

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
 Data File : BF135964.D
 Acq On : 26 Oct 2023 15:33
 Operator : CG\JU
 Sample : 05039-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMFB-1

Quant Time: Oct 26 15:57:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

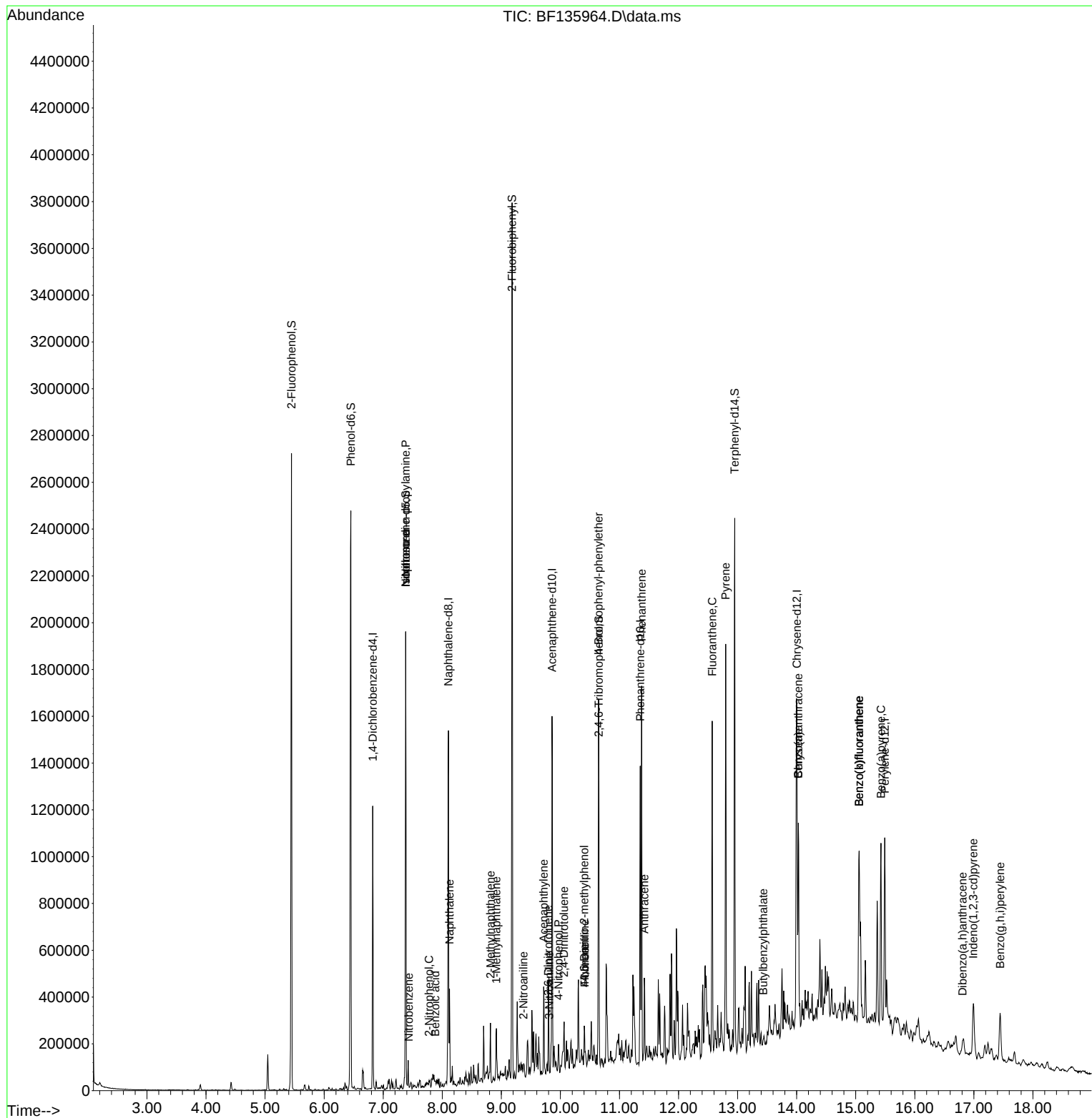
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	158735	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	612013	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	292958	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	438731	20.000	ng	0.00
76) Chrysene-d12	14.004	240	310434	20.000	ng	0.00
86) Perylene-d12	15.492	264	356350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	728008	70.820	ng	0.00
7) Phenol-d6	6.451	99	929590	72.637	ng	0.00
23) Nitrobenzene-d5	7.381	82	537025	59.927	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	167105	65.167	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1018046	55.644	ng	0.00
79) Terphenyl-d14	12.951	244	772468	41.575	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	72503	9.963	ng	# 77
24) Nitrobenzene	7.434	77	440	2.623	ng	# 36
25) Isophorone	7.381	82	535413	27.677	ng	# 64
26) 2-Nitrophenol	7.775	139	55	3.106	ng	# 1
31) Naphthalene	8.122	128	142189	4.805	ng	99
32) Benzoic acid	7.881	122	390	5.860	ng	# 26
37) 2-Methylnaphthalene	8.816	142	57575	2.941	ng	98
38) 1-Methylnaphthalene	8.916	142	53098	2.903	ng	99
48) 2-Nitroaniline	9.375	65	429	4.311	ng	# 27
49) Acenaphthylene	9.716	152	120072	4.635	ng	# 97
51) 2,6-Dinitrotoluene	9.792	165	1359	5.172	ng	# 74
53) 3-Nitroaniline	9.810	138	345	4.628	ng	# 53
56) 4-Nitrophenol	9.969	139	1910	6.644	ng	# 64
57) 2,4-Dinitrotoluene	10.063	165	1590	6.115	ng	# 30
58) Fluorene	10.410	166	44485	2.479	ng	# 98
62) 4-Nitroaniline	10.410	138	987	4.840	ng	81
65) 4,6-Dinitro-2-methylph...	10.404	198	55	6.964	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	10540	2.346	ng	# 1
71) Phenanthrene	11.375	178	530697	23.909	ng	100
72) Anthracene	11.422	178	131198	5.773	ng	100
75) Fluoranthene	12.569	202	509433	21.816	ng	98
78) Pyrene	12.798	202	672444	25.798	ng	100
80) Butylbenzylphthalate	13.433	149	2010	4.015	ng	# 69
81) Benzo(a)anthracene	14.027	228	360824	17.094	ng	95
83) Chrysene	14.027	228	360824	17.551	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	168980	8.363	ng	95
88) Benzo(b)fluoranthene	15.057	252	597042	28.153	ng	99
89) Benzo(k)fluoranthene	15.057	252	597042	28.665	ng	98
90) Benzo(a)pyrene	15.427	252	371339	18.999	ng	99
91) Dibenzo(a,h)anthracene	16.810	278	37574	2.174	ng	93
92) Benzo(g,h,i)perylene	17.445	276	165925	11.540	ng	99

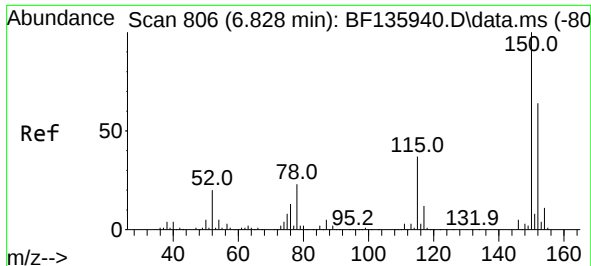
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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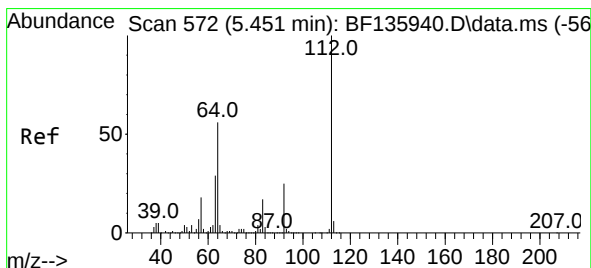
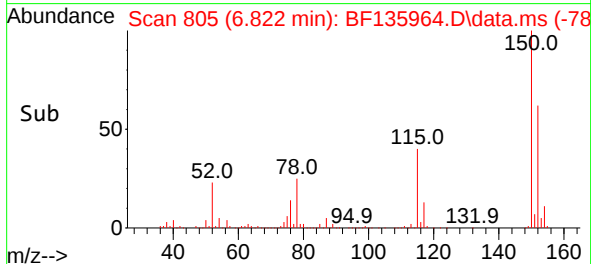
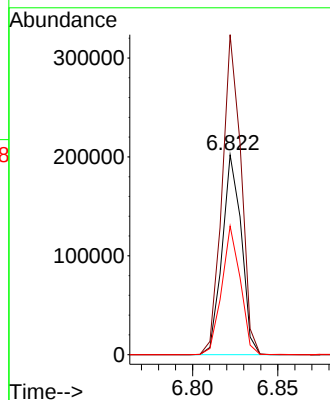
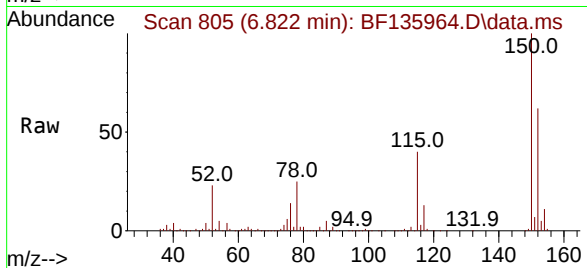




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

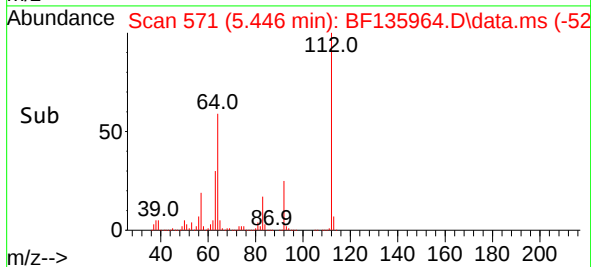
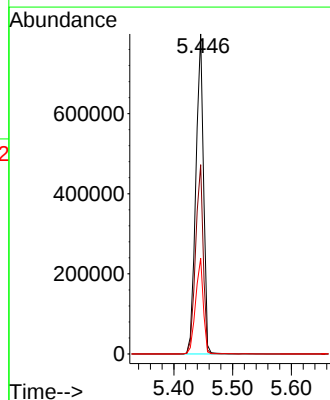
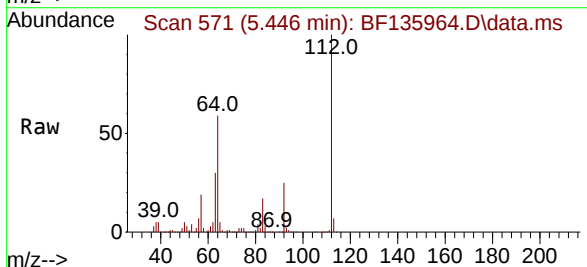
Instrument :
BNA_F
ClientSampleId :
MMFB-1

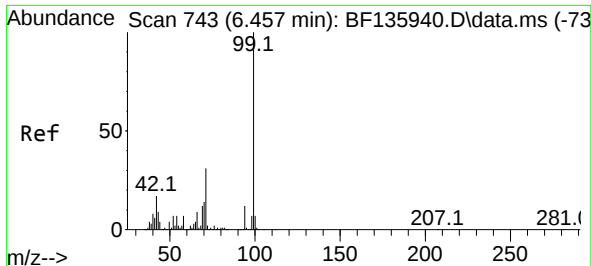
Tgt Ion:152 Resp: 158735
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 64.4 46.6 69.8



#5
2-Fluorophenol
Concen: 70.820 ng
RT: 5.446 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

Tgt Ion:112 Resp: 728008
Ion Ratio Lower Upper
112 100
64 59.1 45.1 67.7
63 29.9 23.0 34.4

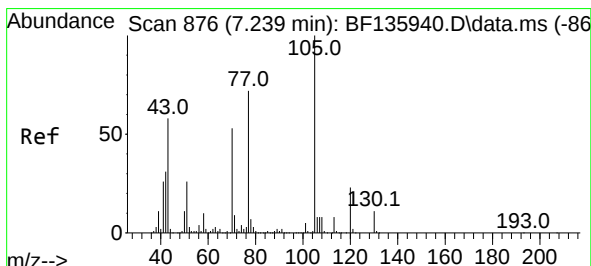
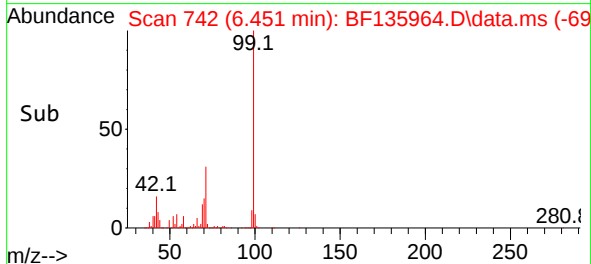
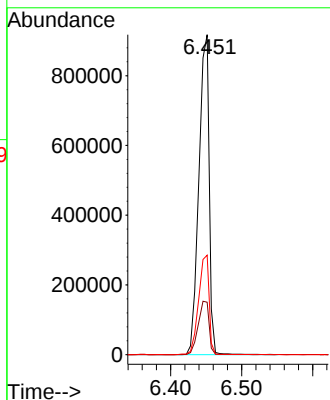
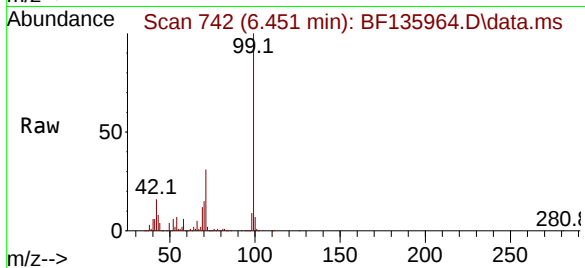




