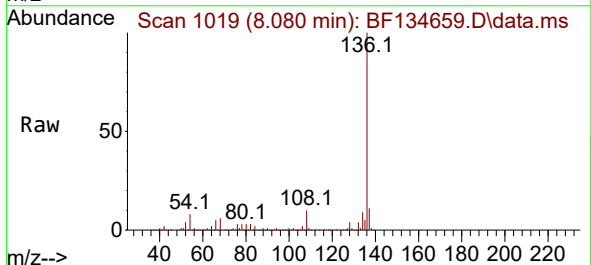
Instrument :
BNA_F
ClientSampleId :
DUP-01

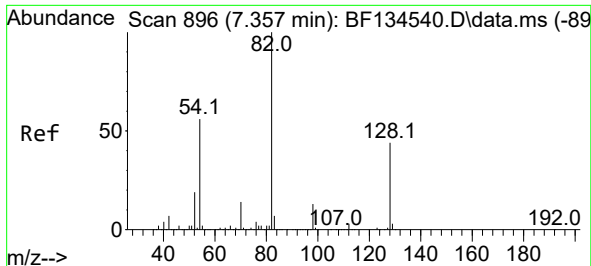
Tgt Ion: 99 Resp: 20096
Ion Ratio Lower Upper
99 100
42 19.6 18.7 28.1
71 35.7 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

Tgt Ion: 136 Resp: 685997
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.1 5.2 7.8#
68 6.2 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 0.919 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

Instrument :

BNA_F

ClientSampleId :

DUP-01

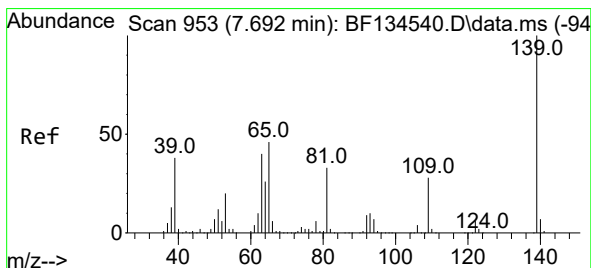
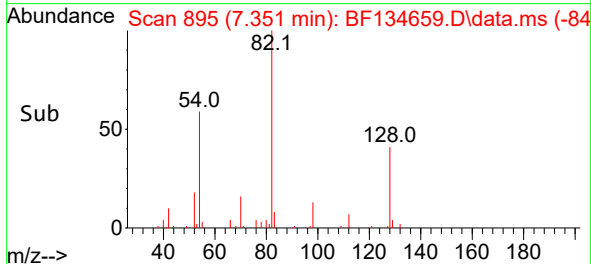
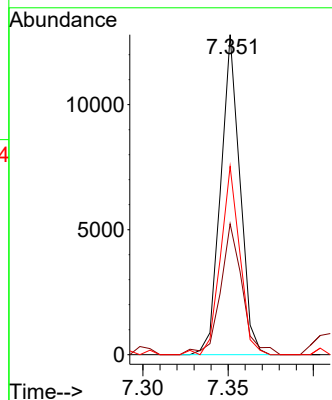
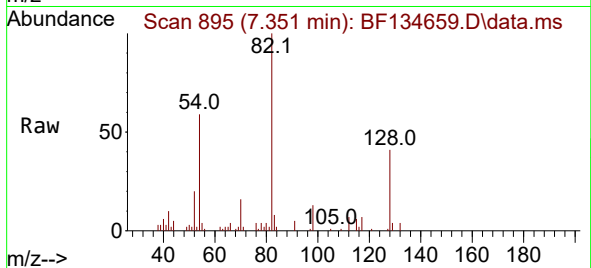
Tgt Ion: 82 Resp: 10088

Ion Ratio Lower Upper

82 100

128 40.9 34.3 51.5

54 58.9 43.8 65.6



#26

2-Nitrophenol

Concen: 4.807 ng

RT: 7.569 min Scan# 932

Delta R.T. -0.129 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

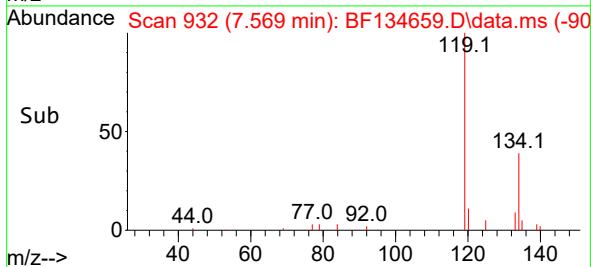
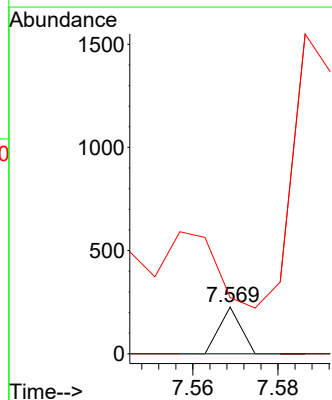
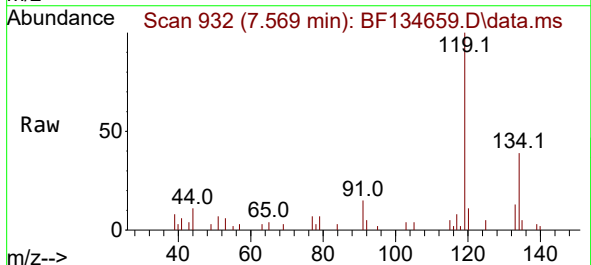
Tgt Ion:139 Resp: 80

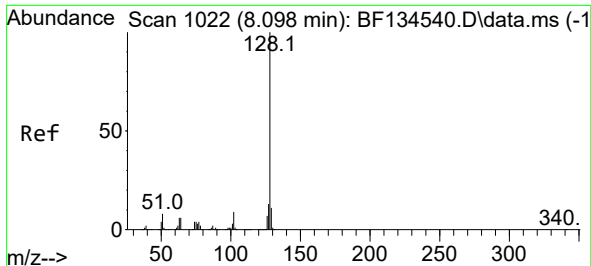
Ion Ratio Lower Upper

139 100

109 0.0 29.8 44.6#

65 120.3 45.4 68.2#

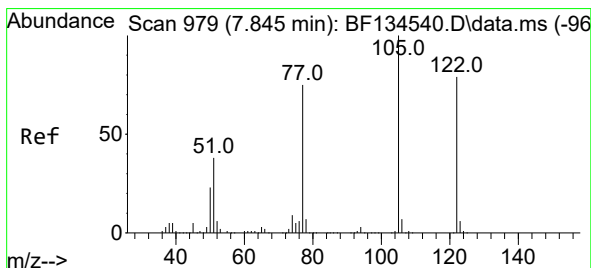
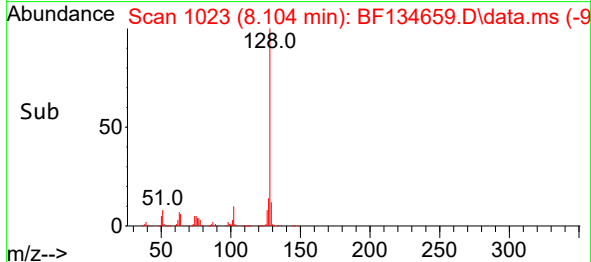
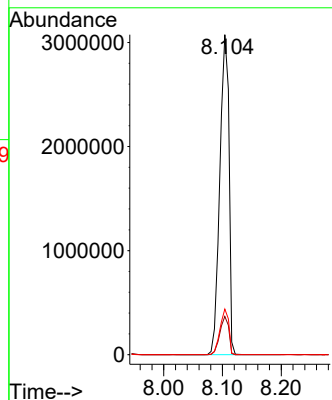
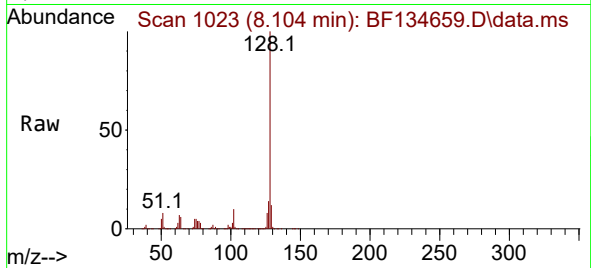




#31
Naphthalene
Concen: 96.649 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

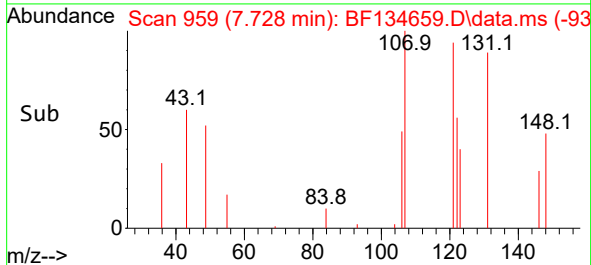
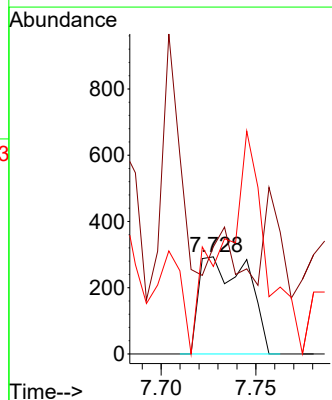
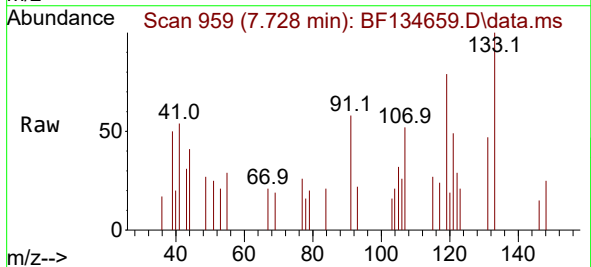
Instrument :
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DUP-01

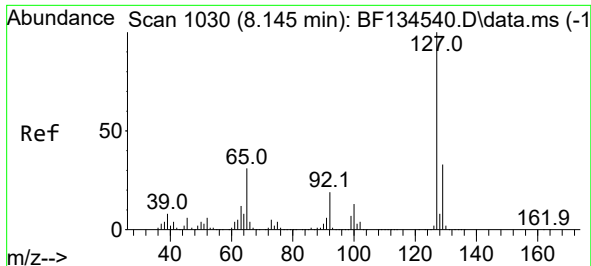
Tgt Ion:128 Resp: 3332158
Ion Ratio Lower Upper
128 100
129 12.0 8.4 12.6
127 14.3 10.7 16.1



#32
Benzoic acid
Concen: 7.929 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.135 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

Tgt Ion:122 Resp: 517
Ion Ratio Lower Upper
122 100
105 110.2 87.5 127.5
77 90.1 71.4 111.4

