

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103123\
 Data File : BF136055.D
 Acq On : 31 Oct 2023 17:03
 Operator : CG\JU
 Sample : 04805-05 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-2(0-5)

Quant Time: Oct 31 17:54:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

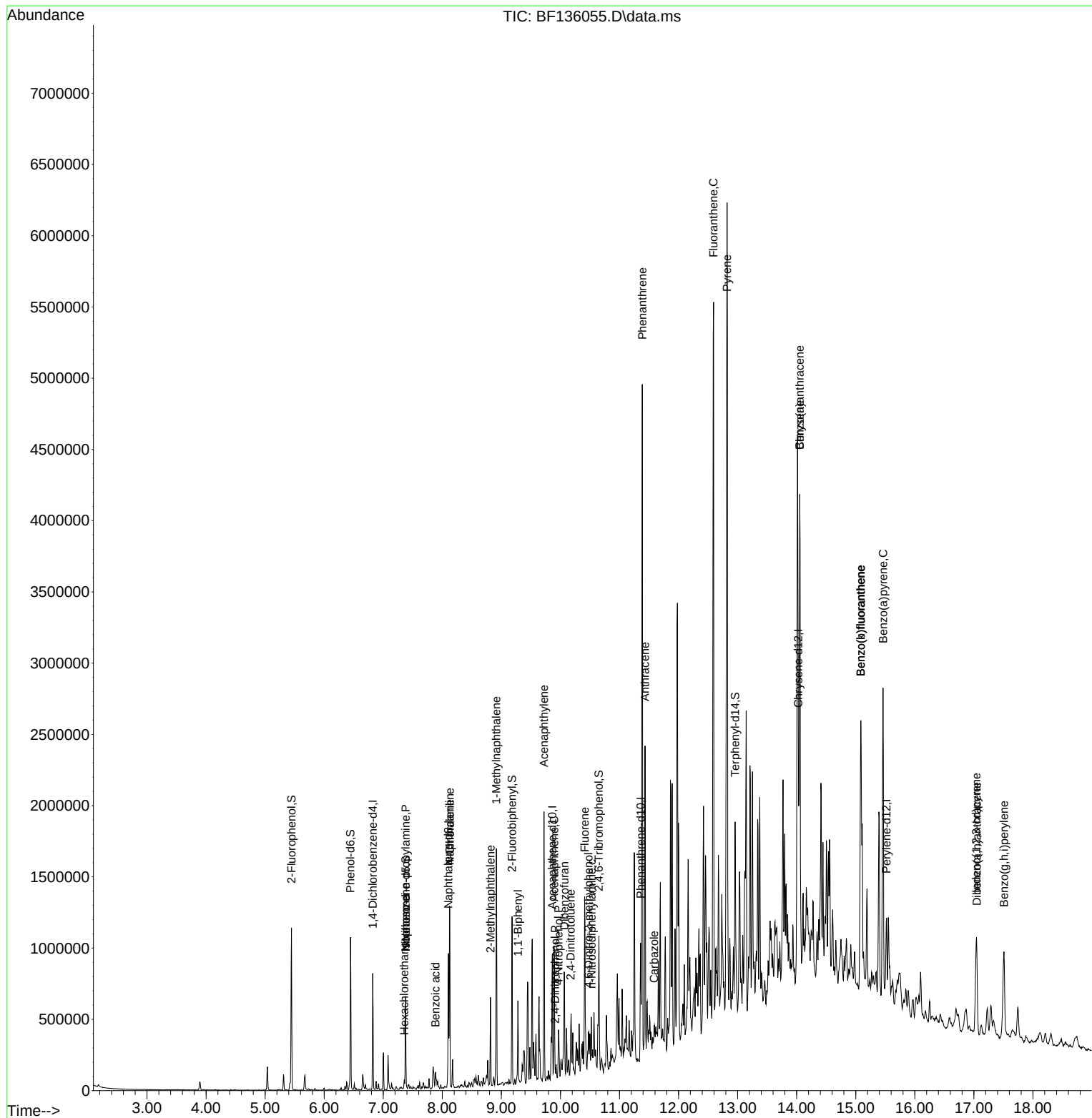
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	111070	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	374767	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	164327	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	321541	20.000	ng	0.00
76) Chrysene-d12	14.027	240	278748	20.000	ng	0.01
86) Perylene-d12	15.521	264	245253	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	287470	40.671	ng	0.00
7) Phenol-d6	6.445	99	326781	37.107	ng	-0.01
23) Nitrobenzene-d5	7.381	82	172212	27.701	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	73227	41.749	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	303630	29.454	ng	0.00
79) Terphenyl-d14	12.957	244	407016	22.691	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.357	117	6314	2.279	ng	# 1
19) n-Nitroso-di-n-propyla...	7.381	70	21786	4.330	ng	# 80
25) Isophorone	7.381	82	171037	14.573	ng	# 64
31) Naphthalene	8.128	128	550683	30.472	ng	100
32) Benzoic acid	7.887	122	661	5.250	ng	# 1
33) 4-Chloroaniline	8.128	127	71804	9.073	ng	# 31
37) 2-Methylnaphthalene	8.816	142	131115	10.820	ng	99
38) 1-Methylnaphthalene	8.916	142	376269	33.367	ng	100
46) 1,1'-Biphenyl	9.281	154	154294	12.317	ng	99
49) Acenaphthylene	9.722	152	620899	43.098	ng	99
52) Acenaphthene	9.892	154	176928	19.319	ng	98
54) 2,4-Dinitrophenol	9.910	184	379	8.249	ng	# 1
55) Dibenzofuran	10.069	168	173502	12.992	ng	# 96
56) 4-Nitrophenol	9.969	139	4672	2.309	ng	# 65
57) 2,4-Dinitrotoluene	10.175	165	12002	4.092	ng	# 60
58) Fluorene	10.410	166	350002	35.005	ng	100
65) 4,6-Dinitro-2-methylph...	10.475	198	567	6.073	ng	# 1
66) n-Nitrosodiphenylamine	10.528	169	22756	2.346	ng	# 62
71) Phenanthrene	11.386	178	1750603	108.131	ng	99
72) Anthracene	11.433	178	824405	49.694	ng	100
73) Carbazole	11.586	167	36416	2.526	ng	# 85
75) Fluoranthene	12.592	202	2344475	140.963	ng	98
78) Pyrene	12.822	202	3104676	126.331	ng	98
81) Benzo(a)anthracene	14.051	228	1411708	76.499	ng	93
83) Chrysene	14.051	228	1411708	77.678	ng	96
87) Indeno(1,2,3-cd)pyrene	17.045	276	498386	31.093	ng	96
88) Benzo(b)fluoranthene	15.086	252	1695719	116.849	ng	# 97
89) Benzo(k)fluoranthene	15.086	252	1695719	118.095	ng	97
90) Benzo(a)pyrene	15.463	252	1139165	84.483	ng	97
91) Dibenzo(a,h)anthracene	17.051	278	147181	11.210	ng	94
92) Benzo(g,h,i)perylene	17.509	276	513953	35.203	ng	99