#7
Phenol-d6
Concen: 72.637 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

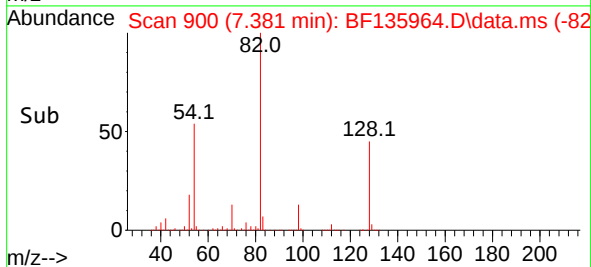
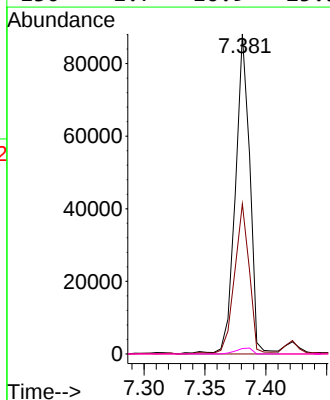
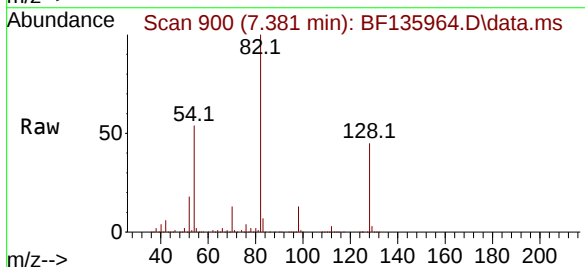
Instrument :
BNA_F
ClientSampleId :
MMFB-1

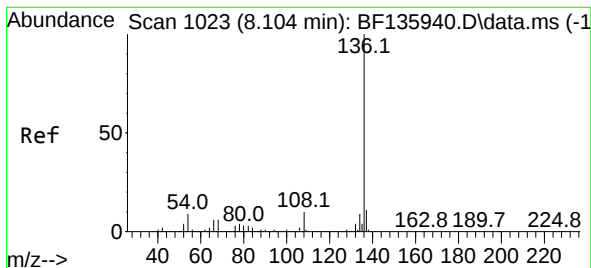
Tgt Ion: 99 Resp: 929590
Ion Ratio Lower Upper
99 100
42 16.4 13.8 20.8
71 31.1 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.963 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

Tgt Ion: 70 Resp: 72503
Ion Ratio Lower Upper
70 100
42 46.9 47.3 70.9#
101 0.0 7.8 11.8#
130 1.7 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

MMFB-1

Tgt Ion:136 Resp: 612013

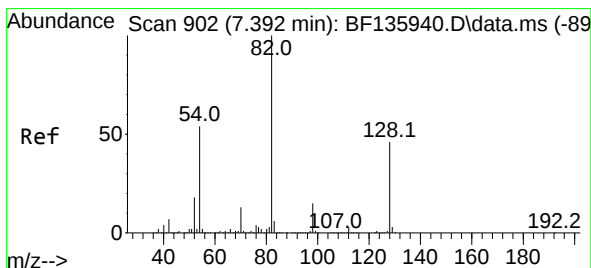
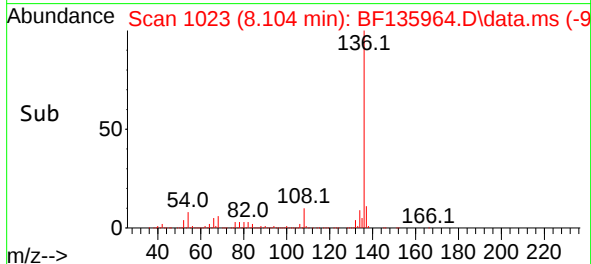
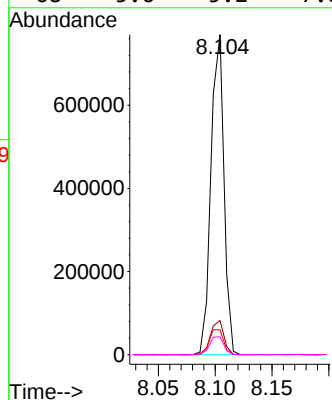
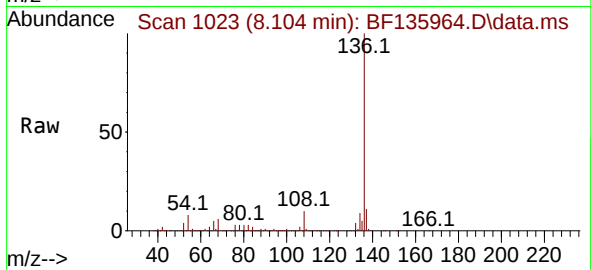
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 7.7 7.1 10.7

68 5.6 5.2 7.8



#23

Nitrobenzene-d5

Concen: 59.927 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.011 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

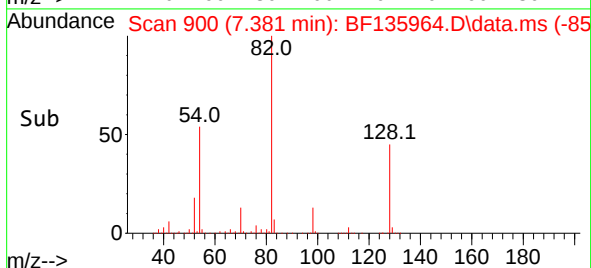
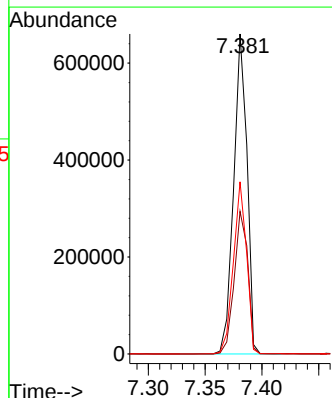
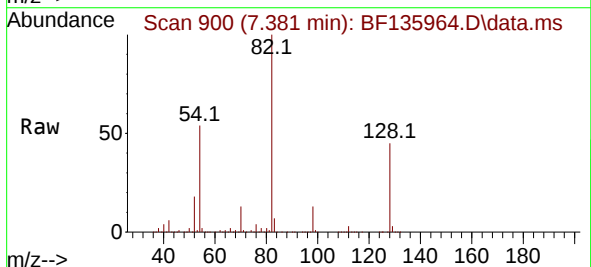
Tgt Ion: 82 Resp: 537025

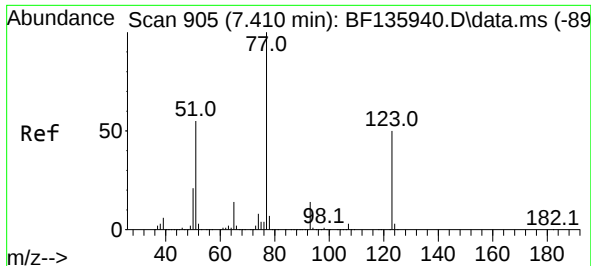
Ion Ratio Lower Upper

82 100

128 44.6 36.8 55.2

54 53.8 43.4 65.0





#24

Nitrobenzene

Concen: 2.623 ng

RT: 7.434 min Scan# 90

Delta R.T. 0.024 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

MMFB-1

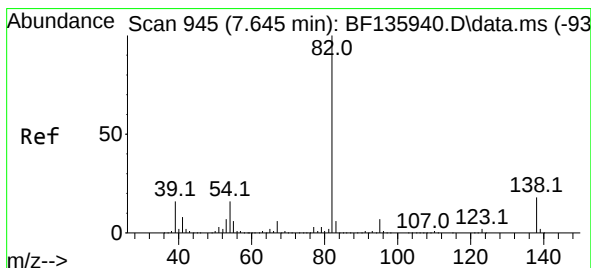
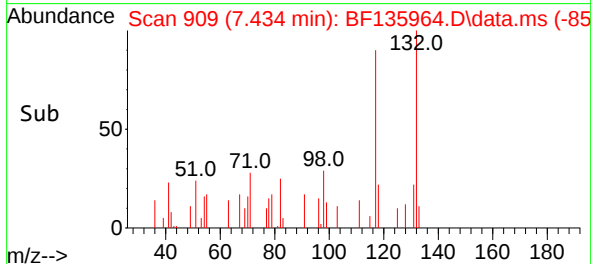
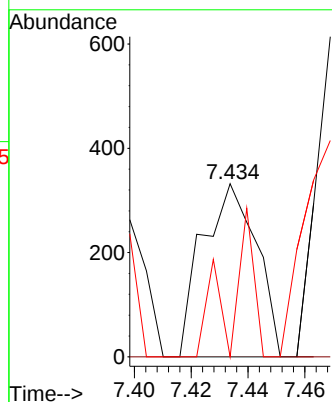
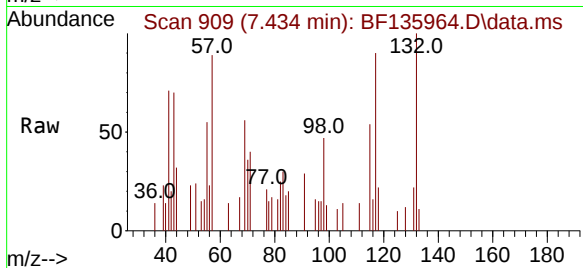
Tgt Ion: 77 Resp: 440

Ion Ratio Lower Upper

77 100

123 0.0 40.2 60.2#

65 0.0 11.0 16.4#



#25

Isophorone

Concen: 27.677 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.265 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

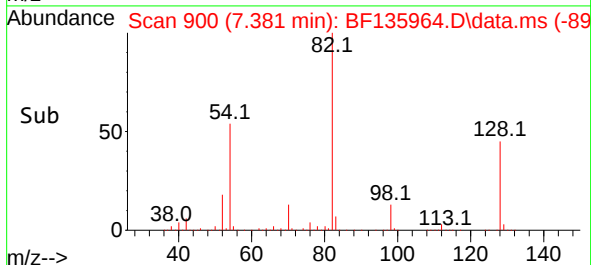
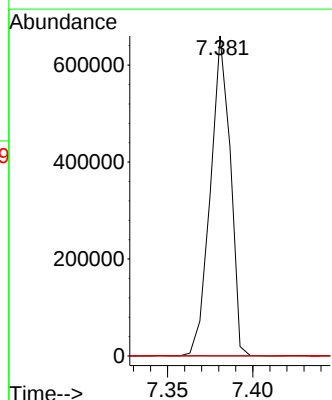
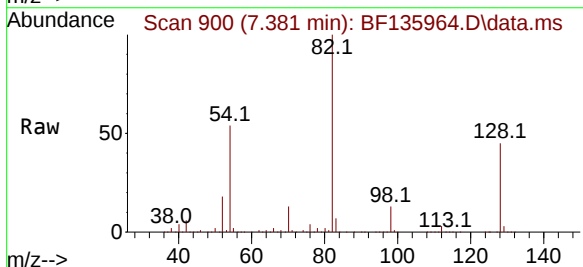
Tgt Ion: 82 Resp: 535413

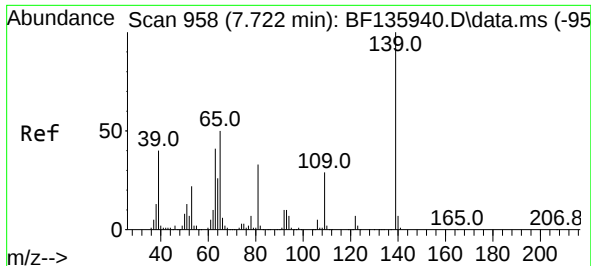
Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