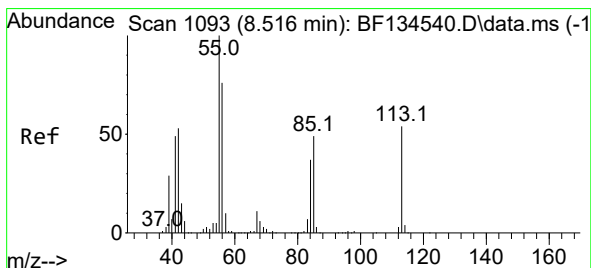
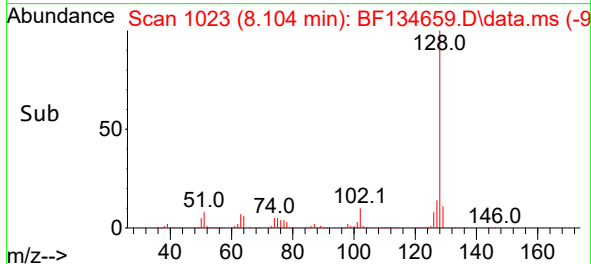
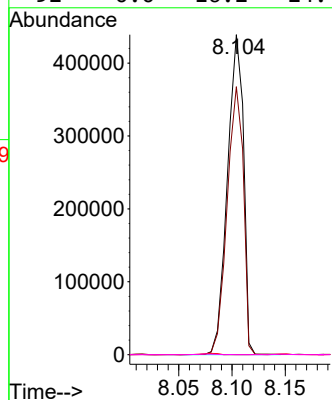
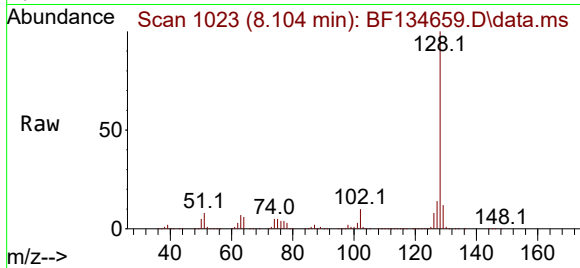




#33
4-Chloroaniline
Concen: 29.916 ng
RT: 8.104 min Scan# 1140
Delta R.T. -0.047 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

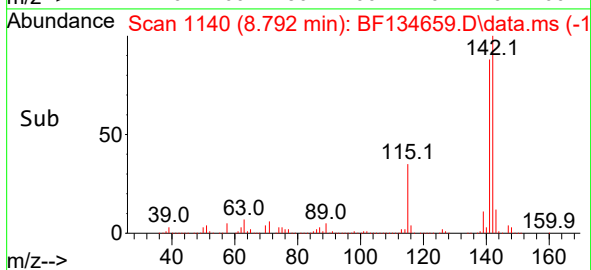
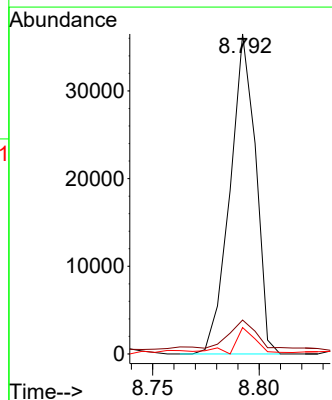
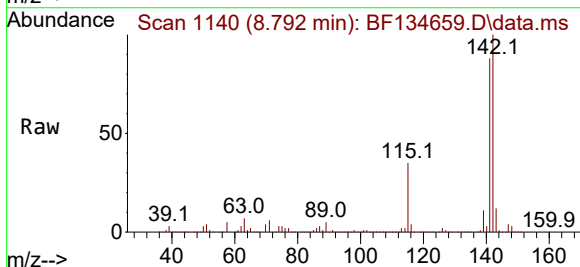
Instrument :
BNA_F
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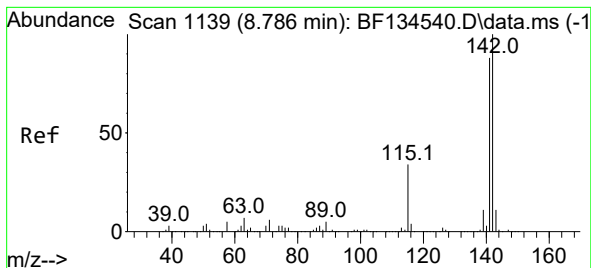
Tgt Ion:127 Resp: 459569
Ion Ratio Lower Upper
127 100
129 83.8 25.6 38.4#
65 0.0 25.4 38.0#
92 0.0 16.2 24.4#



#35
Caprolactam
Concen: 9.785 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.259 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

Tgt Ion:113 Resp: 30610
Ion Ratio Lower Upper
113 100
55 10.6 161.5 201.5#
56 8.3 117.8 157.8#

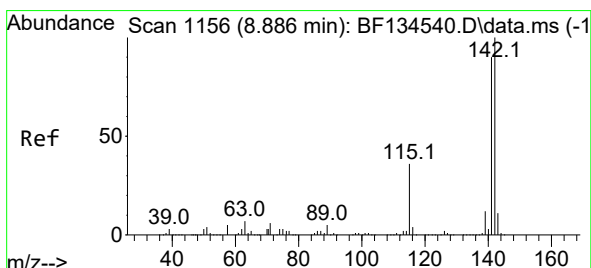
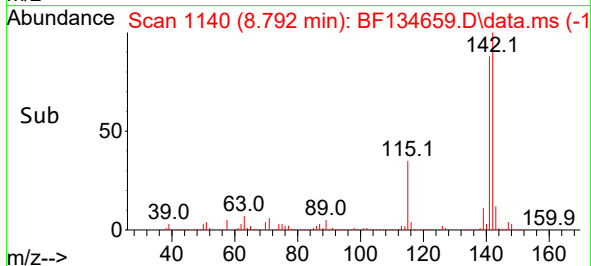
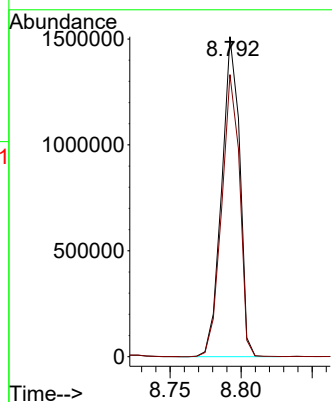
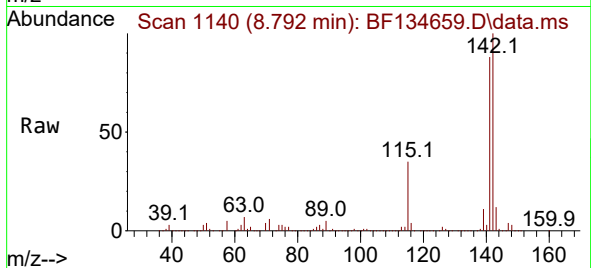




#37
2-Methylnaphthalene
Concen: 57.954 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

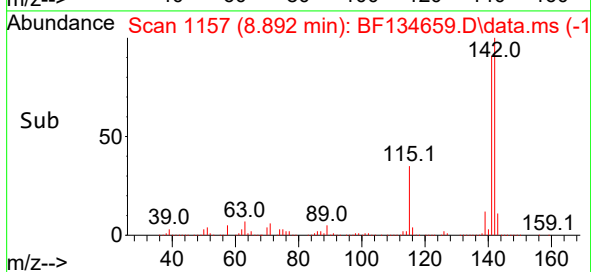
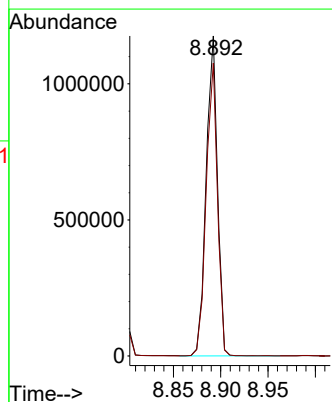
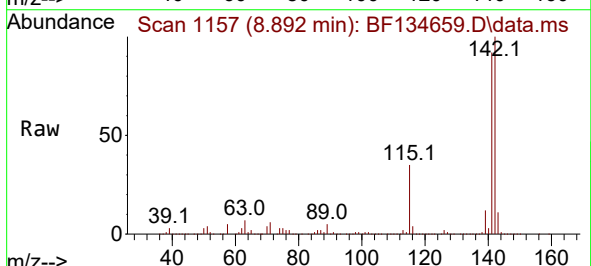
Instrument :
BNA_F
ClientSampleId :
DUP-01

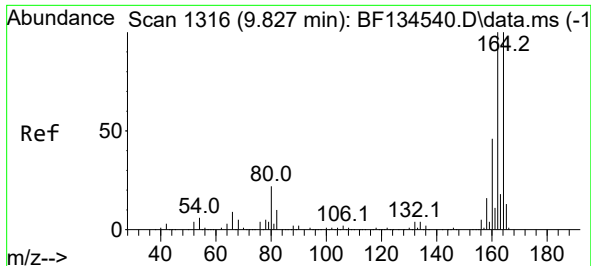
Tgt Ion:142 Resp: 1324393
Ion Ratio Lower Upper
142 100
141 88.2 70.8 106.2



#38
1-Methylnaphthalene
Concen: 45.787 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

Tgt Ion:142 Resp: 972998
Ion Ratio Lower Upper
142 100
141 91.6 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

Instrument :

BNA_F

ClientSampleId :

DUP-01

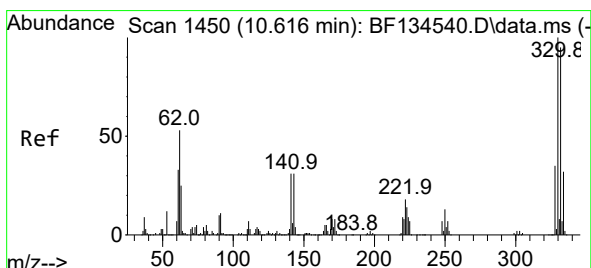
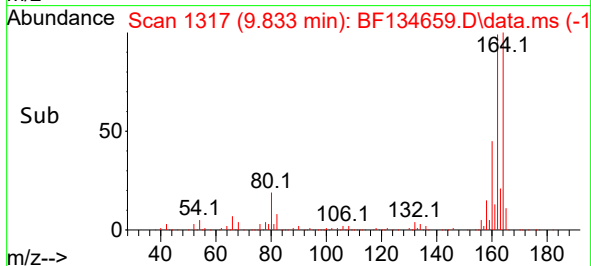
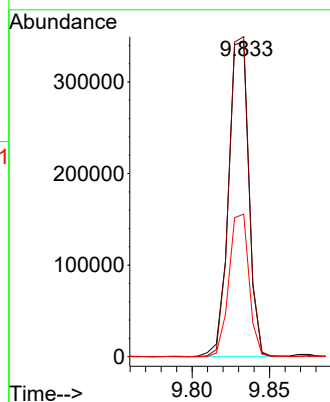
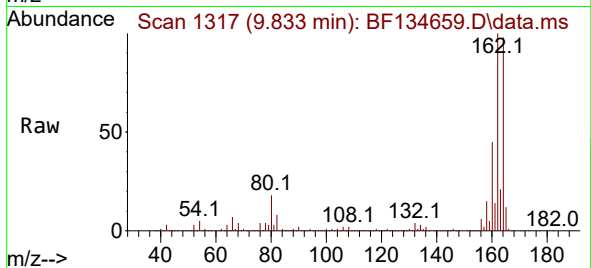
Tgt Ion:164 Resp: 314203