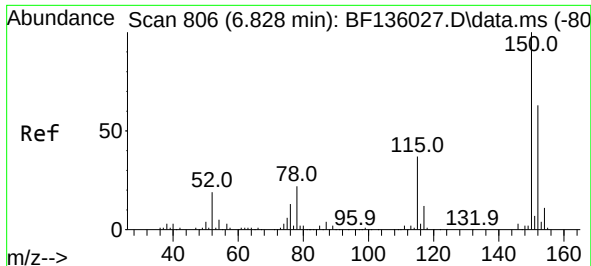
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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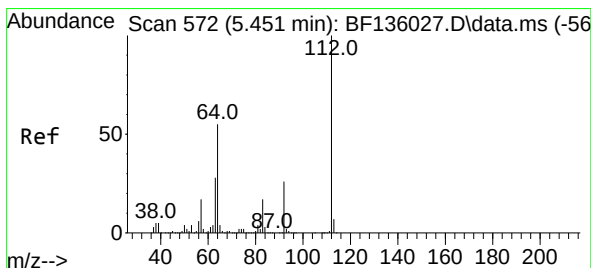
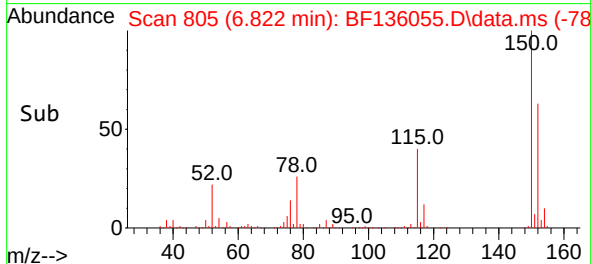
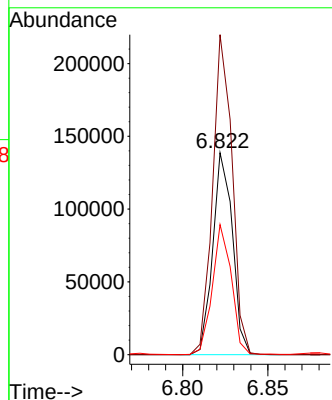
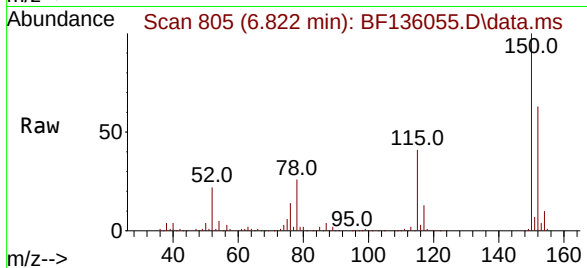




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BF136055.D
 Acq: 31 Oct 2023 17:03