138 0.0 14.8 22.2#

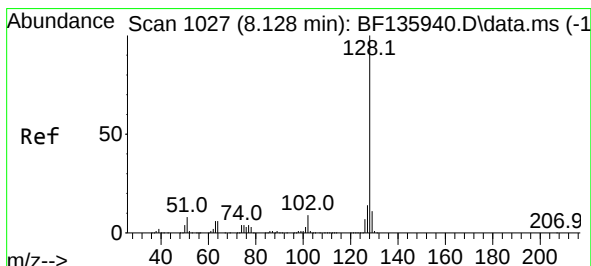
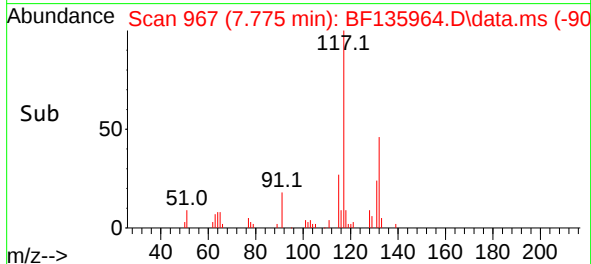
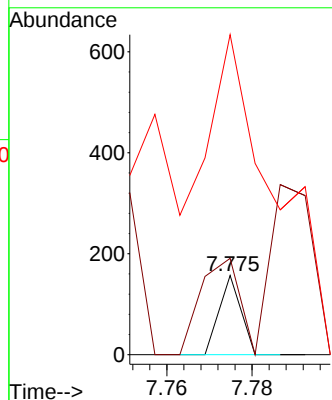
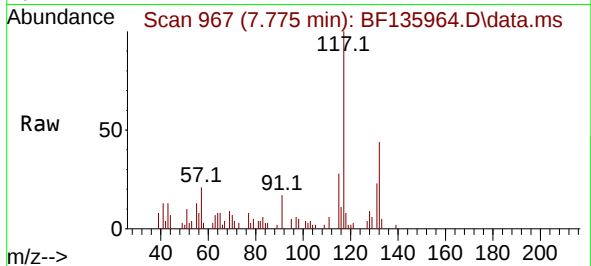




#26
2-Nitrophenol
Concen: 3.106 ng
RT: 7.775 min Scan# 90
Delta R.T. 0.053 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

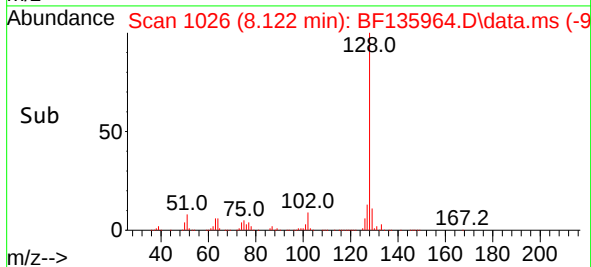
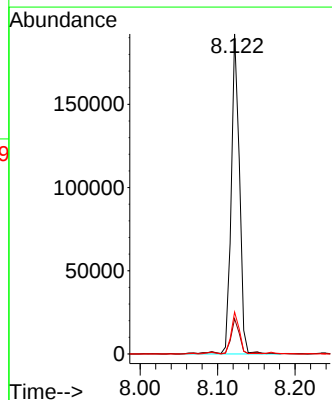
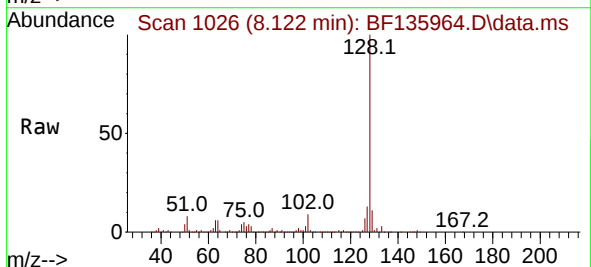
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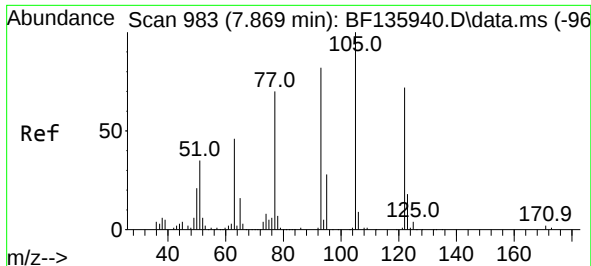
Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 121.7 23.1 34.7#
65 403.8 39.8 59.8#



#31
Naphthalene
Concen: 4.805 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

Tgt Ion:128 Resp: 142189
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.1 10.9 16.3

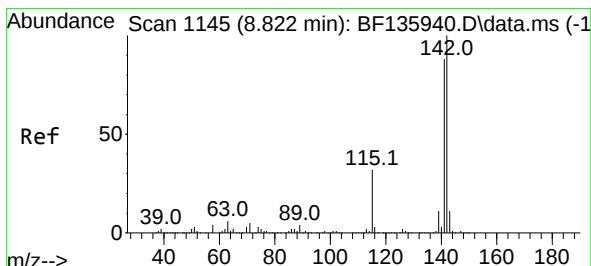
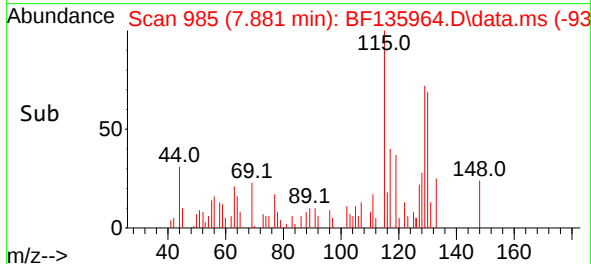
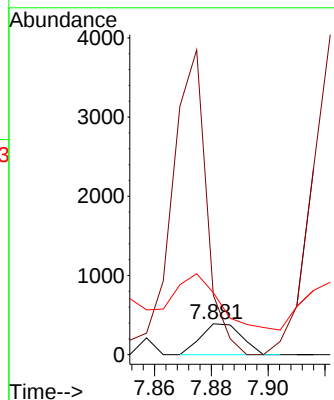
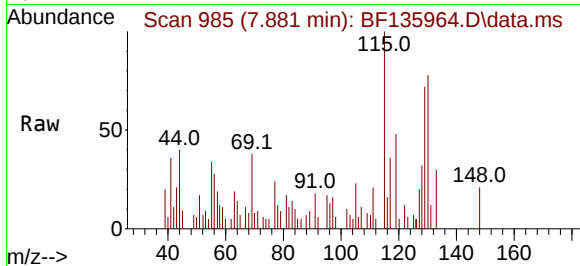




#32
Benzoic acid
Concen: 5.860 ng
RT: 7.881 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

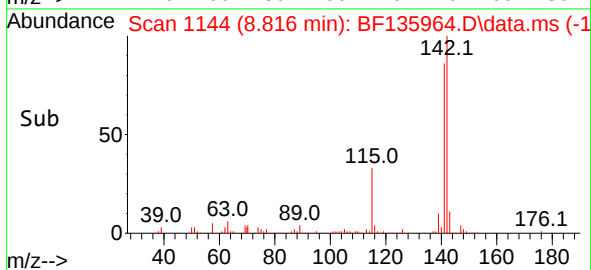
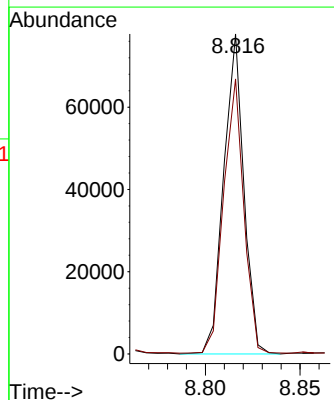
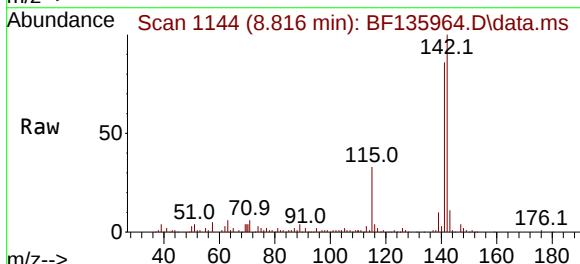
Instrument :
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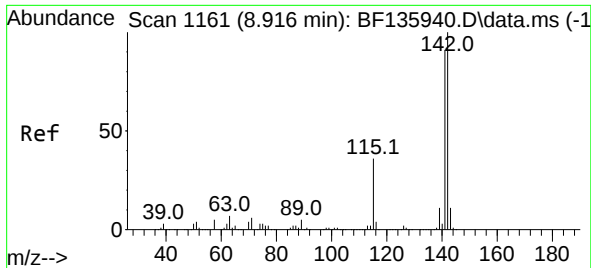
Tgt Ion:122 Resp: 390
Ion Ratio Lower Upper
122 100
105 192.1 113.1 153.1#
77 200.3 75.2 115.2#



#37
2-Methylnaphthalene
Concen: 2.941 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

Tgt Ion:142 Resp: 57575
Ion Ratio Lower Upper
142 100
141 86.0 70.4 105.6

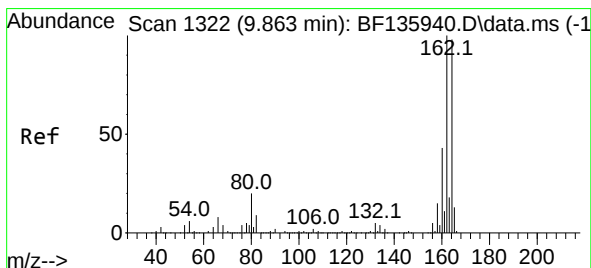
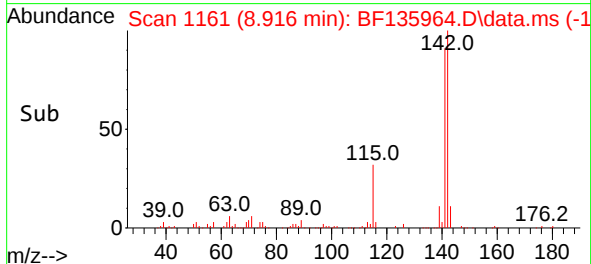
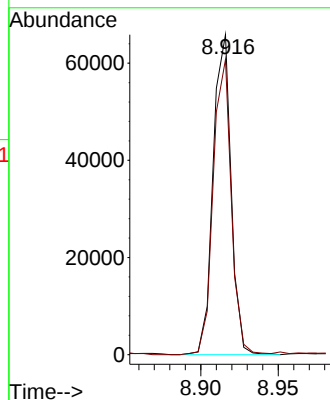
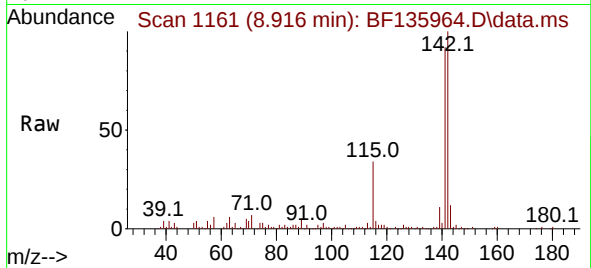




#38
1-Methylnaphthalene
Concen: 2.903 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

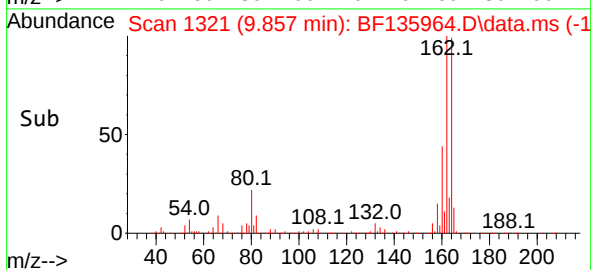
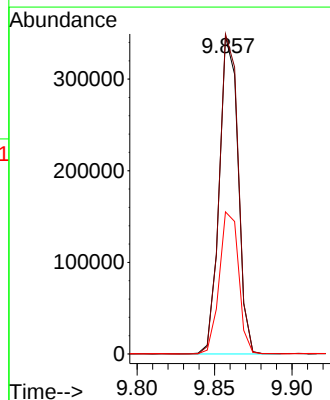
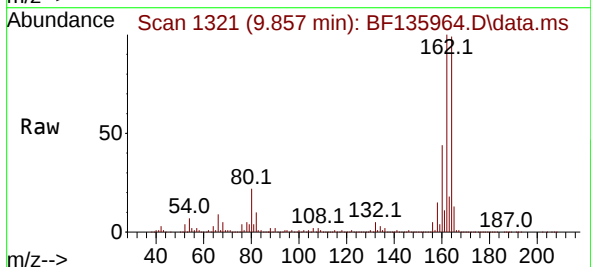
Instrument :
BNA_F
ClientSampleId :
MMFB-1

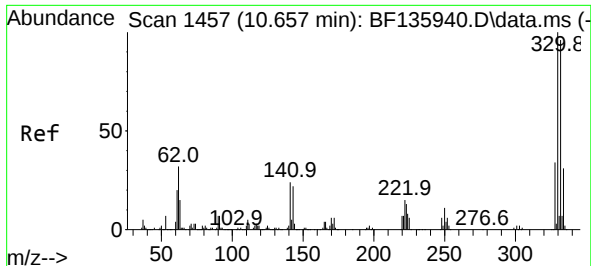
Tgt Ion:142 Resp: 53098
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