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

160 45.3 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 0.783 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

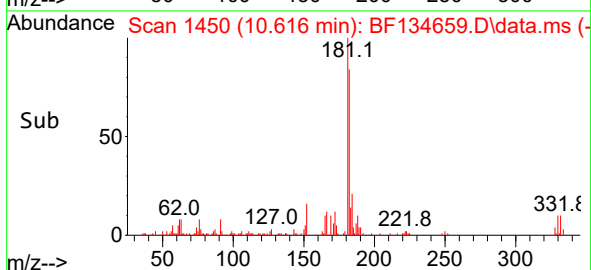
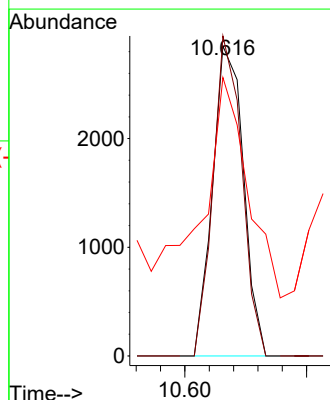
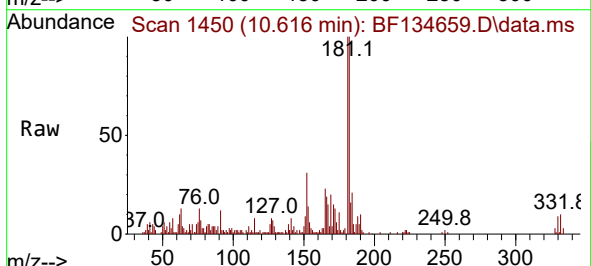
Tgt Ion:330 Resp: 2508

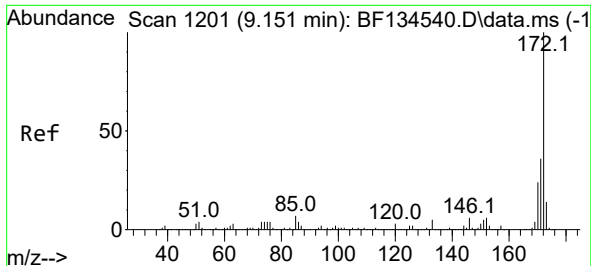
Ion Ratio Lower Upper

330 100

332 96.5 78.8 118.2

141 102.7 25.4 38.2#





#45

2-Fluorobiphenyl

Concen: 1.201 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

Instrument :

BNA_F

ClientSampleId :

DUP-01

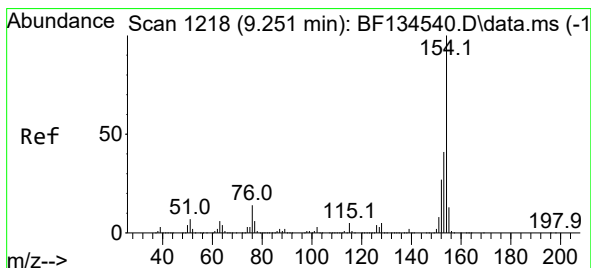
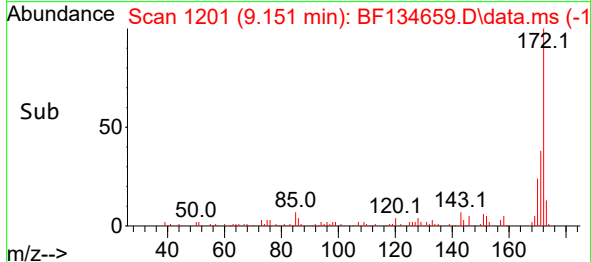
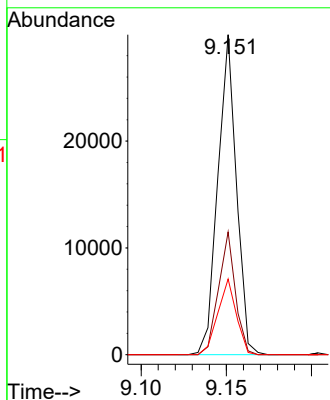
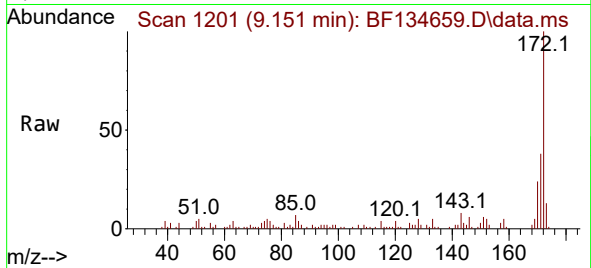
Tgt Ion:172 Resp: 22698

Ion Ratio Lower Upper

172 100

171 38.3 28.8 43.2

170 23.6 18.7 28.1



#46

1,1'-Biphenyl

Concen: 16.394 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

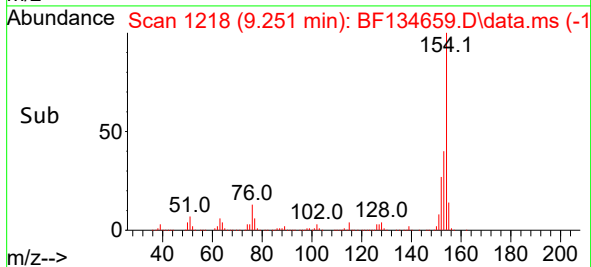
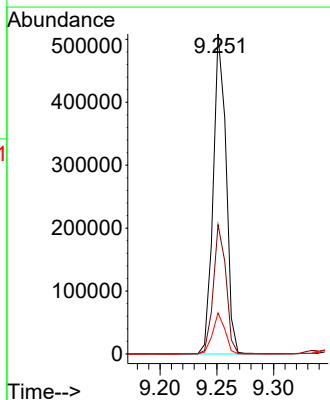
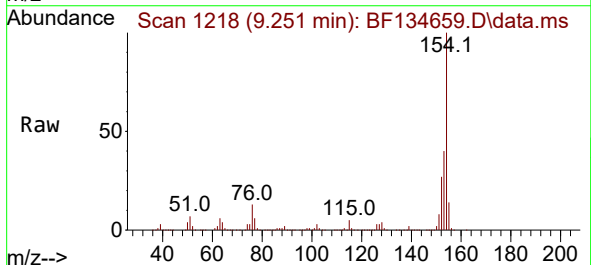
Tgt Ion:154 Resp: 400566

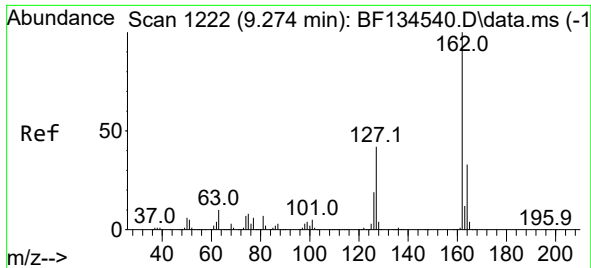
Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

76 12.8 0.0 30.2





#47

2-Chloronaphthalene

Concen: 2.041 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.035 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

Instrument :

BNA_F

ClientSampleId :

DUP-01

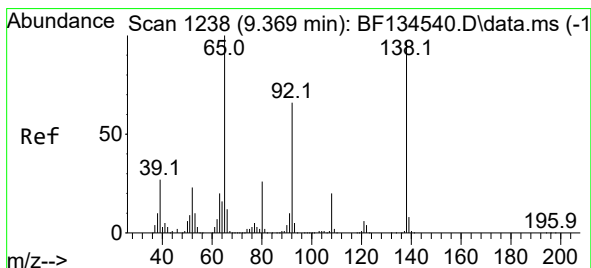
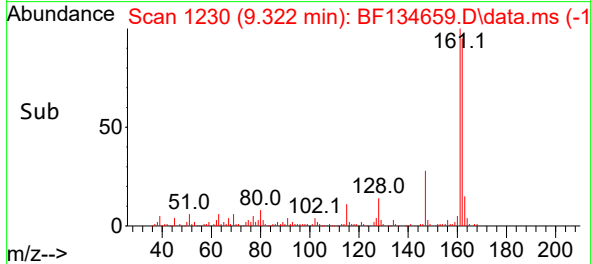
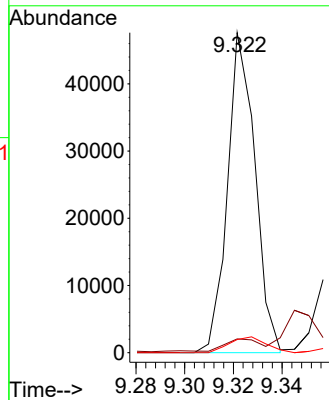
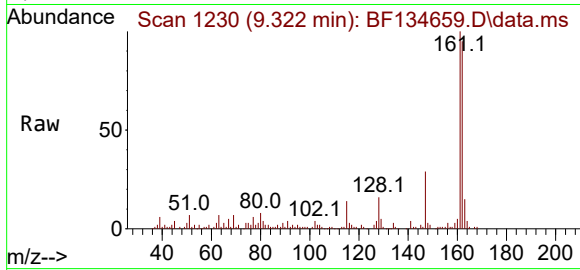
Tgt Ion:162 Resp: 37367

Ion Ratio Lower Upper

162 100

127 4.3 34.0 51.0#

164 4.1 25.7 38.5#



#48

2-Nitroaniline

Concen: 4.262 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.035 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

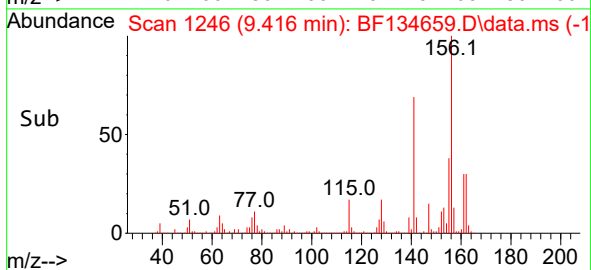
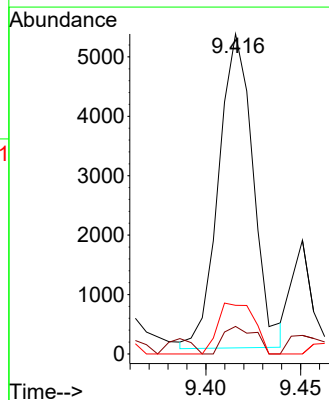
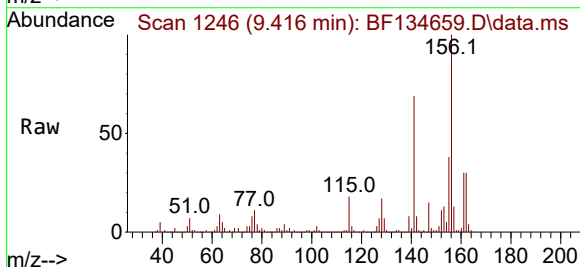
Tgt Ion: 65 Resp: 6696