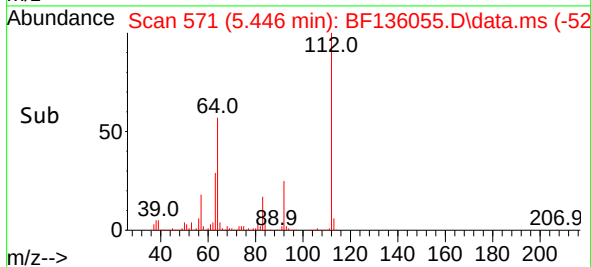
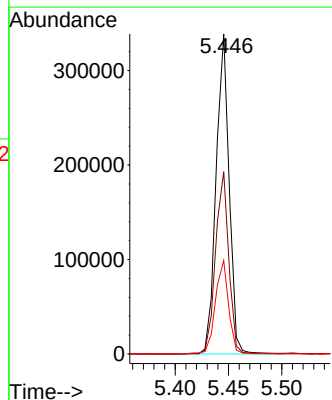
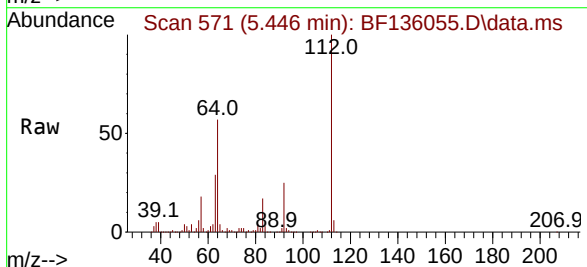
Instrument :
 BNA_F
 ClientSampleId :
 M-2(0-5)

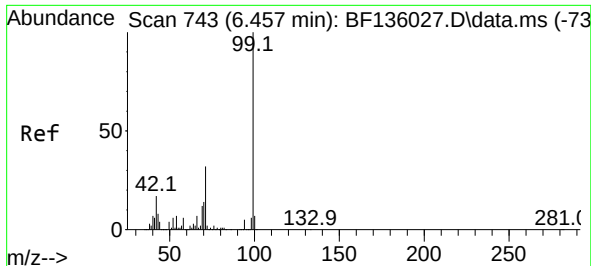
Tgt Ion:152 Resp: 111070
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.4 189.6
 115 64.4 47.0 70.4



#5
 2-Fluorophenol
 Concen: 40.671 ng
 RT: 5.446 min Scan# 571
 Delta R.T. -0.006 min
 Lab File: BF136055.D
 Acq: 31 Oct 2023 17:03

Tgt Ion:112 Resp: 287470
 Ion Ratio Lower Upper
 112 100
 64 57.0 43.9 65.9
 63 29.2 22.4 33.6

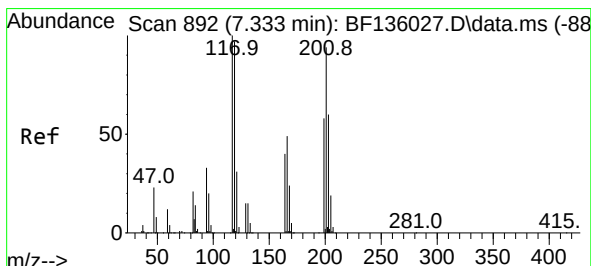
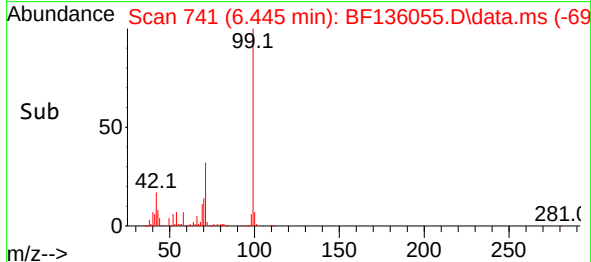
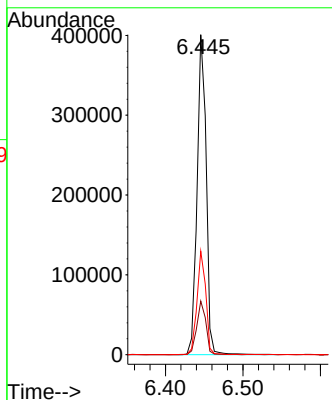
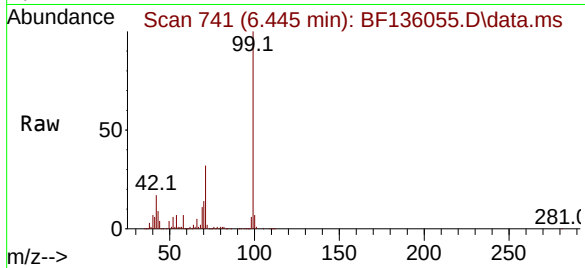




#7
Phenol-d6
Concen: 37.107 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