Tgt Ion:164 Resp: 292958
Ion Ratio Lower Upper
164 100
162 100.8 82.0 123.0
160 44.7 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 65.167 ng

RT: 10.651 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

MMFB-1

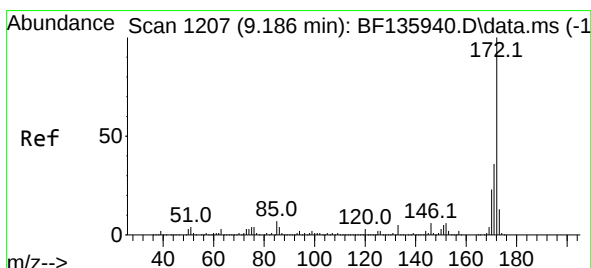
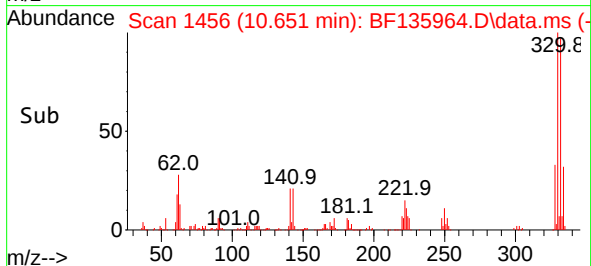
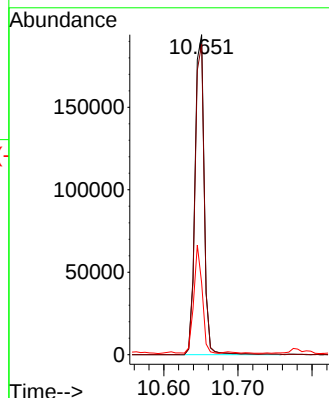
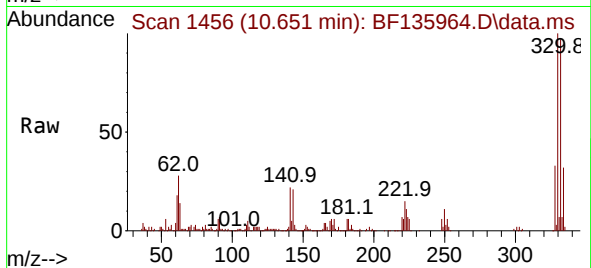
Tgt Ion:330 Resp: 167105

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

141 30.9 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 55.644 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

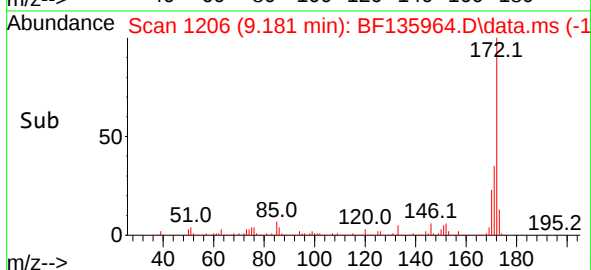
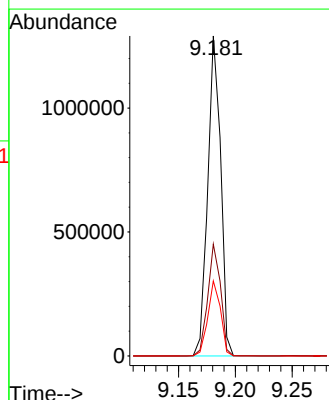
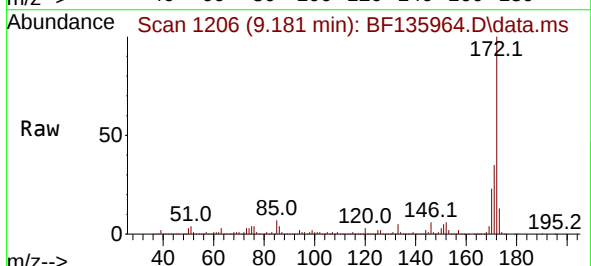
Tgt Ion:172 Resp: 1018046

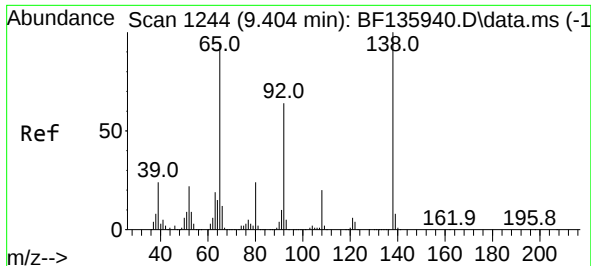
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.4 18.6 28.0





#48

2-Nitroaniline

Concen: 4.311 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.029 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

MMFB-1

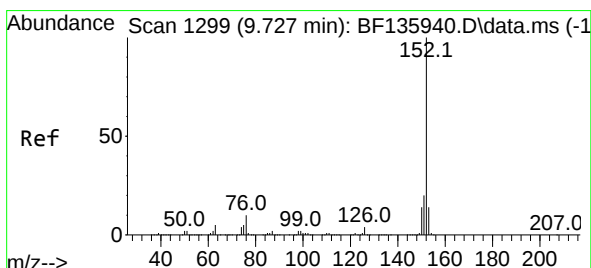
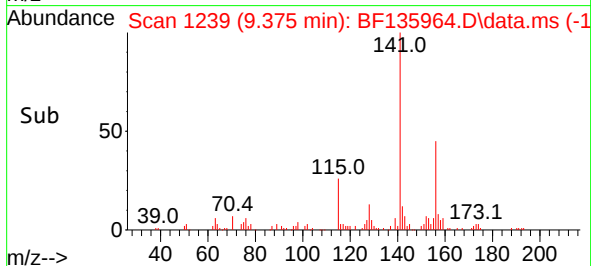
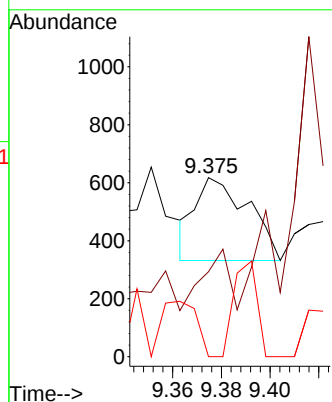
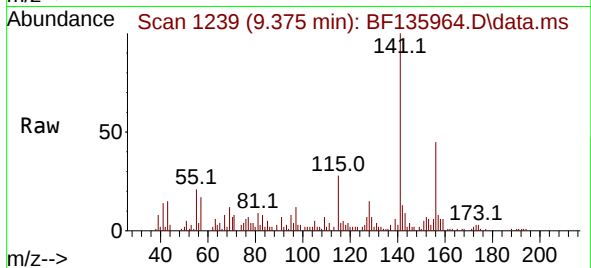
Tgt Ion: 65 Resp: 429

Ion Ratio Lower Upper

65 100

92 47.4 54.9 82.3#

138 0.0 85.2 127.8#



#49

Acenaphthylene

Concen: 4.635 ng

RT: 9.716 min Scan# 1297

Delta R.T. -0.012 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

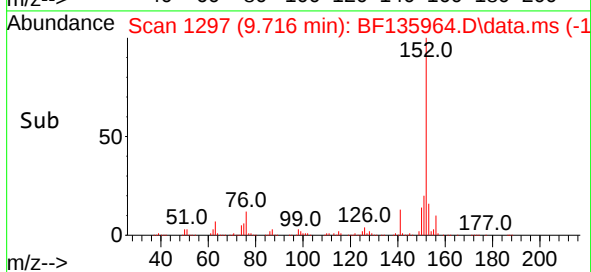
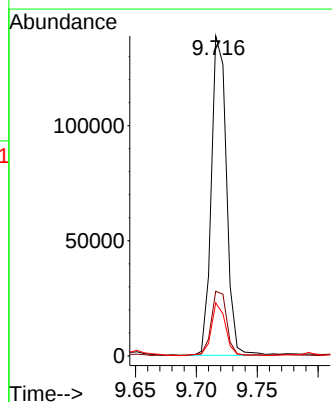
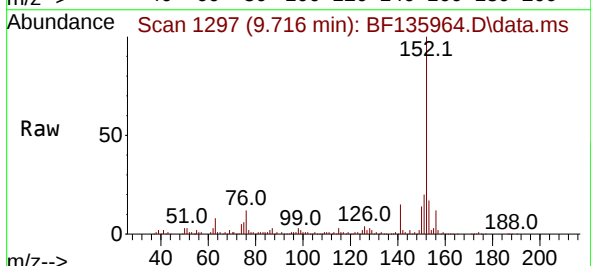
Tgt Ion: 152 Resp: 120072

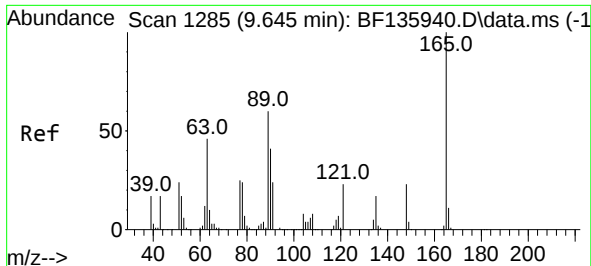
Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 16.6 11.0 16.6#





#51

2,6-Dinitrotoluene

Concen: 5.172 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.147 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

MMFB-1

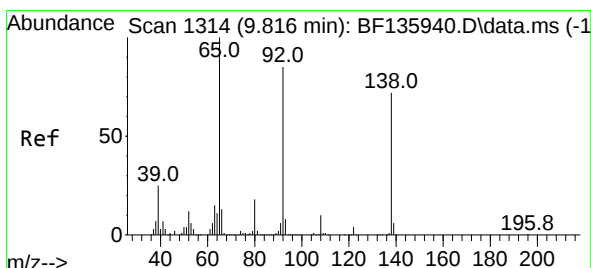
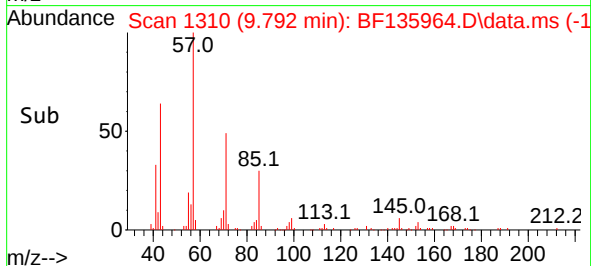
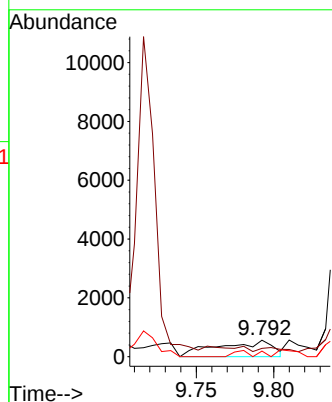
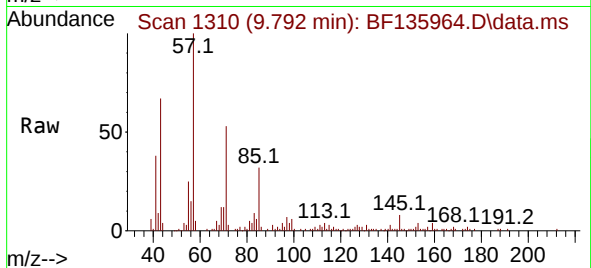
Tgt Ion:165 Resp: 1359

Ion Ratio Lower Upper

165 100

63 50.9 51.7 77.5#

89 34.2 48.3 72.5#



#53

3-Nitroaniline

Concen: 4.628 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

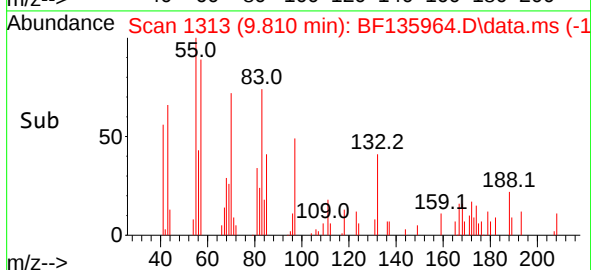
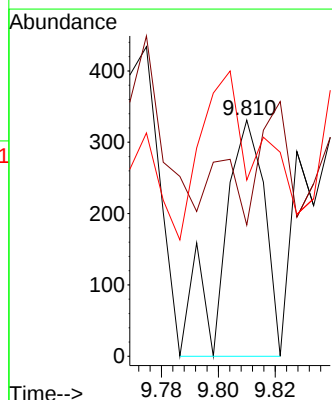
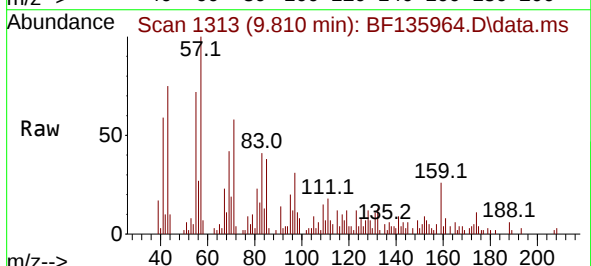
Tgt Ion:138 Resp: 345