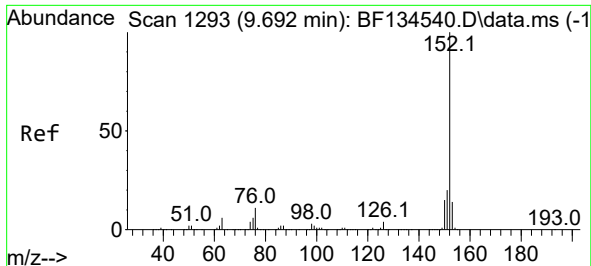
Ion Ratio Lower Upper

65 100

92 8.6 50.7 76.1#

138 15.2 78.2 117.4#

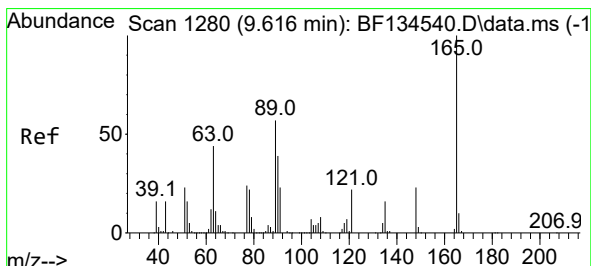
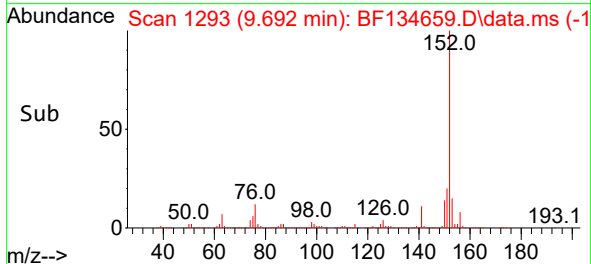
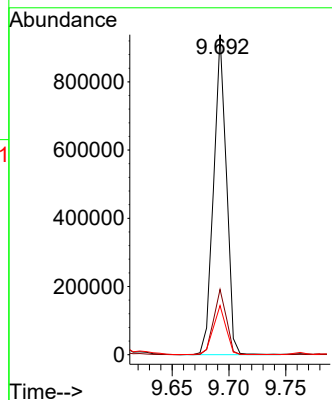
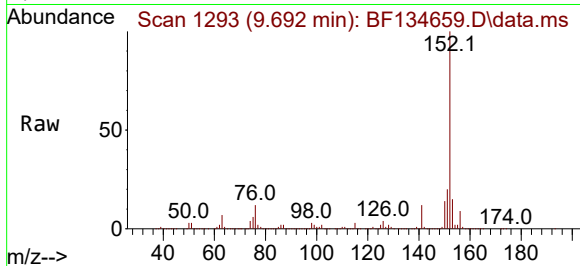




#49
Acenaphthylene
Concen: 25.381 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

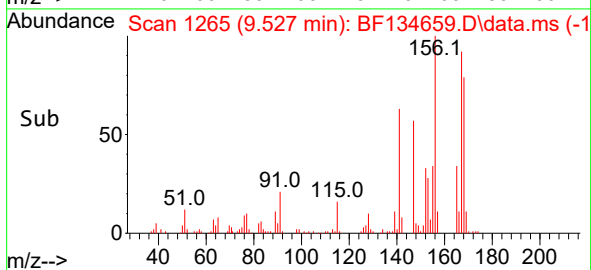
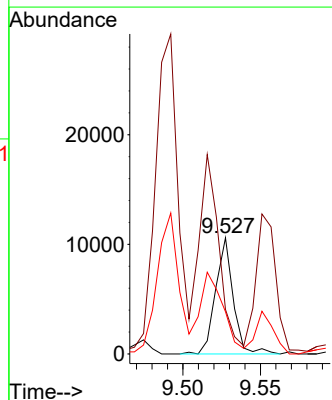
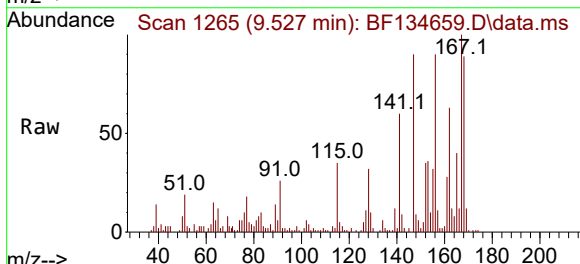
Instrument :
BNA_F
ClientSampleId :
DUP-01

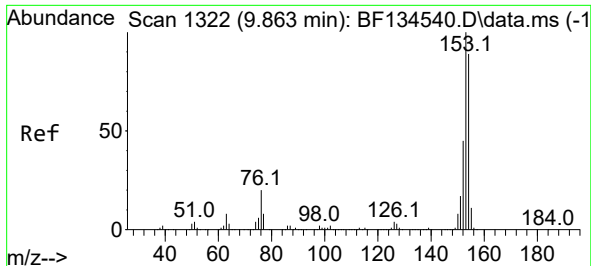
Tgt Ion:152 Resp: 730407
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 15.4 10.9 16.3



#51
2,6-Dinitrotoluene
Concen: 4.310 ng
RT: 9.527 min Scan# 1265
Delta R.T. -0.100 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

Tgt Ion:165 Resp: 8397
Ion Ratio Lower Upper
165 100
63 38.3 57.8 86.6#
89 36.4 51.8 77.8#

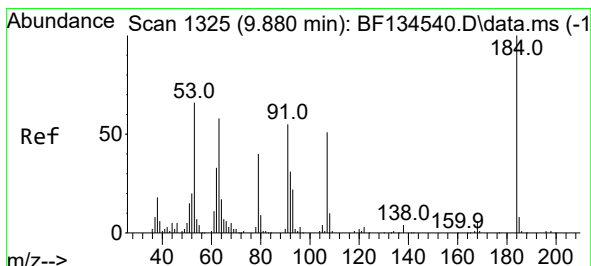
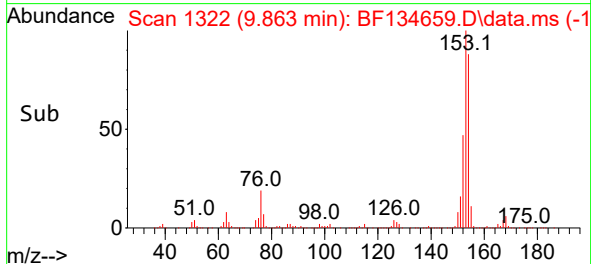
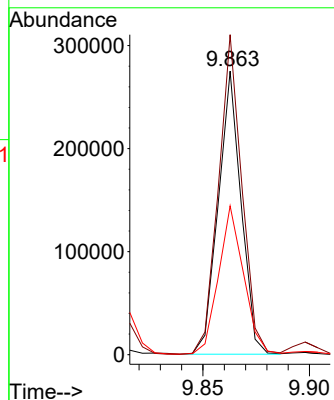
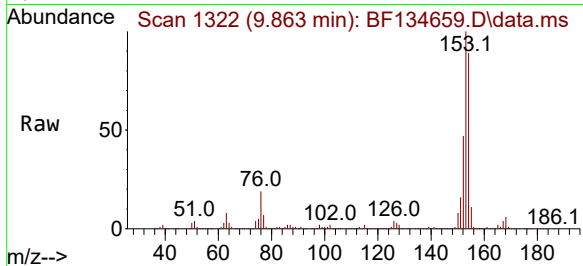




#52
Acenaphthene
Concen: 10.952 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

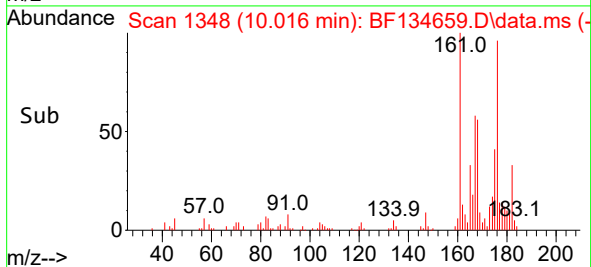
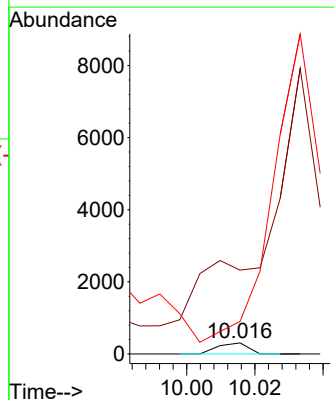
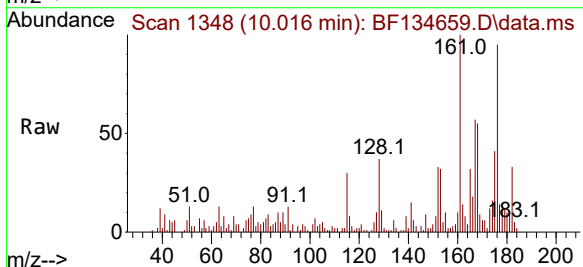
Instrument :
BNA_F
ClientSampleId :
DUP-01

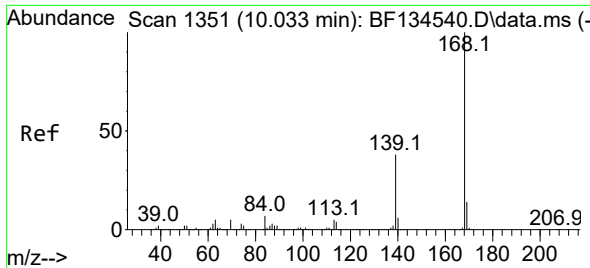
Tgt Ion:154 Resp: 204257
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 52.5 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 6.926 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.118 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

Tgt Ion:184 Resp: 190
Ion Ratio Lower Upper
184 100
63 755.5 57.1 85.7#
154 292.2 59.1 88.7#