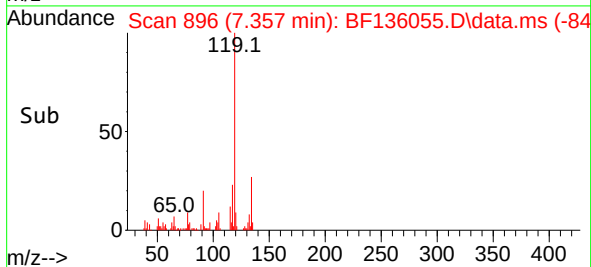
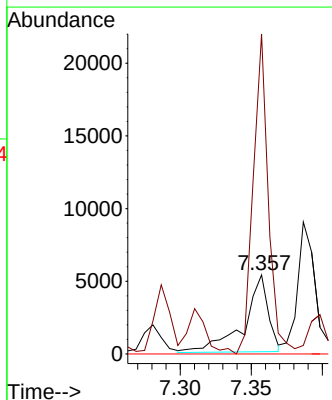
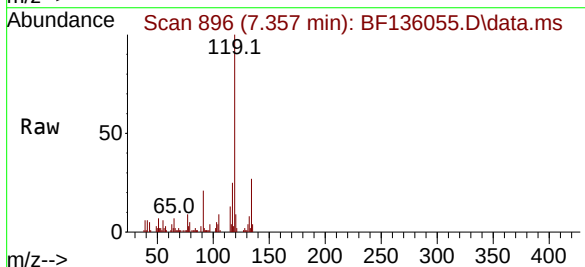
Instrument :
BNA_F
ClientSampleId :
M-2(0-5)

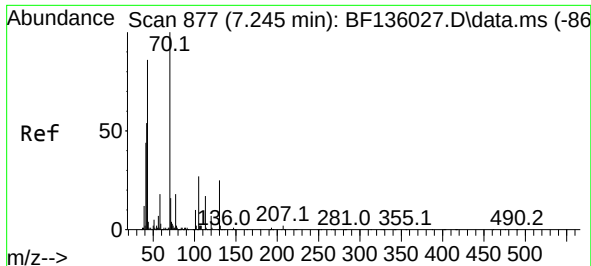
Tgt Ion: 99 Resp: 326781
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 32.4 25.9 38.9



#18
Hexachloroethane
Concen: 2.279 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.024 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

Tgt Ion: 117 Resp: 6314
Ion Ratio Lower Upper
117 100
119 404.6 77.7 116.5#
201 0.0 75.0 112.6#

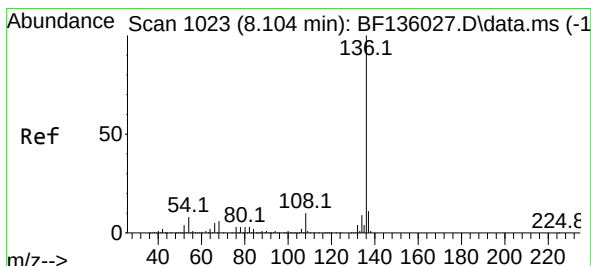
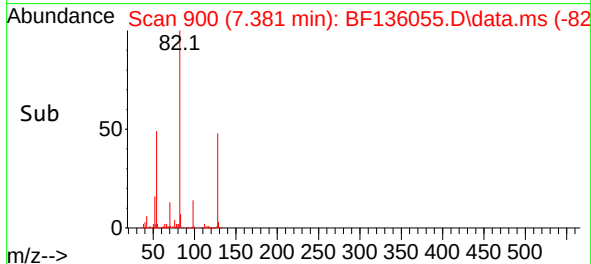
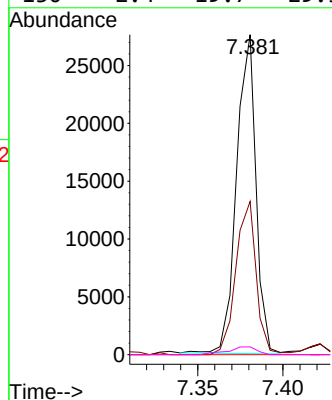
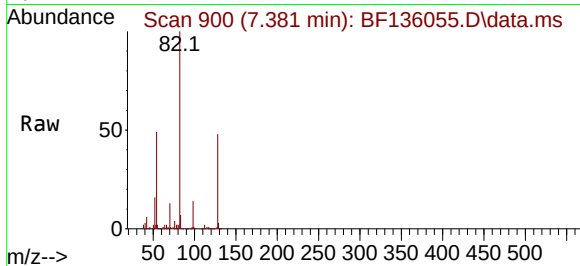




#19
n-Nitroso-di-n-propylamine
Concen: 4.330 ng
RT: 7.381 min Scan# 90
Delta R.T. 0.135 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

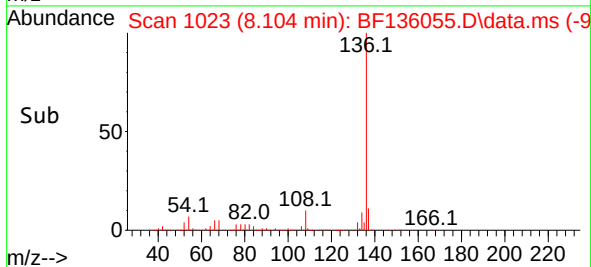
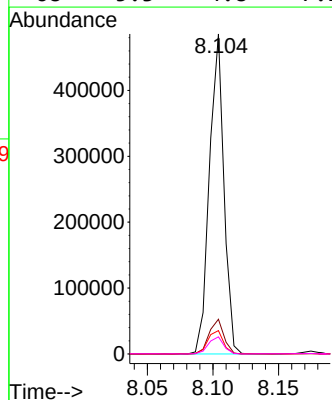
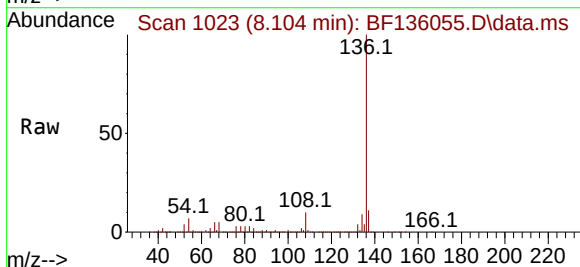
Instrument :
BNA_F
ClientSampleId :
M-2(0-5)