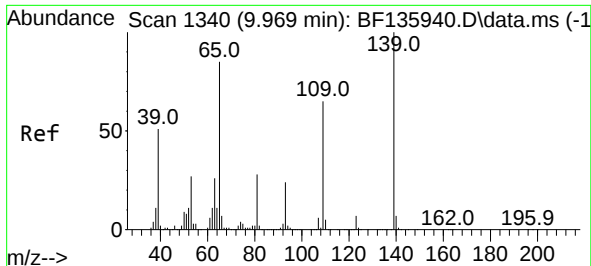
Ion Ratio Lower Upper

138 100

108 55.6 11.3 16.9#

92 74.6 95.0 142.6#

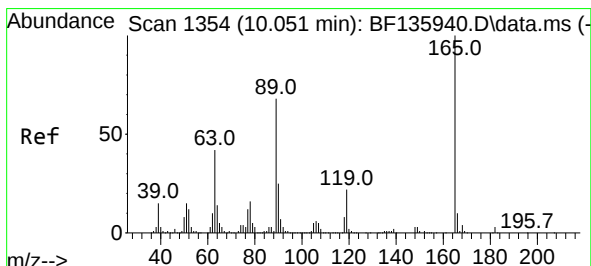
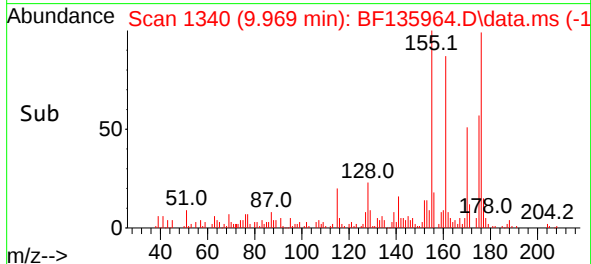
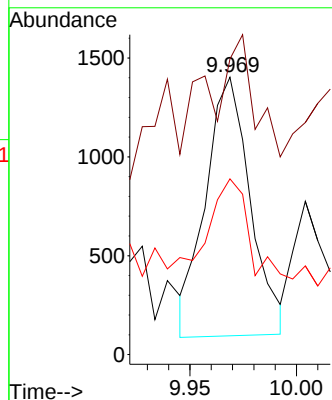
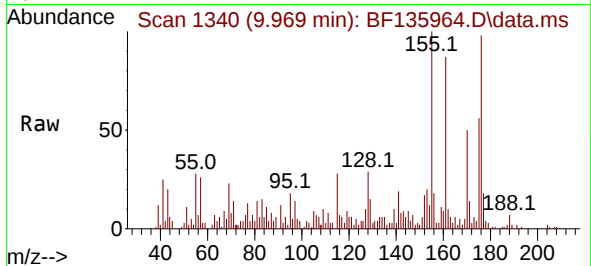




#56
4-Nitrophenol
Concen: 6.644 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

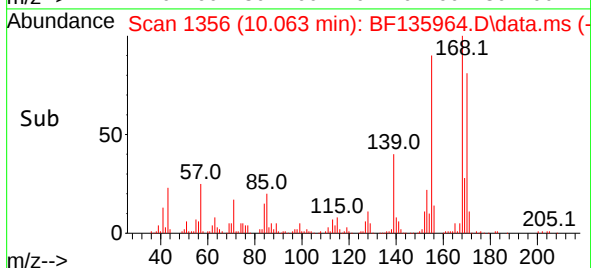
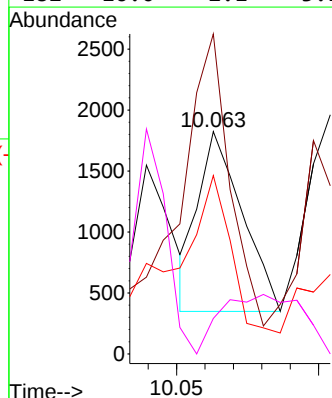
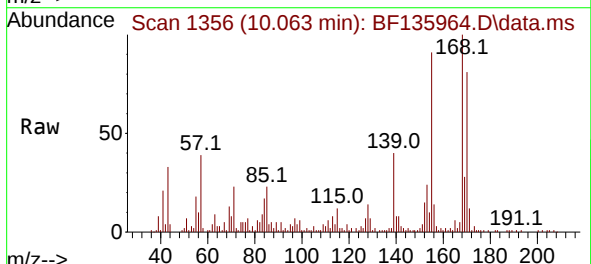
Instrument :
BNA_F
ClientSampleId :
MMFB-1

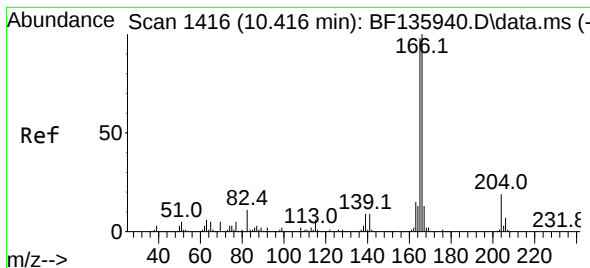
Tgt Ion:139 Resp: 1910
Ion Ratio Lower Upper
139 100
109 106.6 45.2 85.2#
65 63.4 65.1 105.1#



#57
2,4-Dinitrotoluene
Concen: 6.115 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

Tgt Ion:165 Resp: 1590
Ion Ratio Lower Upper
165 100
63 143.9 33.7 50.5#
89 80.2 54.6 81.8
182 16.0 2.1 3.1#





#58

Fluorene

Concen: 2.479 ng

RT: 10.410 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

MMFB-1

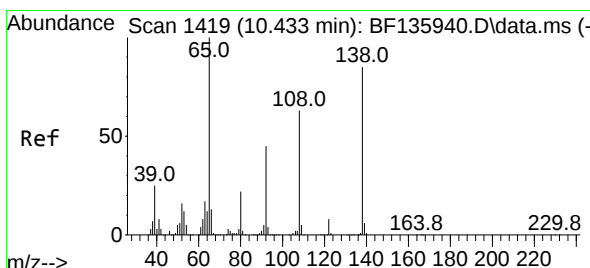
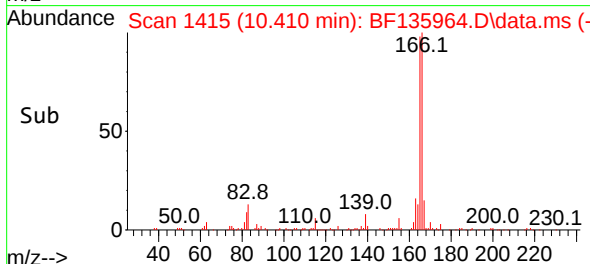
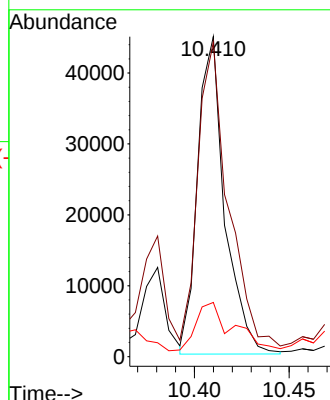
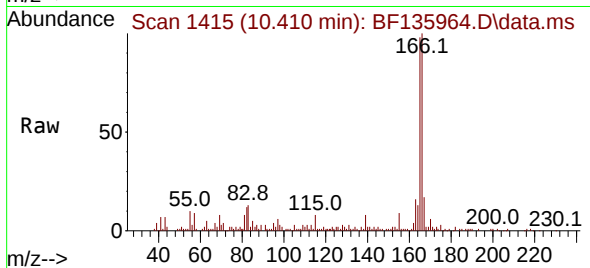
Tgt Ion:166 Resp: 44485

Ion Ratio Lower Upper

166 100

165 98.3 78.0 117.0

167 17.0 10.6 16.0#



#62

4-Nitroaniline

Concen: 4.840 ng

RT: 10.410 min Scan# 1415

Delta R.T. -0.023 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

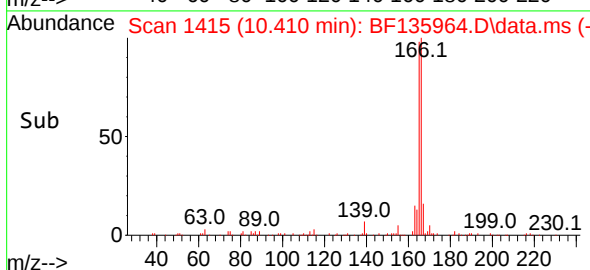
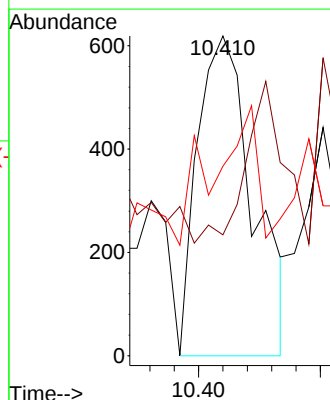
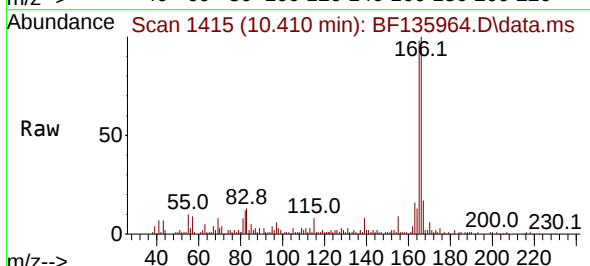
Tgt Ion:138 Resp: 987

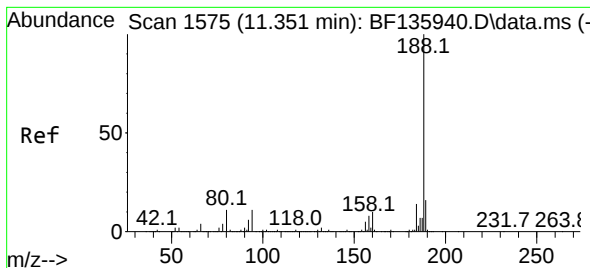
Ion Ratio Lower Upper

138 100

92 37.8 32.9 72.9

108 59.3 53.5 93.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

MMFB-1

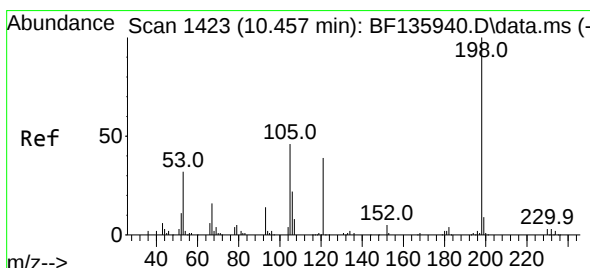
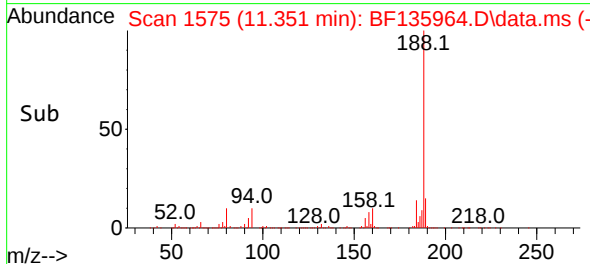
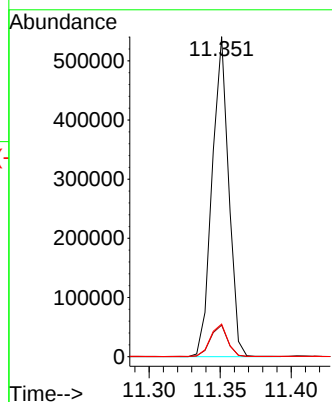
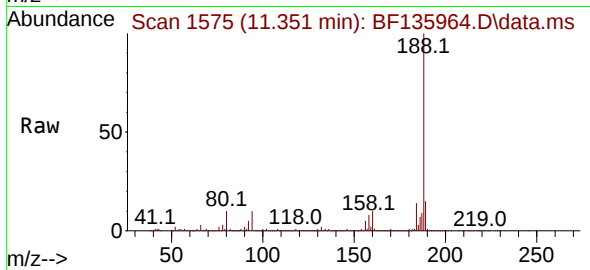
Tgt Ion:188 Resp: 438731