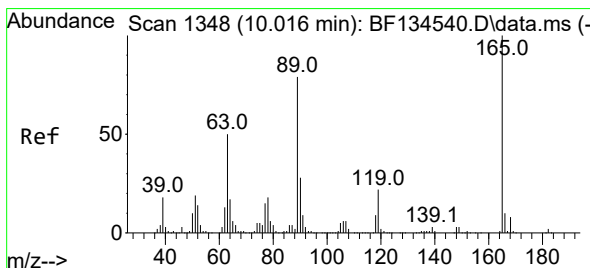
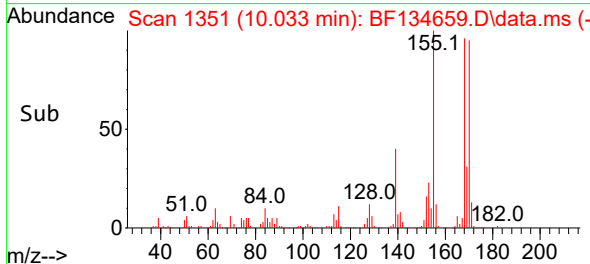
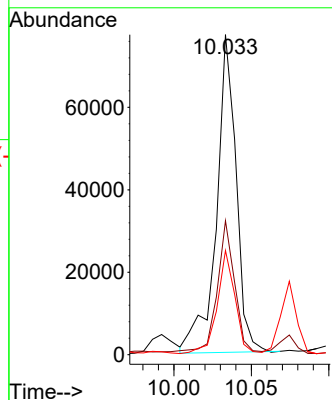
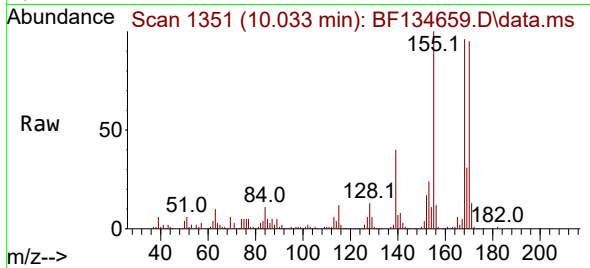




#55
Dibenzenofuran
Concen: 2.571 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

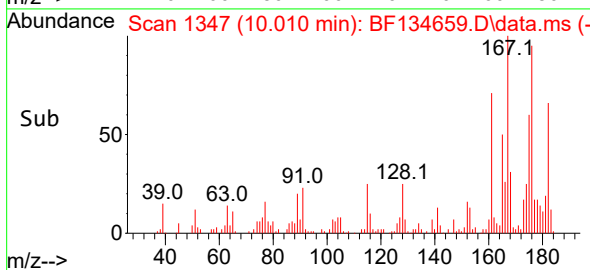
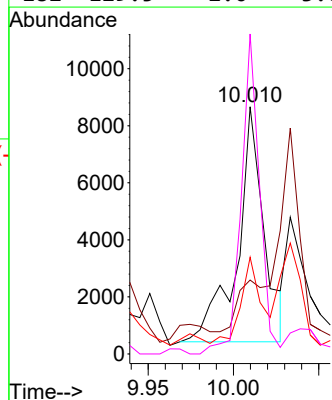
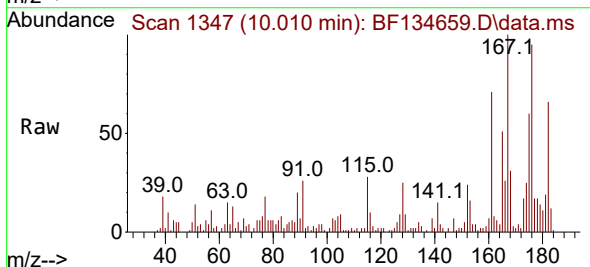
Instrument :
BNA_F
ClientSampleId :
DUP-01

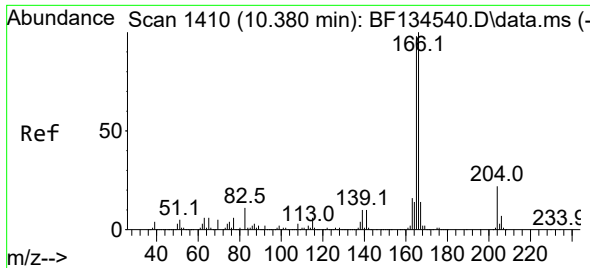
Tgt Ion:168 Resp: 68255
Ion Ratio Lower Upper
168 100
139 41.9 33.4 50.2
169 32.5 10.6 15.8#



#57
2,4-Dinitrotoluene
Concen: 4.436 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.018 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

Tgt Ion:165 Resp: 8929
Ion Ratio Lower Upper
165 100
63 29.9 48.9 73.3#
89 39.1 61.7 92.5#
182 129.5 2.0 3.0#

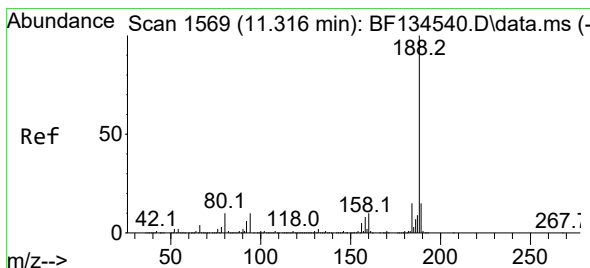
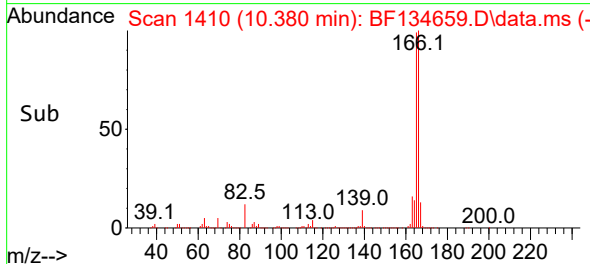
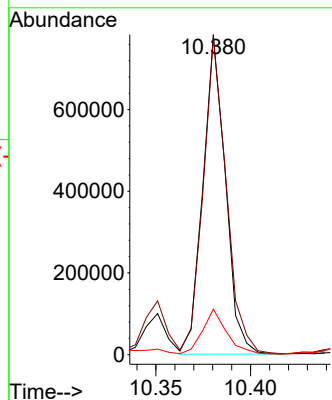
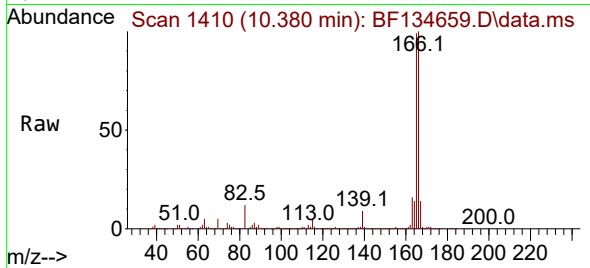




#58
Fluorene
Concen: 33.390 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

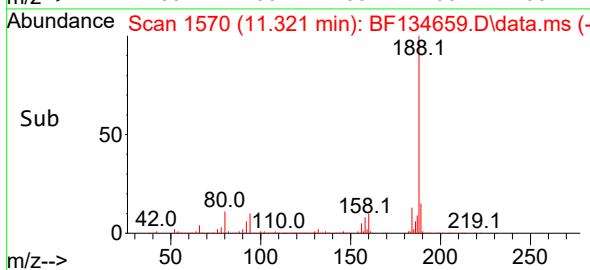
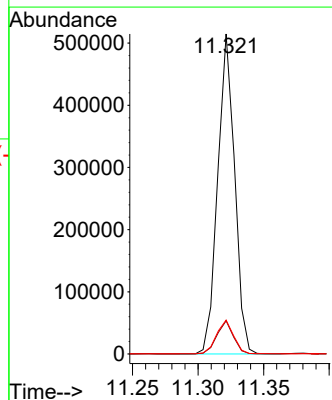
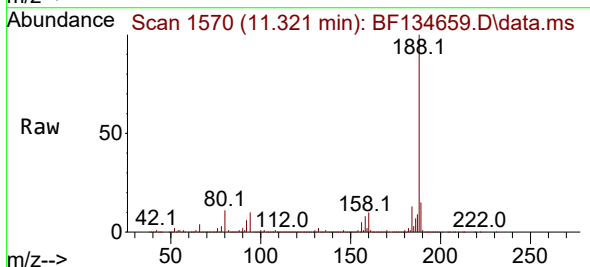
Instrument :
BNA_F
ClientSampleId :
DUP-01

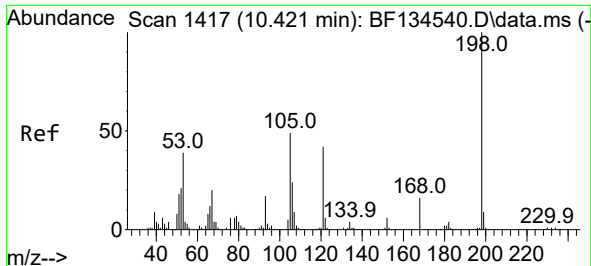
Tgt Ion:166 Resp: 645681
Ion Ratio Lower Upper
166 100
165 99.1 74.5 111.7
167 14.2 10.6 16.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

Tgt Ion:188 Resp: 462137
Ion Ratio Lower Upper
188 100
94 10.4 5.1 7.7#
80 10.6 6.6 9.8#

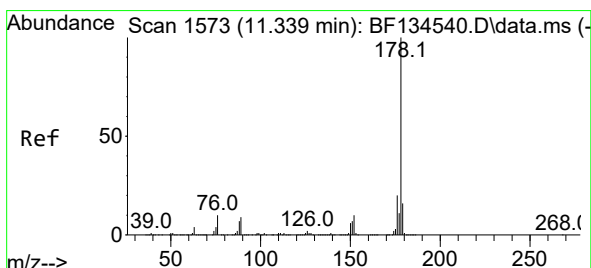
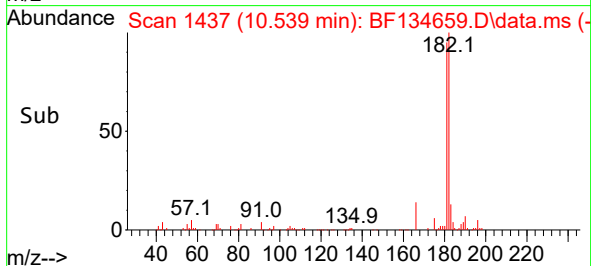
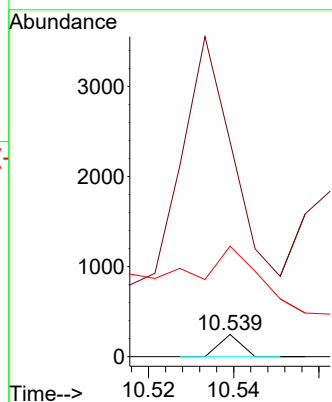
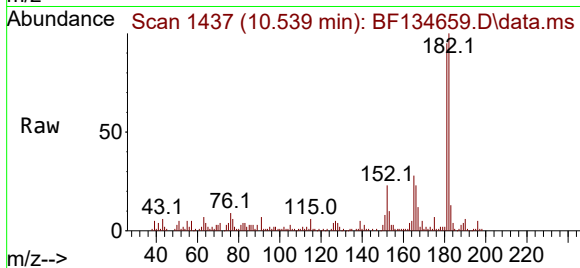