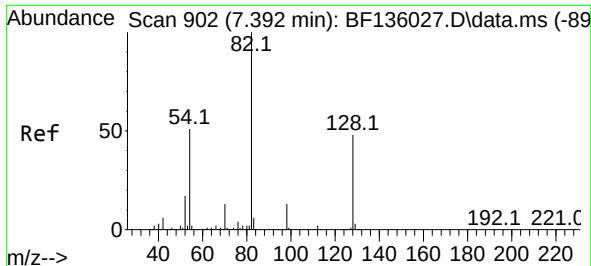
Tgt Ion: 70	Resp: 21786
Ion Ratio	Lower Upper
70 100	
42 47.9	43.0 64.4
101 0.0	8.0 12.0#
130 2.4	19.7 29.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

Tgt Ion: 136	Resp: 374767
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 7.3	6.6 9.8
68 5.3	4.8 7.2





#23

Nitrobenzene-d5

Concen: 27.701 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

Instrument :

BNA_F

ClientSampleId :

M-2(0-5)

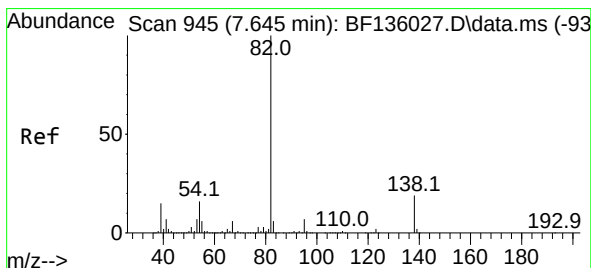
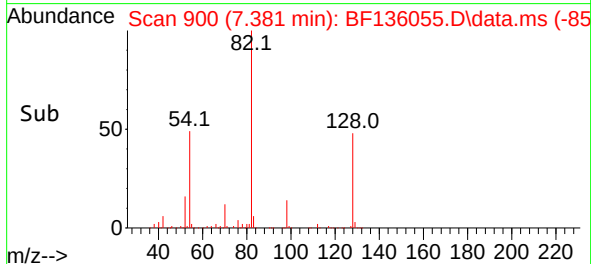
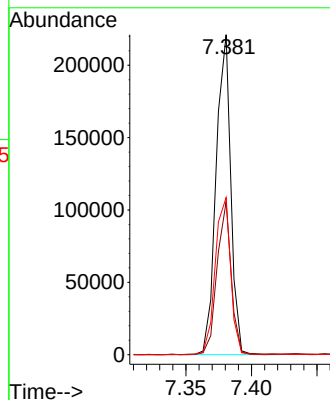
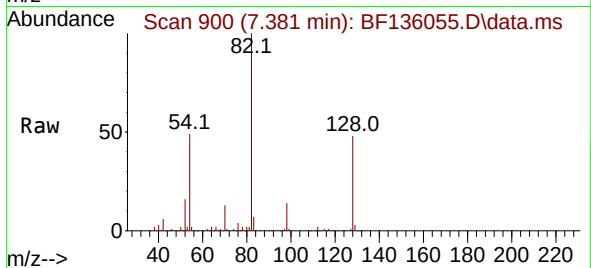
Tgt Ion: 82 Resp: 172212

Ion Ratio Lower Upper

82 100

128 47.7 38.6 57.8

54 49.1 40.8 61.2



#25

Isophorone

Concen: 14.573 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.264 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

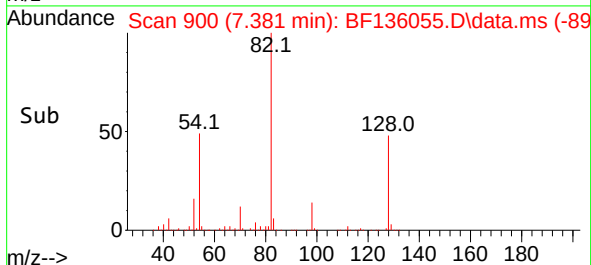
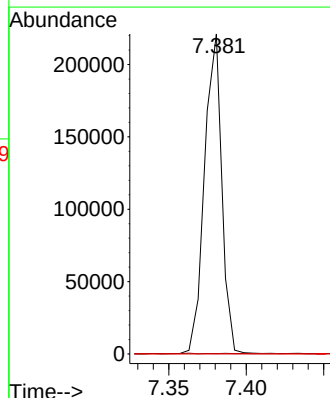
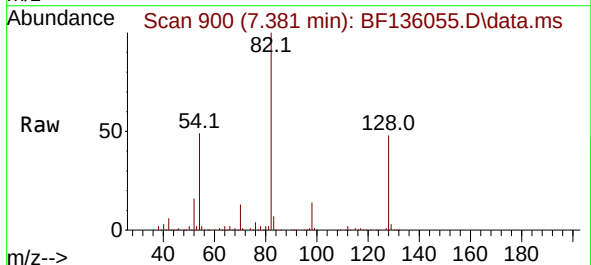
Tgt Ion: 82 Resp: 171037