Ion Ratio Lower Upper

188 100

94 9.8 8.6 13.0

80 10.2 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 6.964 ng

RT: 10.404 min Scan# 1414

Delta R.T. -0.053 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

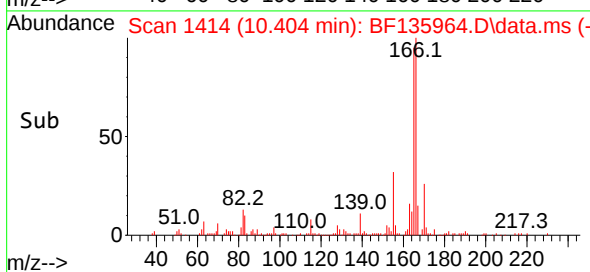
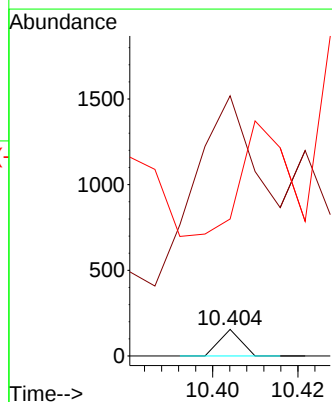
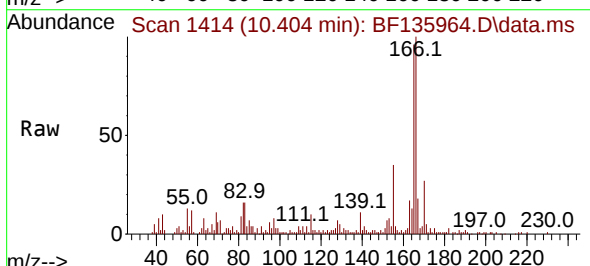
Tgt Ion:198 Resp: 55

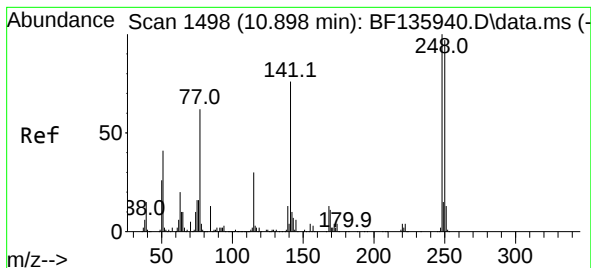
Ion Ratio Lower Upper

198 100

51 980.0 28.7 68.7#

105 516.1 27.2 67.2#

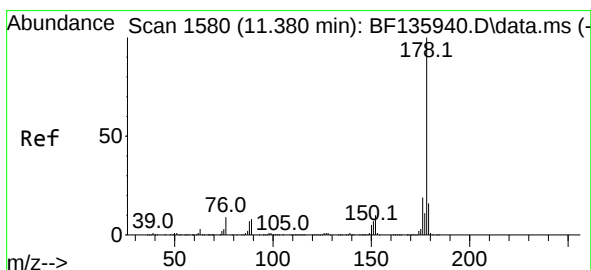
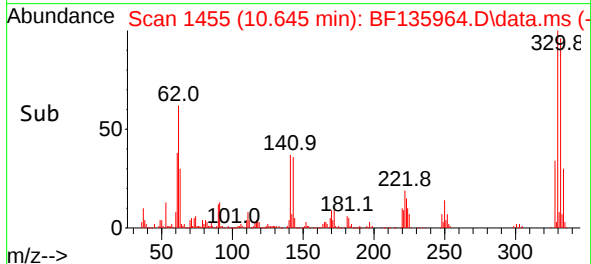
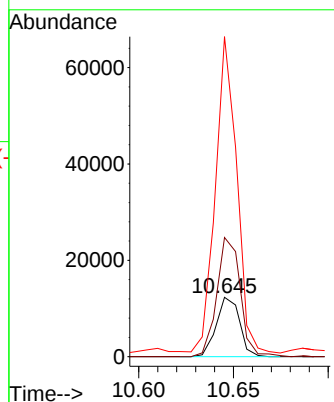
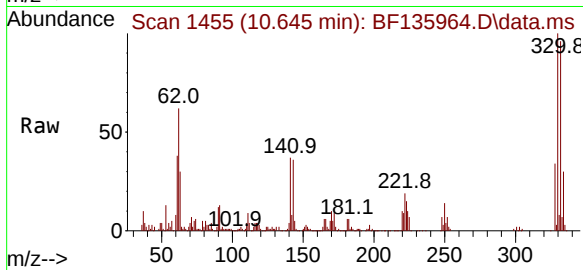




#67
4-Bromophenyl-phenylether
Concen: 2.346 ng
RT: 10.645 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

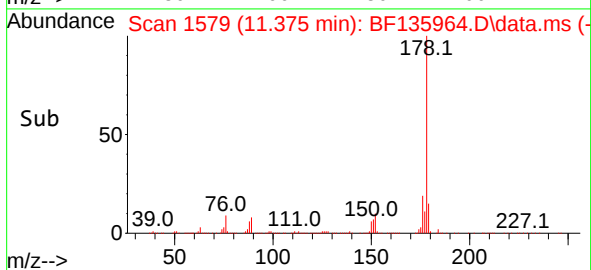
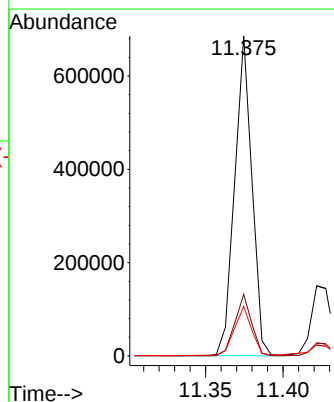
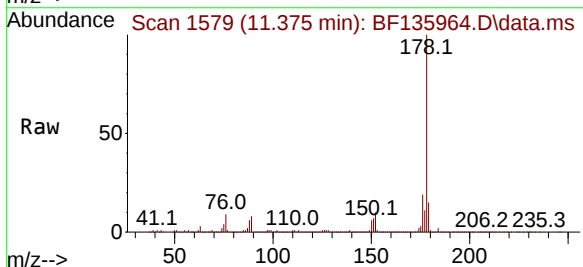
Instrument :
BNA_F
ClientSampleId :
MMFB-1

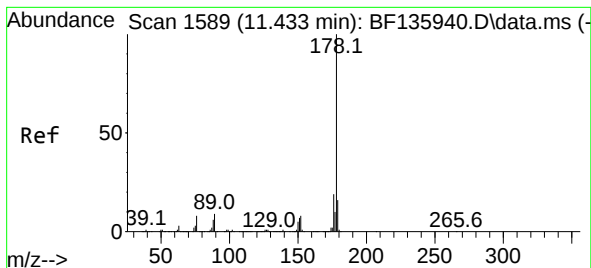
Tgt Ion:248 Resp: 10540
Ion Ratio Lower Upper
248 100
250 200.7 77.9 116.9#
141 539.2 60.8 91.2#



#71
Phenanthrene
Concen: 23.909 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

Tgt Ion:178 Resp: 530697
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.5 12.5 18.7





#72

Anthracene

Concen: 5.773 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

MMFB-1

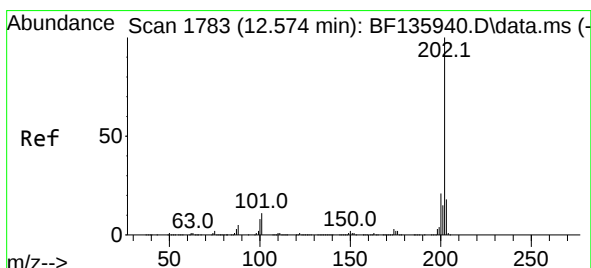
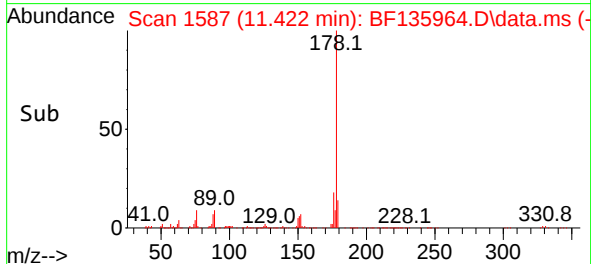
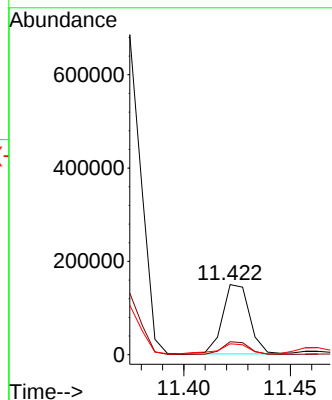
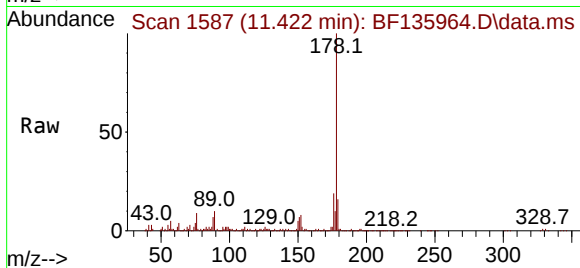
Tgt Ion:178 Resp: 131198

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.5 12.5 18.7



#75

Fluoranthene

Concen: 21.816 ng

RT: 12.569 min Scan# 1782

Delta R.T. -0.006 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

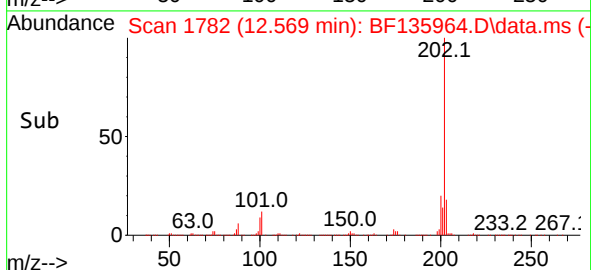
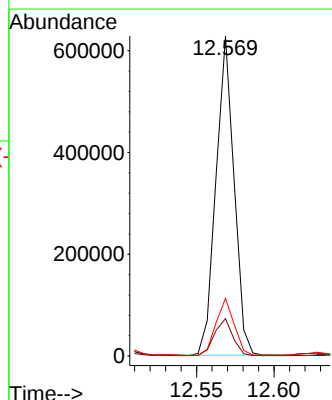
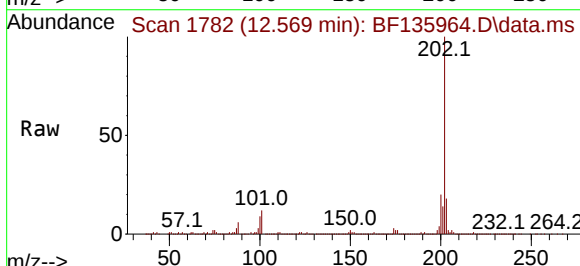
Tgt Ion:202 Resp: 509433

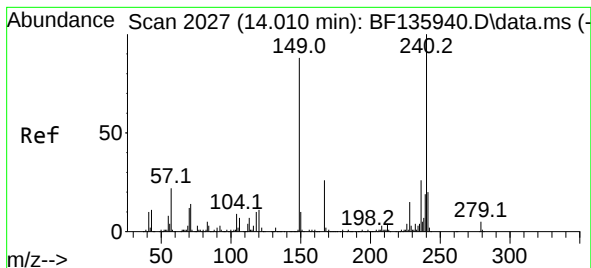
Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.6

203 18.0 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

MMFB-1

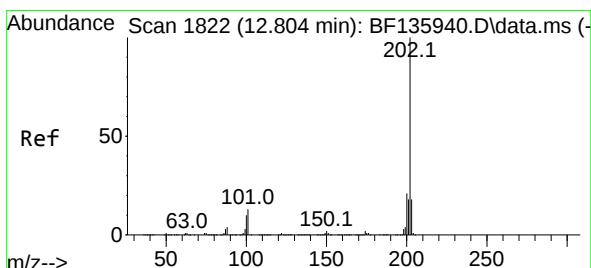
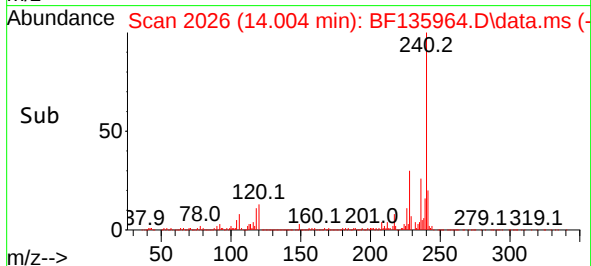
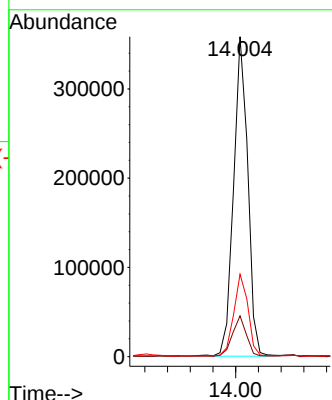
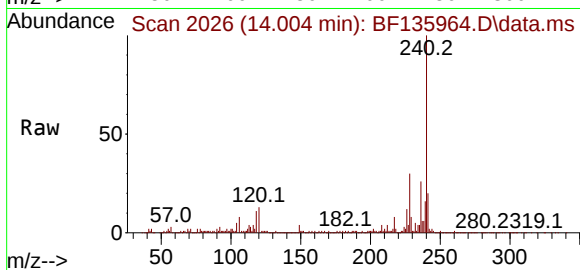
Tgt Ion:240 Resp: 310434