#65
4,6-Dinitro-2-methylphenol
Concen: 8.737 ng
RT: 10.539 min Scan# 1417
Delta R.T. 0.100 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

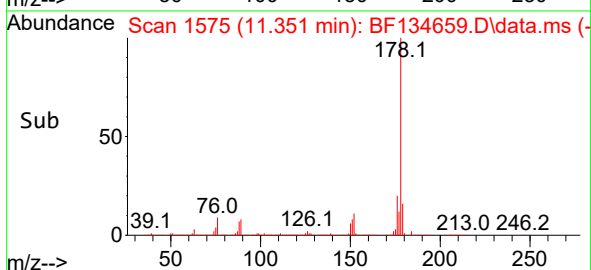
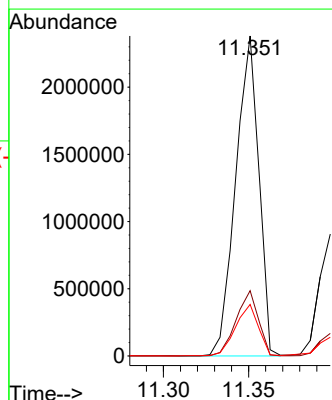
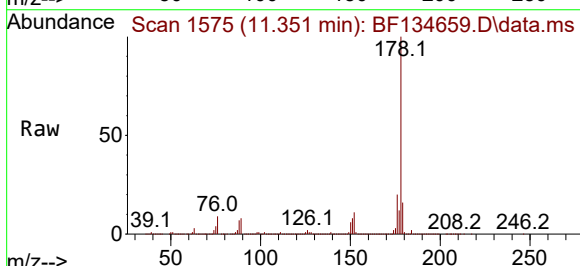
Instrument :
BNA_F
ClientSampleId :
DUP-01

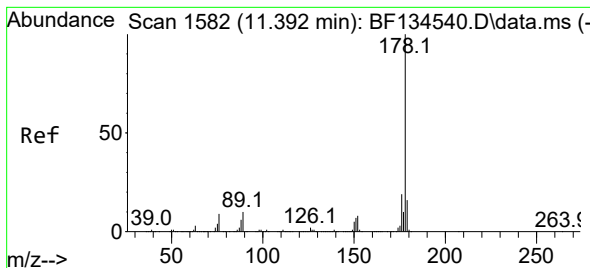
Tgt Ion:198 Resp: 87
Ion Ratio Lower Upper
198 100
51 969.9 38.6 78.6#
105 498.8 27.9 67.9#



#71
Phenanthrene
Concen: 91.573 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

Tgt Ion:178 Resp: 2247833
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 16.1 12.7 19.1





#72

Anthracene

Concen: 28.115 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

Instrument :

BNA_F

ClientSampleId :

DUP-01

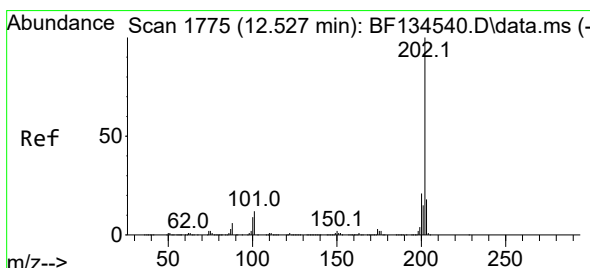
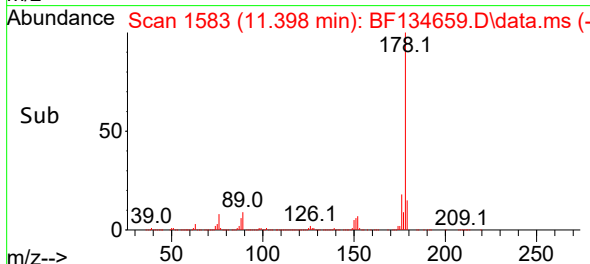
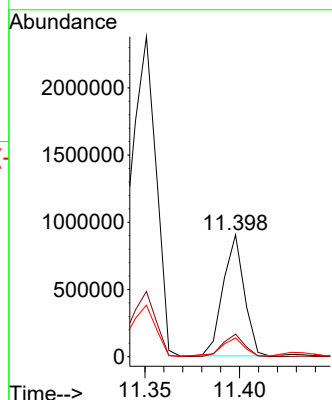
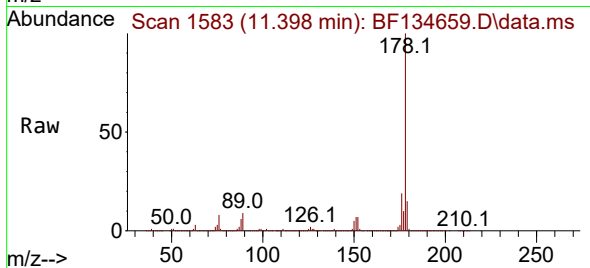
Tgt Ion:178 Resp: 704948

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 15.3 12.3 18.5



#75

Fluoranthene

Concen: 33.825 ng

RT: 12.539 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

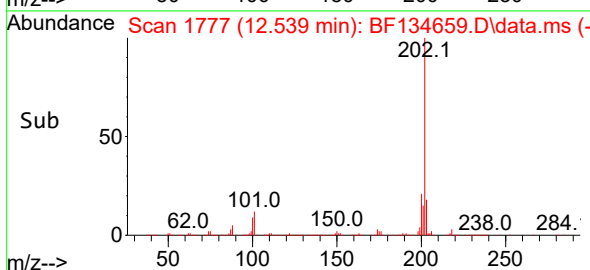
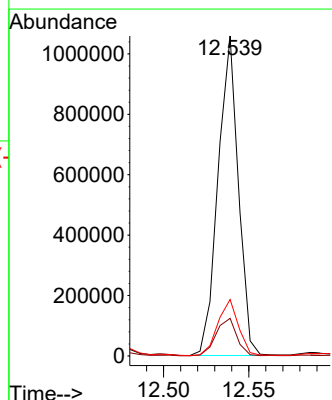
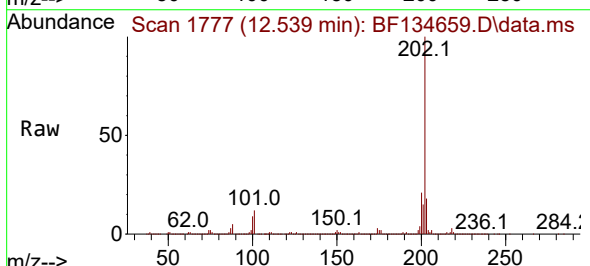
Tgt Ion:202 Resp: 877060

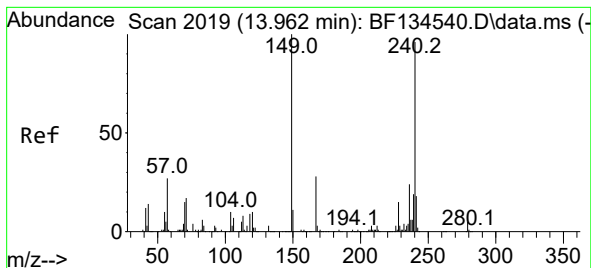
Ion Ratio Lower Upper

202 100

101 11.7 0.0 28.5

203 17.7 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

Instrument :

BNA_F

ClientSampleId :

DUP-01

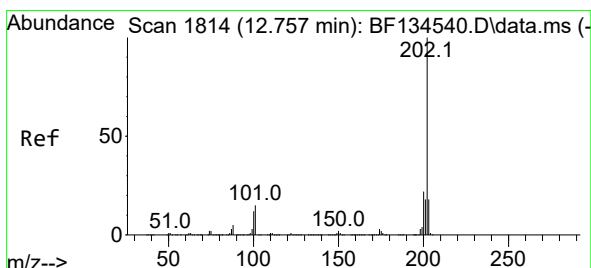
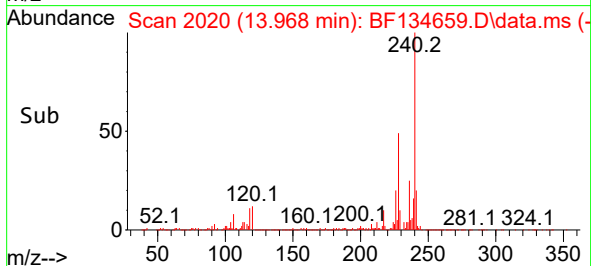
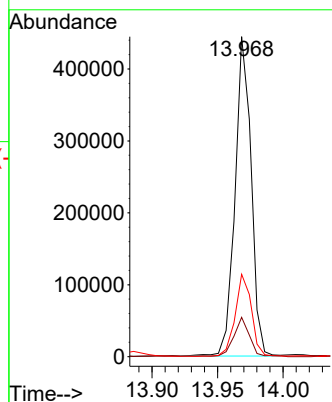
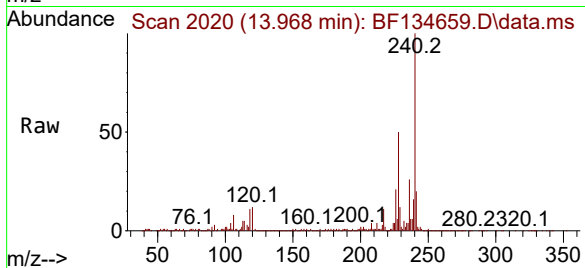
Tgt Ion:240 Resp: 380776

Ion Ratio Lower Upper

240 100

120 12.3 6.6 10.0#

236 25.8 20.2 30.2



#78

Pyrene

Concen: 45.365 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.000 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

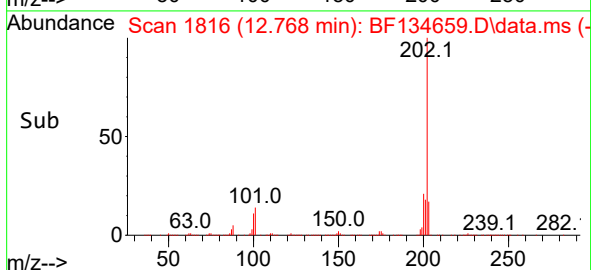
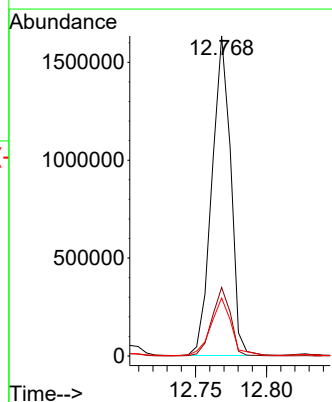
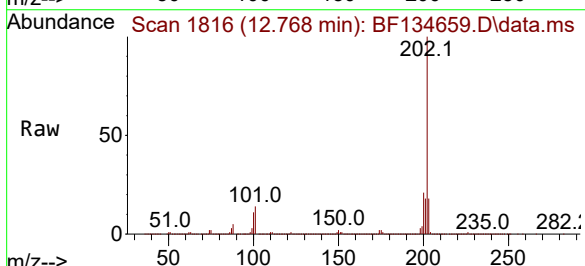
Tgt Ion:202 Resp: 1494743