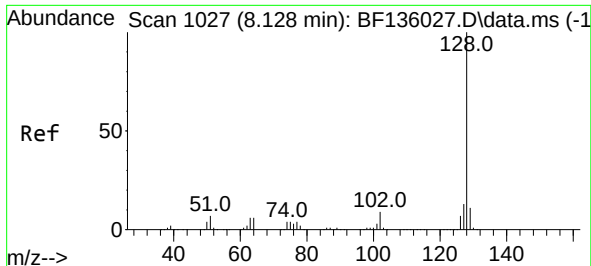
Ion Ratio Lower Upper

82 100

95 0.1 5.9 8.9#

138 0.0 15.3 22.9#

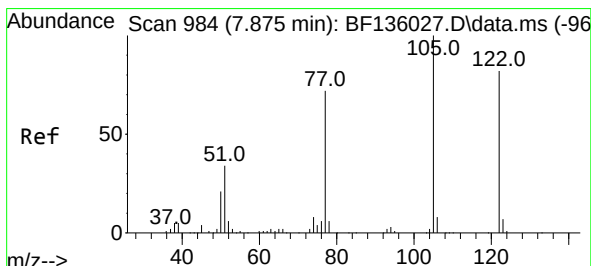
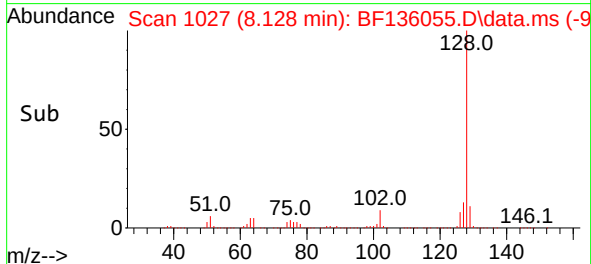
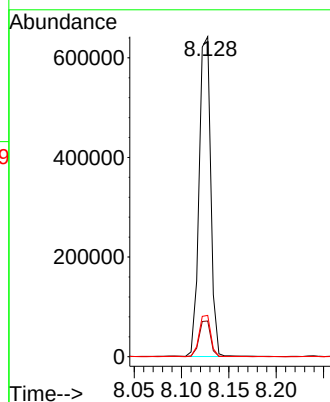
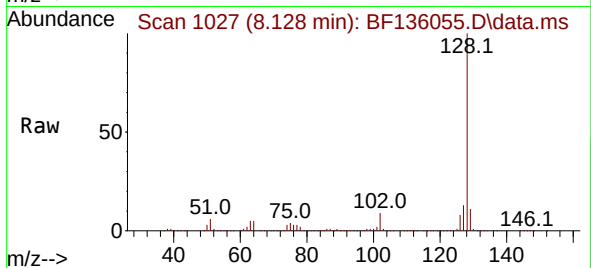




#31
Naphthalene
Concen: 30.472 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

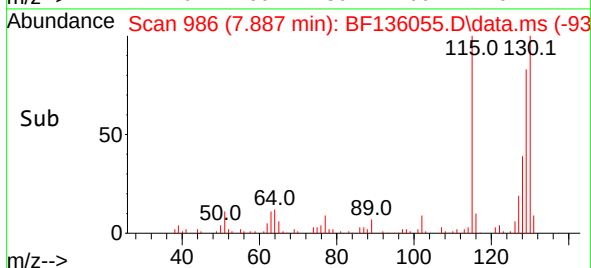
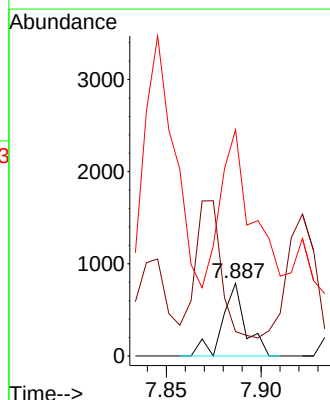
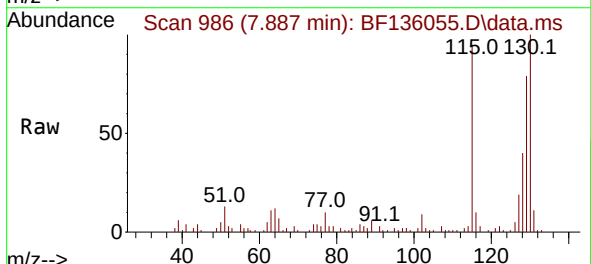
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M-2(0-5)

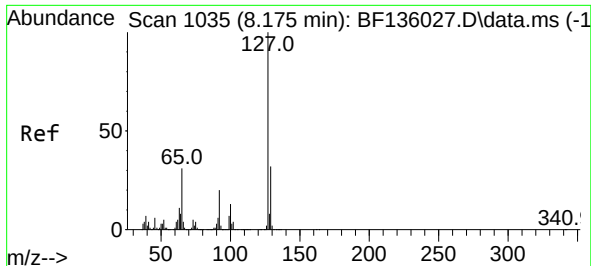
Tgt Ion:128 Resp: 550683
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 5.250 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.012 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