Ion Ratio Lower Upper

240 100

120 12.7 8.6 13.0

236 25.8 20.6 30.8



#78

Pyrene

Concen: 25.798 ng

RT: 12.798 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

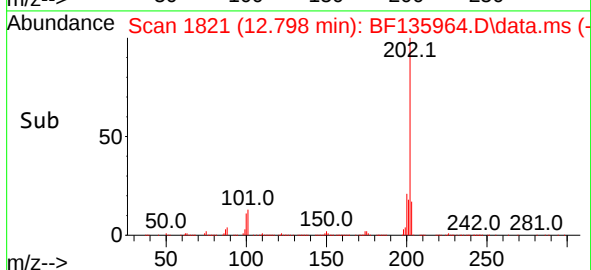
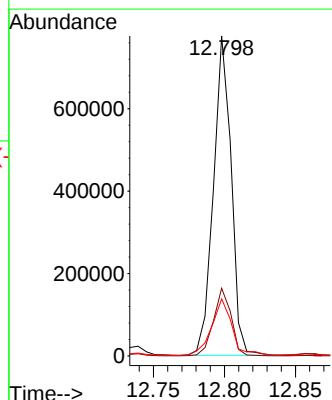
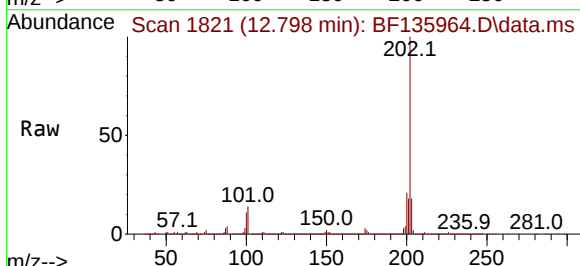
Tgt Ion:202 Resp: 672444

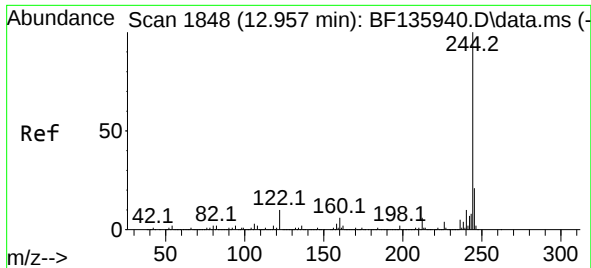
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 17.9 14.5 21.7

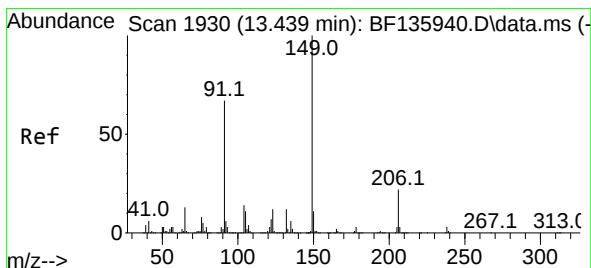
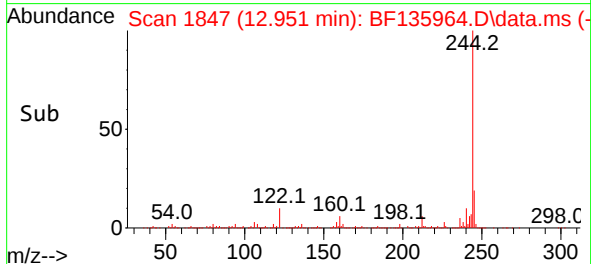
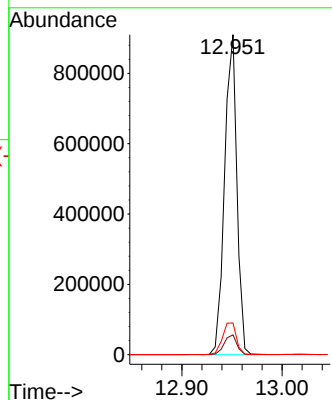
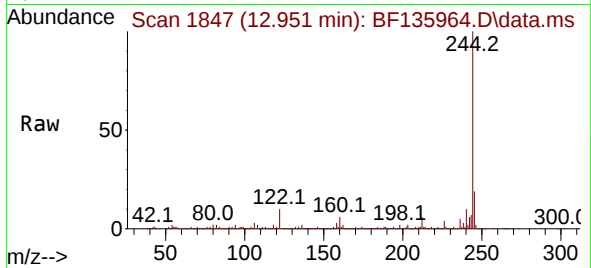




#79
 Terphenyl-d14
 Concen: 41.575 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135964.D
 Acq: 26 Oct 2023 15:33

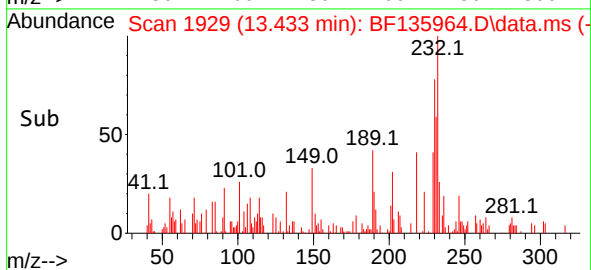
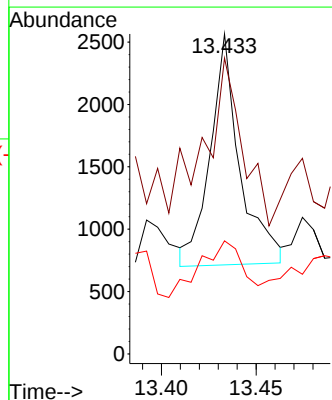
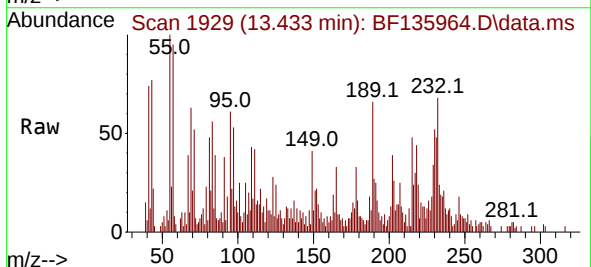
Instrument :
 BNA_F
 ClientSampleId :
 MMFB-1

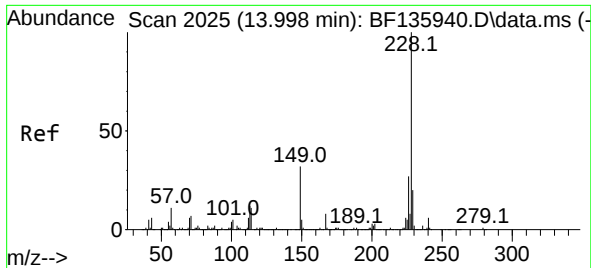
Tgt Ion:244 Resp: 772468
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.6
 122 9.9 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 4.015 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF135964.D
 Acq: 26 Oct 2023 15:33

Tgt Ion:149 Resp: 2010
 Ion Ratio Lower Upper
 149 100
 91 92.4 53.4 80.0#
 206 35.4 17.5 26.3#

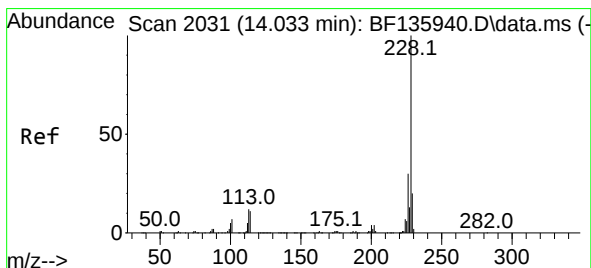
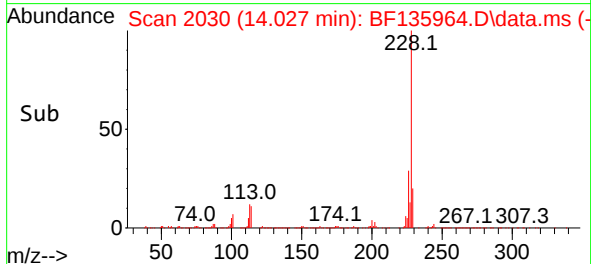
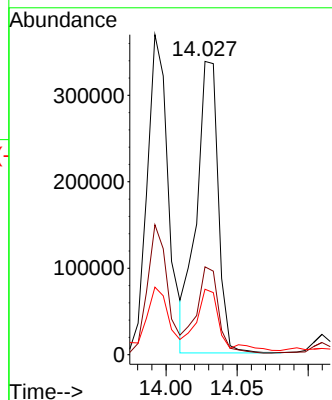
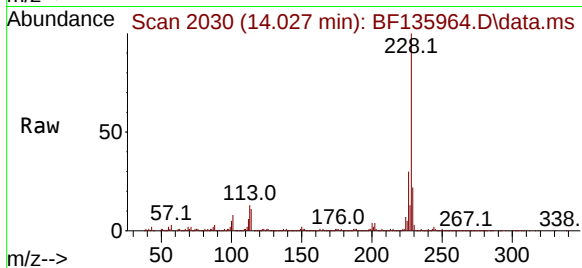




#81
Benzo(a)anthracene
Concen: 17.094 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.030 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

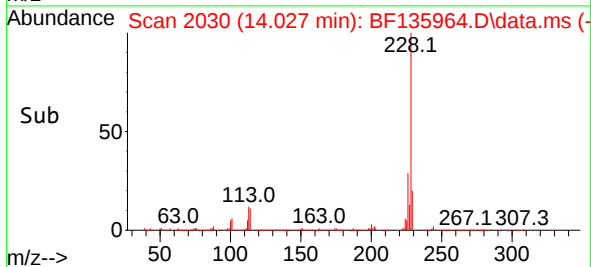
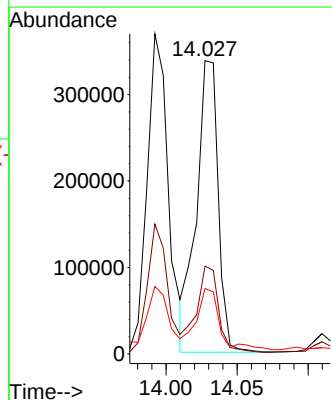
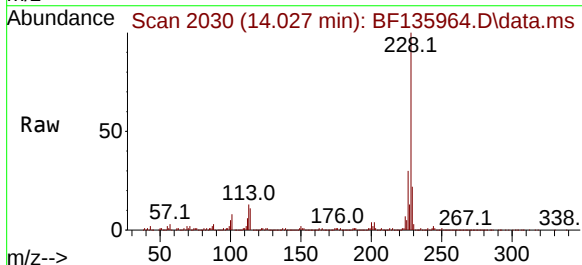
Instrument :
BNA_F
ClientSampleId :
MMFB-1

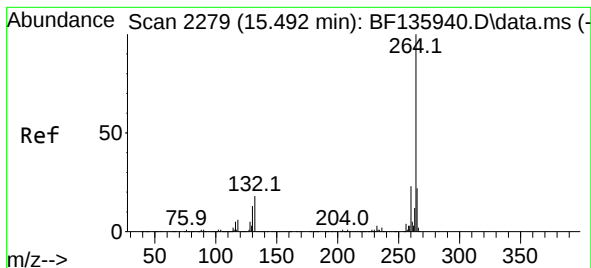
Tgt Ion:228 Resp: 360824
Ion Ratio Lower Upper
228 100
226 30.0 21.8 32.6
229 22.3 16.2 24.4



#83
Chrysene
Concen: 17.551 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

Tgt Ion:228 Resp: 360824
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 22.3 16.2 24.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

MMFB-1

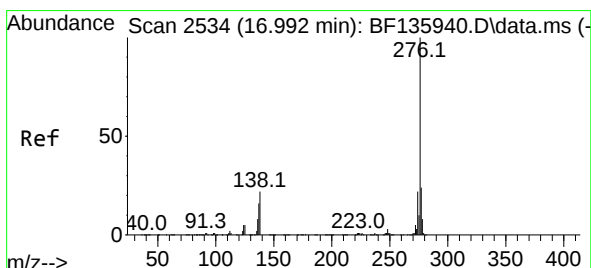
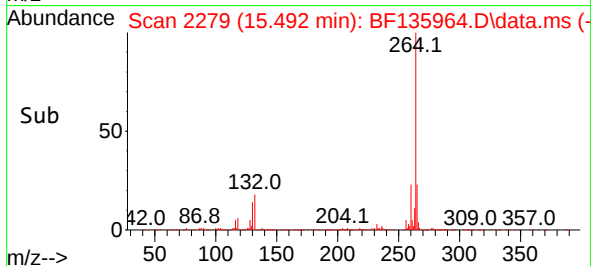
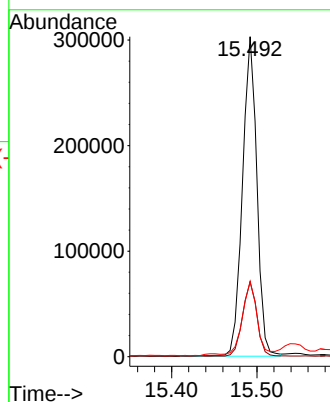
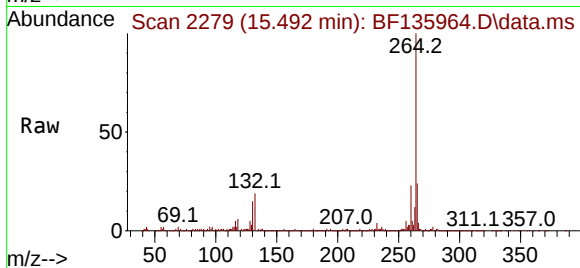
Tgt Ion:264 Resp: 356350