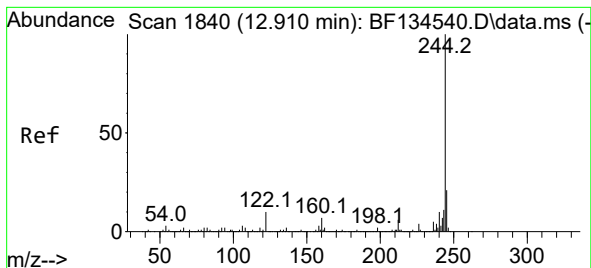
Ion Ratio Lower Upper

202 100

200 21.4 15.8 23.8

203 18.1 13.5 20.3





#79

Terphenyl-d14

Concen: 0.909 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

Instrument :

BNA_F

ClientSampleId :

DUP-01

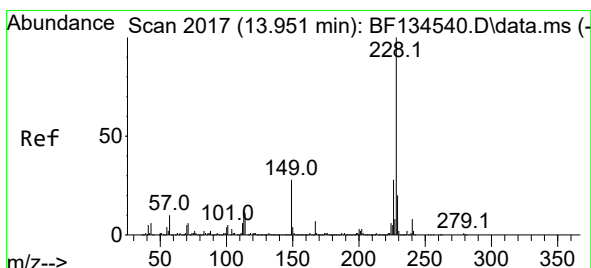
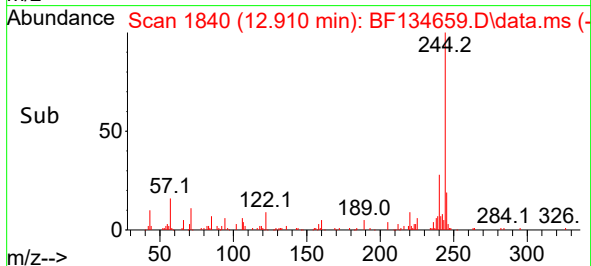
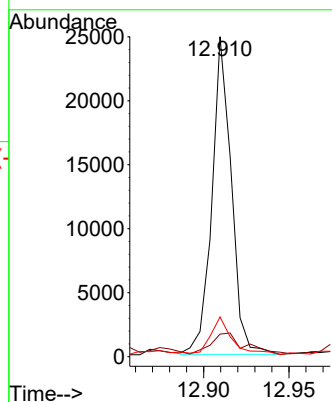
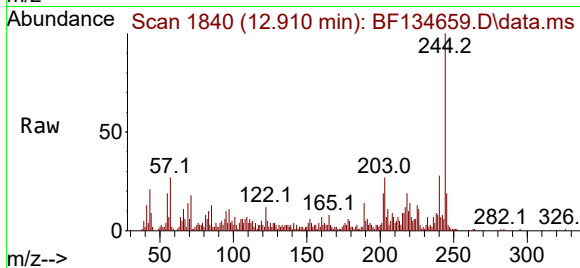
Tgt Ion:244 Resp: 19638

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 12.4 8.0 12.0#



#81

Benzo(a)anthracene

Concen: 21.845 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.035 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

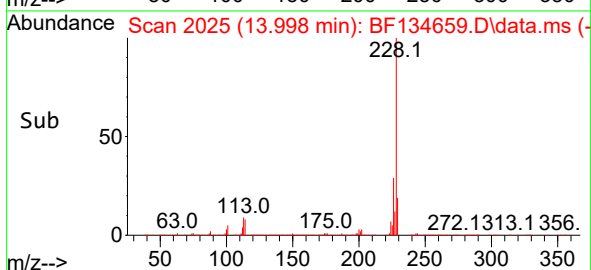
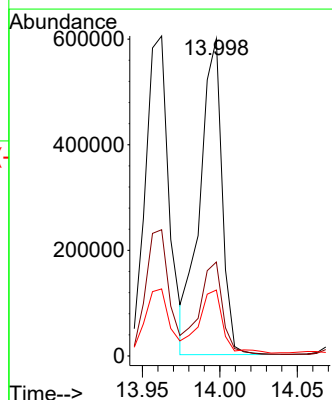
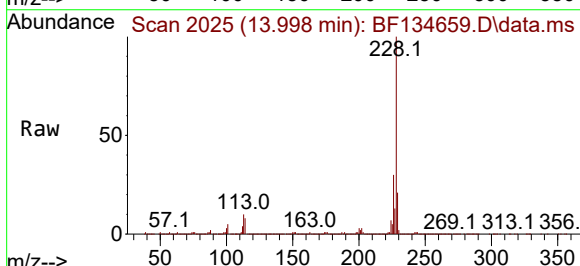
Tgt Ion:228 Resp: 594784

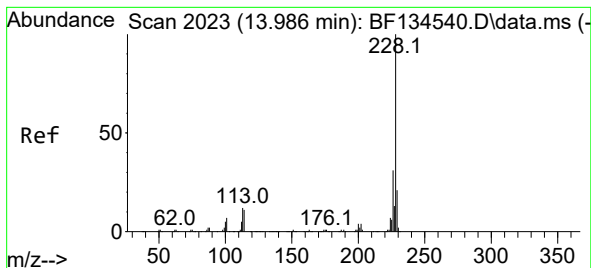
Ion Ratio Lower Upper

228 100

226 29.6 22.3 33.5

229 20.8 15.8 23.6





#83

Chrysene

Concen: 22.422 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

Instrument :

BNA_F

ClientSampleId :

DUP-01

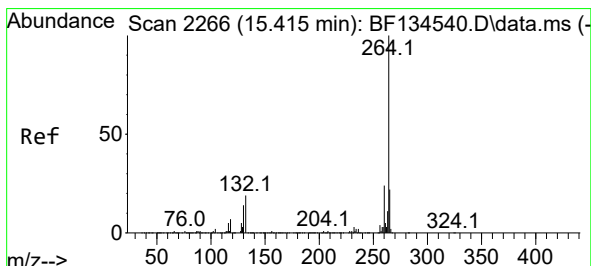
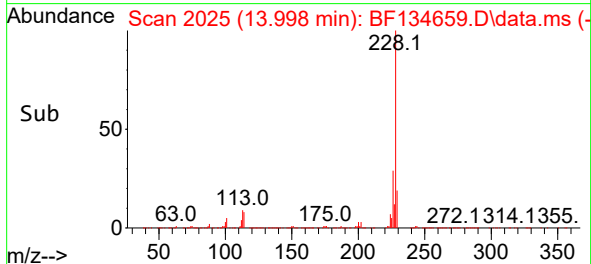
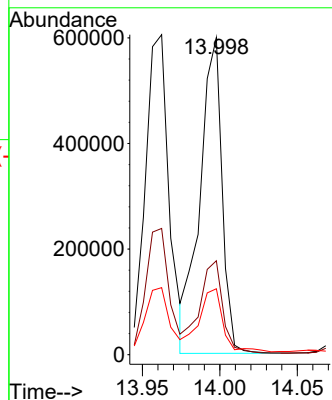
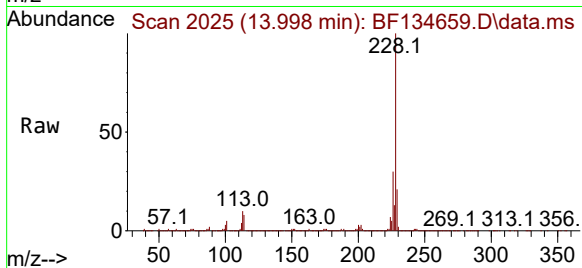
Tgt Ion:228 Resp: 594784

Ion Ratio Lower Upper

228 100

226 29.6 24.5 36.7

229 20.8 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.000 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

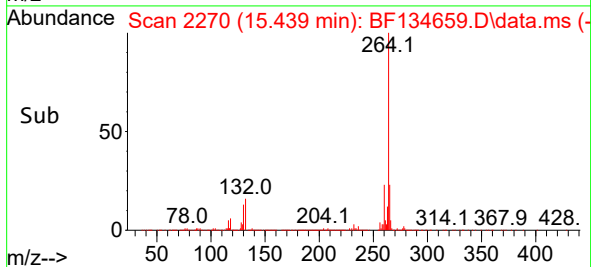
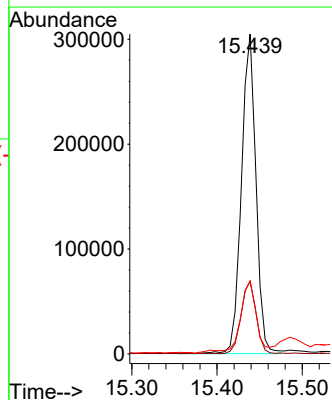
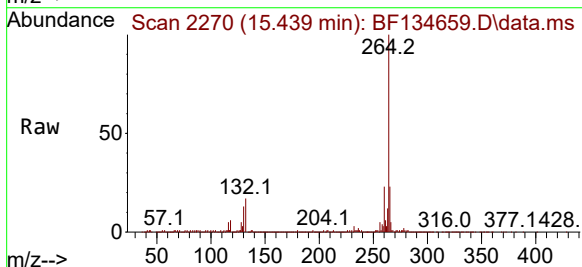
Tgt Ion:264 Resp: 361617

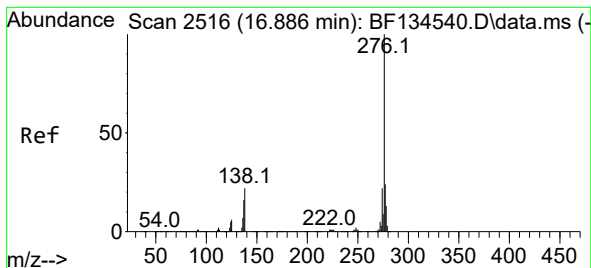
Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 22.8 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.165 ng

RT: 16.915 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

Instrument :

BNA_F

ClientSampleId :