Tgt Ion:122 Resp: 661
Ion Ratio Lower Upper
122 100
105 33.5 99.5 139.5#
77 311.3 66.8 106.8#

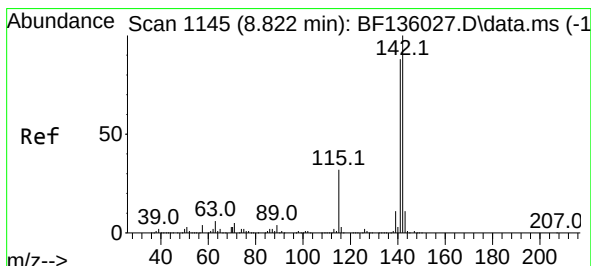
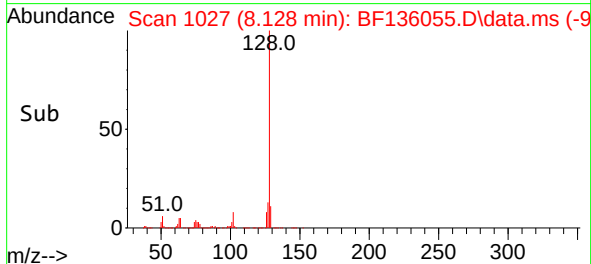
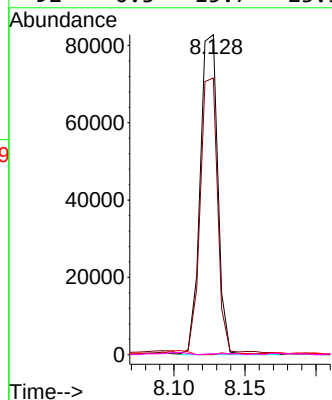
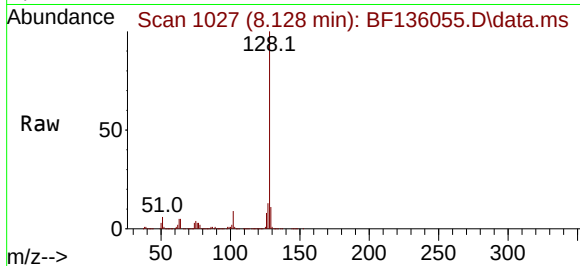




#33
4-Chloroaniline
Concen: 9.073 ng
RT: 8.128 min Scan# 110
Delta R.T. -0.047 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

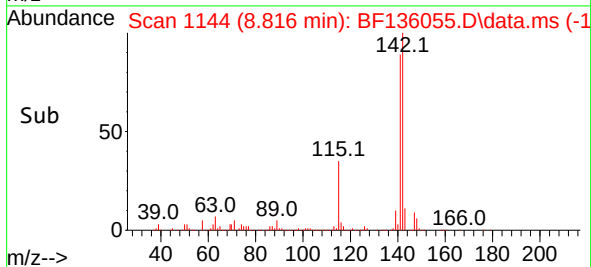
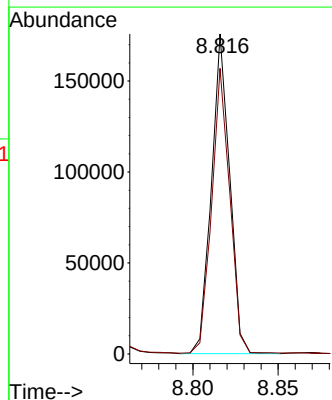
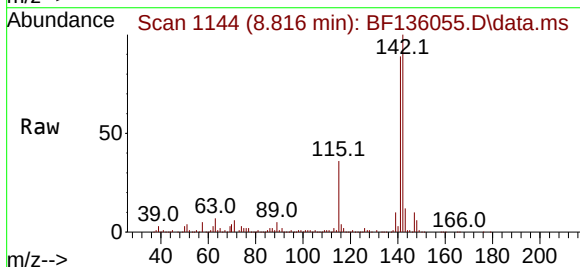
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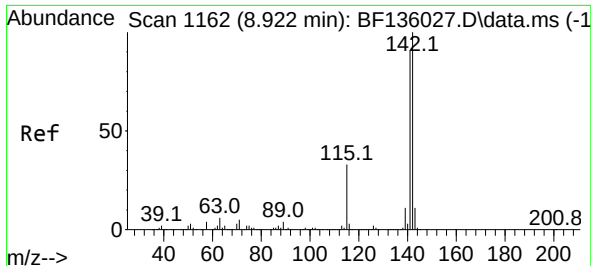
Tgt Ion:127	Resp:	71804
Ion Ratio	Lower	Upper
127	100	
129	86.5	25.9 38.9#
65	0.0	24.6 37.0#
92	0.3	15.7 23.5#



#37
2-Methylnaphthalene
Concen: 10.820 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

Tgt Ion:142	Resp:	131115
Ion Ratio	Lower	Upper
142	100	
141	89.3	70.4 105.6





#38

1-Methylnaphthalene

Concen: 33.367 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

Instrument :