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 23.5 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 8.363 ng

RT: 16.992 min Scan# 2534

Delta R.T. -0.000 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

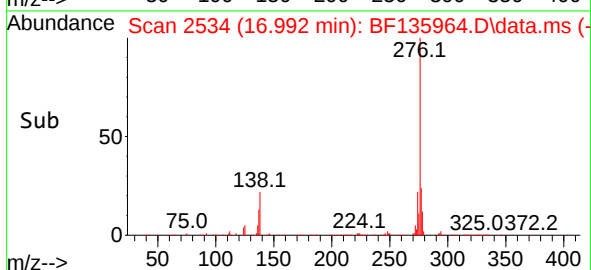
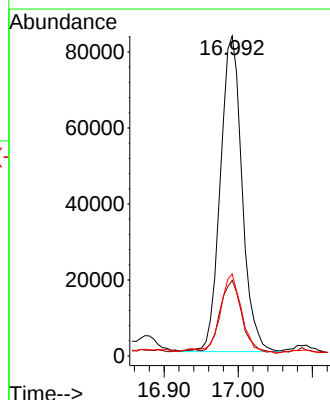
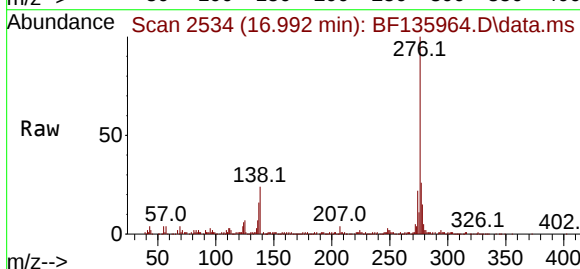
Tgt Ion:276 Resp: 168980

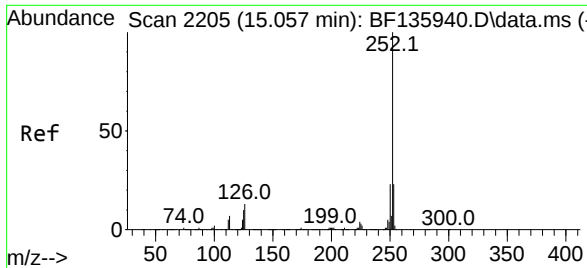
Ion Ratio Lower Upper

276 100

138 22.9 21.8 32.6

277 25.6 20.0 30.0

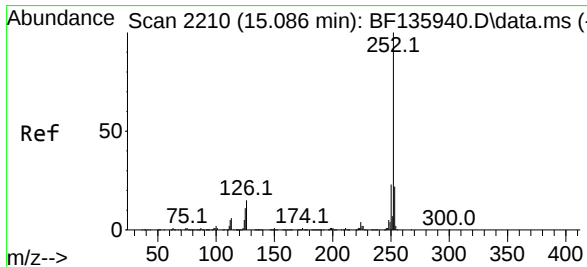
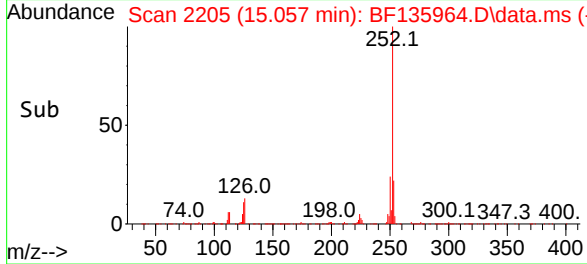
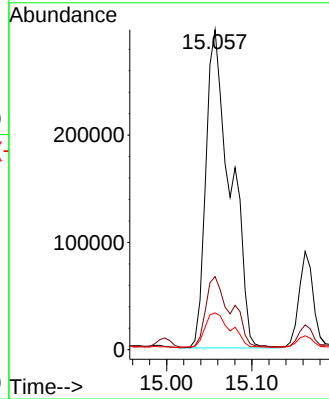
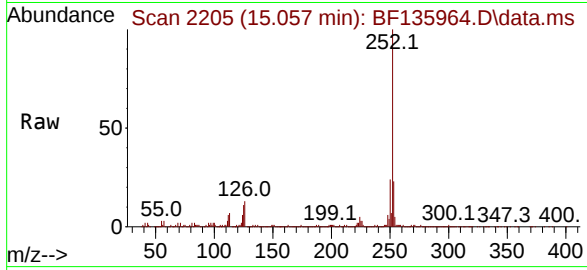




#88
Benzo(b)fluoranthene
Concen: 28.153 ng
RT: 15.057 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

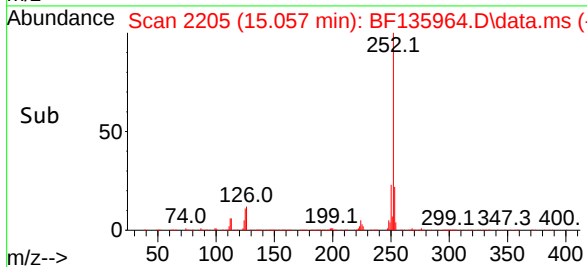
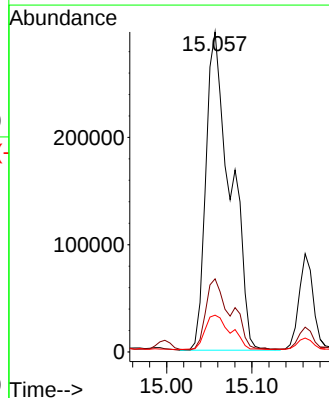
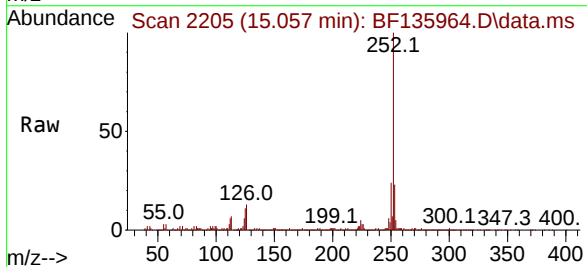
Instrument :
BNA_F
ClientSampleId :
MMFB-1

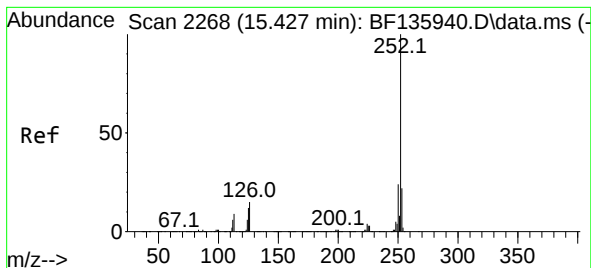
Tgt Ion:252 Resp: 597042
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 11.5 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 28.665 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.029 min
Lab File: BF135964.D
Acq: 26 Oct 2023 15:33

Tgt Ion:252 Resp: 597042
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 11.5 8.5 12.7





#90

Benzo(a)pyrene

Concen: 18.999 ng

RT: 15.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

MMFB-1

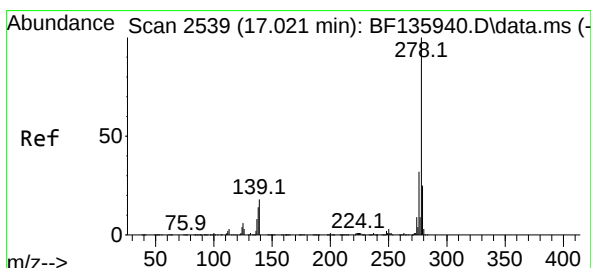
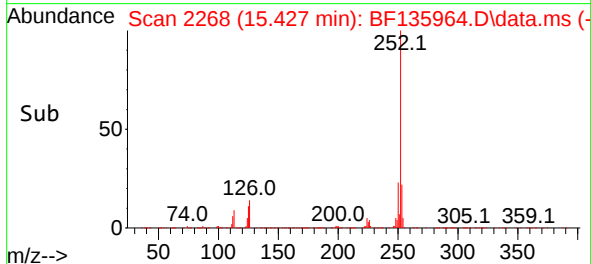
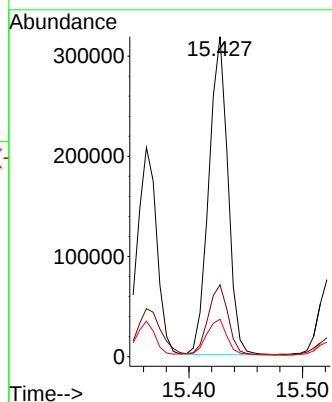
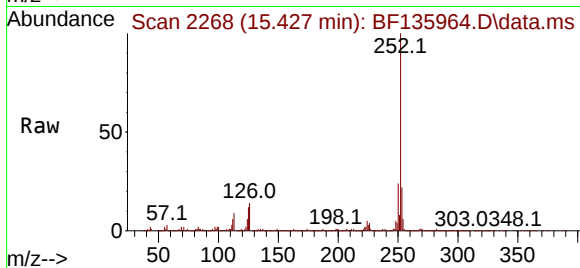
Tgt Ion:252 Resp: 371339

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 11.7 9.6 14.4



#91

Dibenzo(a,h)anthracene

Concen: 2.174 ng

RT: 16.810 min Scan# 2503

Delta R.T. -0.212 min

Lab File: BF135964.D

Acq: 26 Oct 2023 15:33

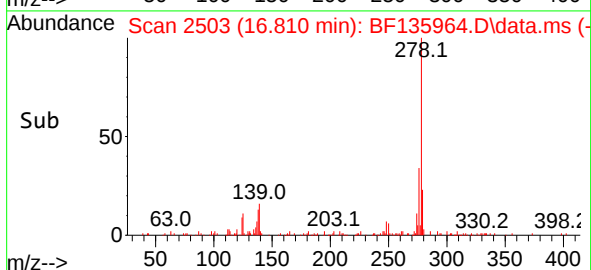
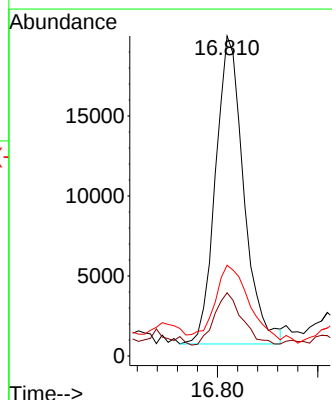
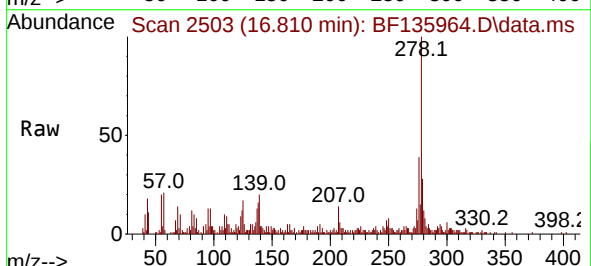
Tgt Ion:278 Resp: 37574

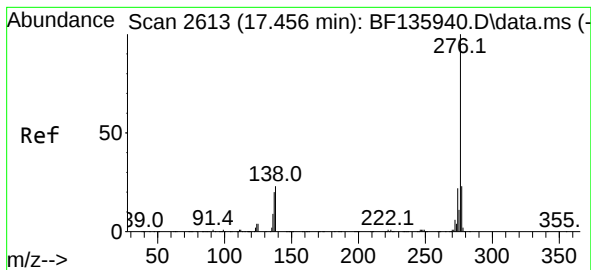
Ion Ratio Lower Upper

278 100

139 19.8 14.0 21.0

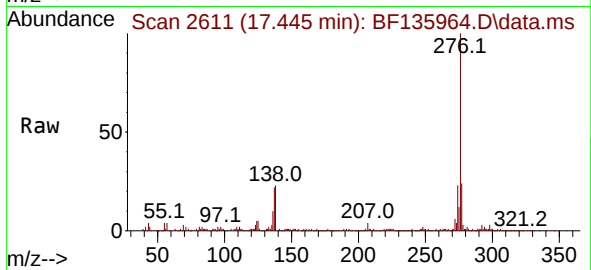
279 28.4 19.7 29.5





#92
 Benzo(g,h,i)perylene
 Concen: 11.540 ng
 RT: 17.445 min Scan# 20
 Delta R.T. -0.011 min
 Lab File: BF135964.D
 Acq: 26 Oct 2023 15:33

Instrument :
 BNA_F
 ClientSampleId :
 MMFB-1



Tgt Ion:	276	Resp:	165925
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.6	28.0
138	23.1	18.4	27.6