DUP-01

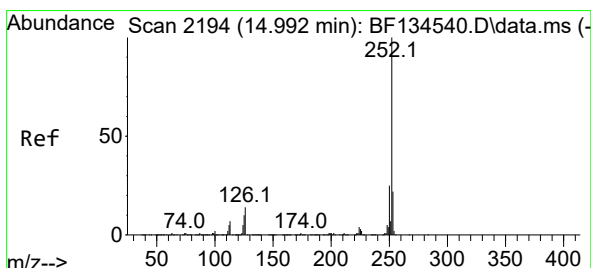
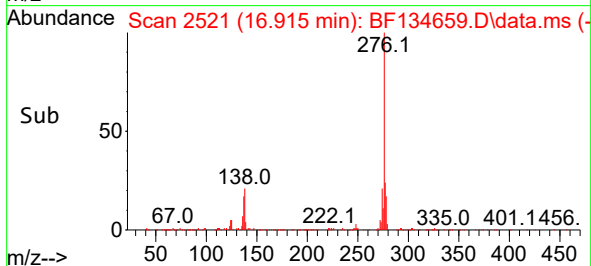
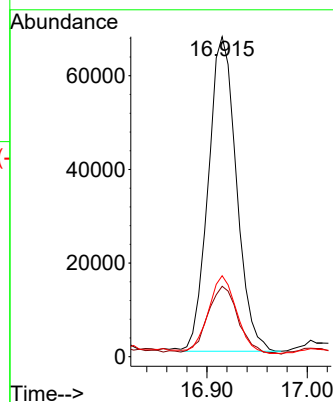
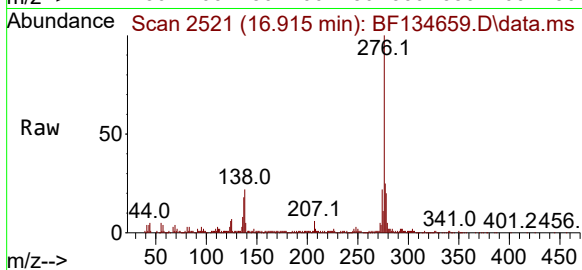
Tgt Ion:276 Resp: 131125

Ion Ratio Lower Upper

276 100

138 23.6 14.2 21.4#

277 24.8 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 23.442 ng

RT: 15.009 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

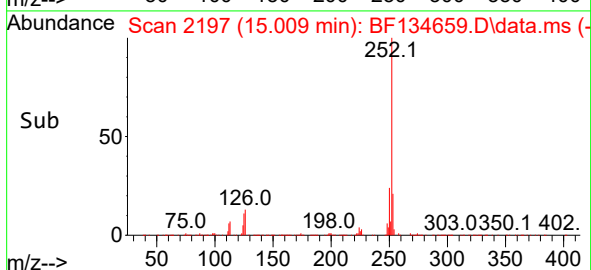
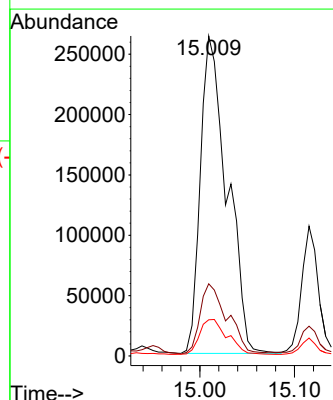
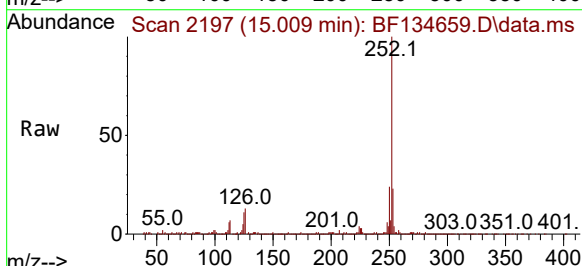
Tgt Ion:252 Resp: 517016

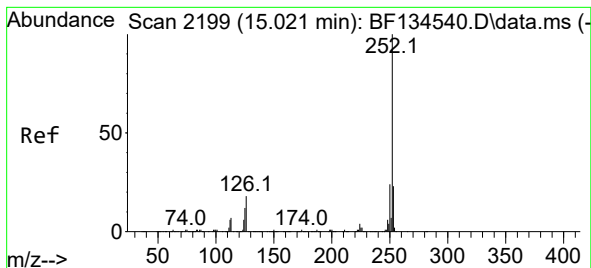
Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 11.3 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 23.533 ng

RT: 15.009 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

Instrument :

BNA_F

ClientSampleId :

DUP-01

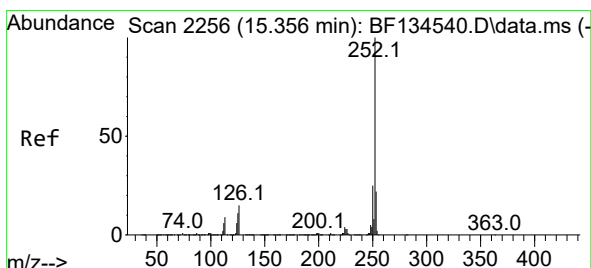
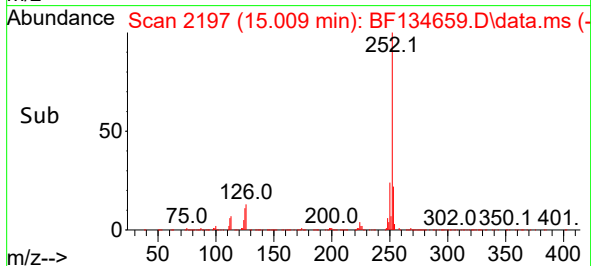
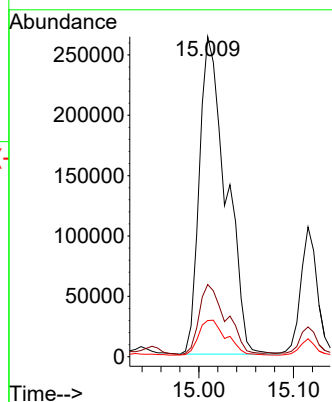
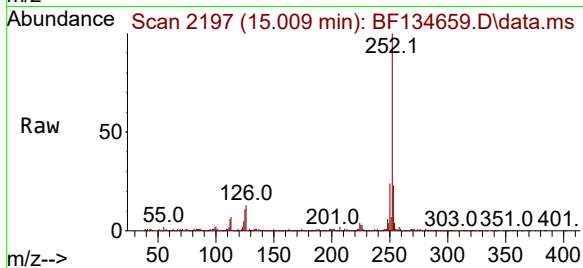
Tgt Ion:252 Resp: 517016

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 11.3 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 21.707 ng

RT: 15.374 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF134659.D

Acq: 07 Aug 2023 17:54

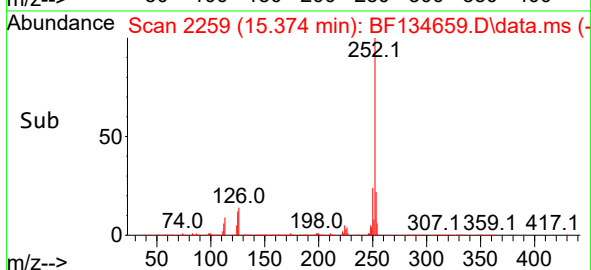
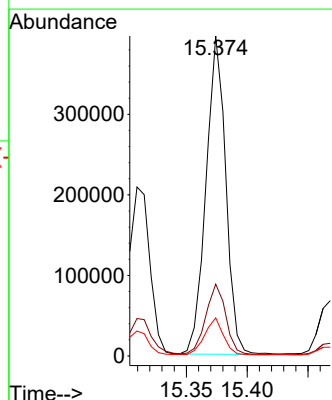
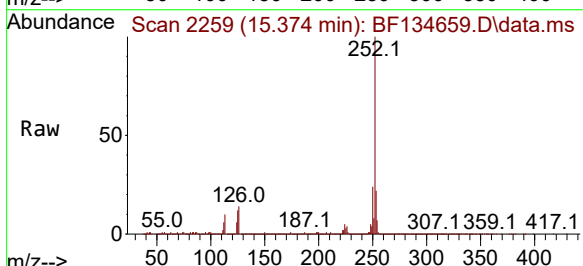
Tgt Ion:252 Resp: 446372

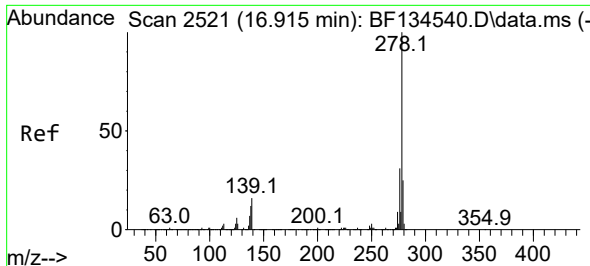
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 11.9 6.2 9.4#

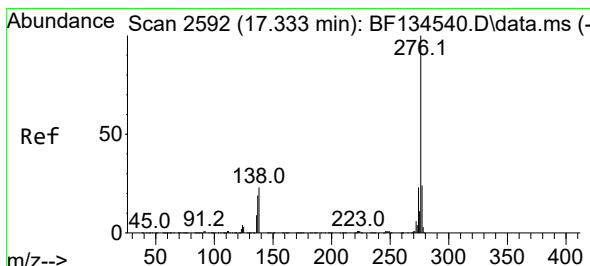
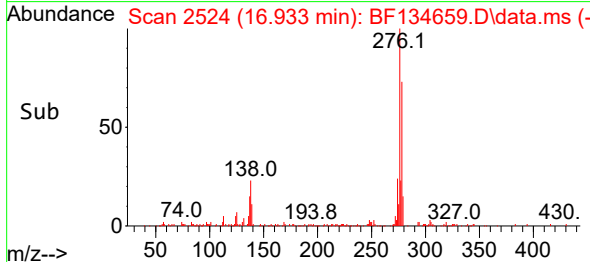
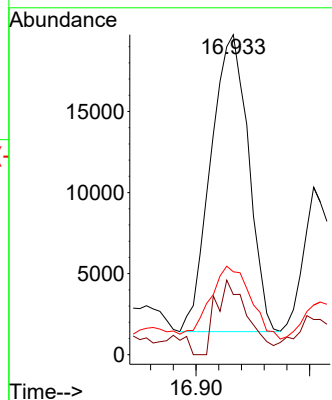
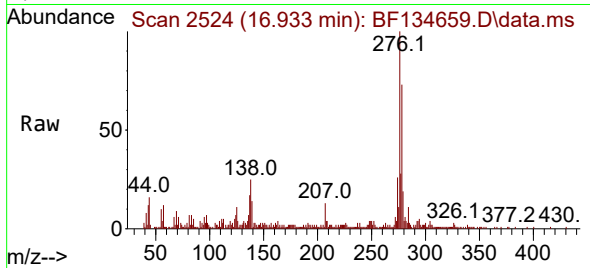




#91
Dibenzo(a,h)anthracene
Concen: 2.460 ng
RT: 16.933 min Scan# 2521
Delta R.T. -0.018 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:278 Resp: 42287
Ion Ratio Lower Upper
278 100
139 18.8 10.0 15.0#
279 25.9 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 8.131 ng
RT: 17.362 min Scan# 2597
Delta R.T. -0.012 min
Lab File: BF134659.D
Acq: 07 Aug 2023 17:54

Tgt Ion:276 Resp: 142550
Ion Ratio Lower Upper
276 100
277 25.4 19.0 28.6
138 22.8 12.2 18.2#