BNA_F

ClientSampleId :

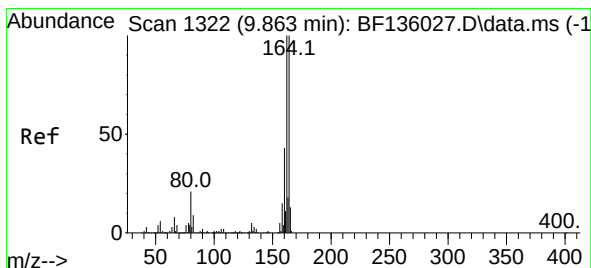
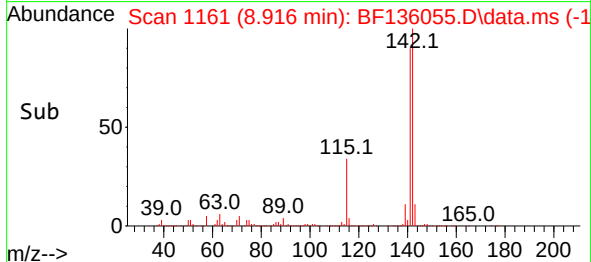
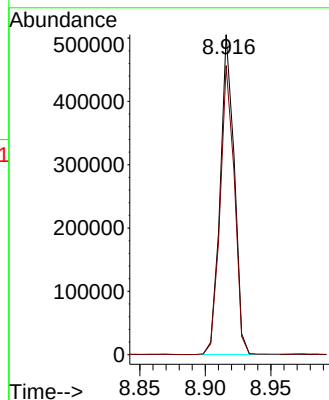
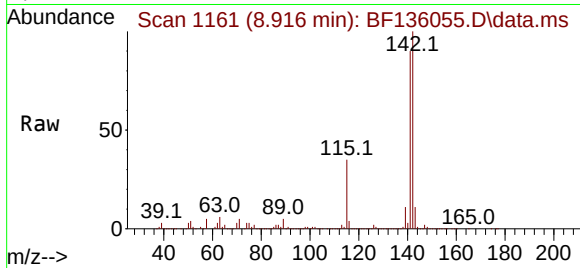
M-2(0-5)

Tgt Ion:142 Resp: 376269

Ion Ratio Lower Upper

142 100

141 90.4 72.6 109.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

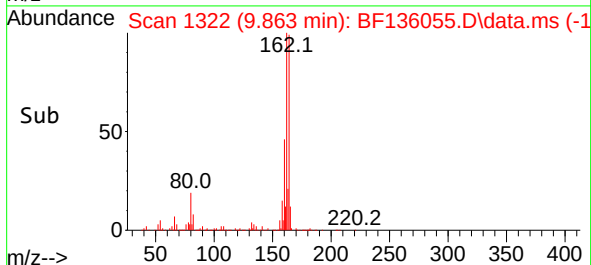
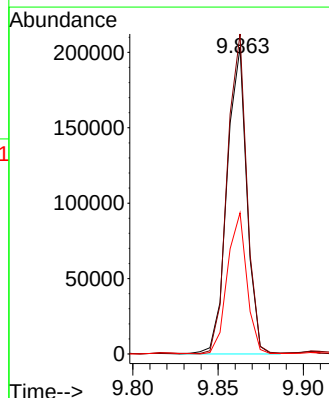
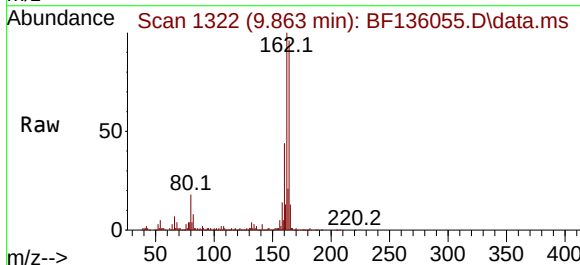
Tgt Ion:164 Resp: 164327

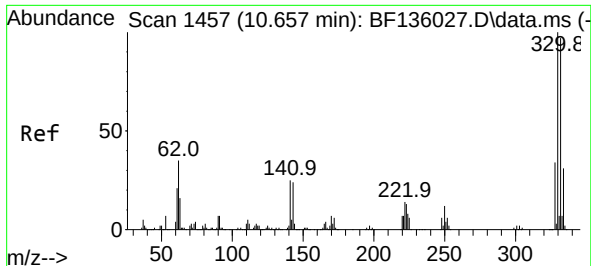
Ion Ratio Lower Upper

164 100

162 104.3 80.1 120.1

160 46.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 41.749 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

Instrument :

BNA_F

ClientSampleId :

M-2(0-5)

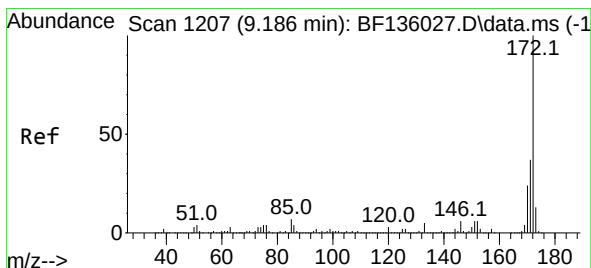
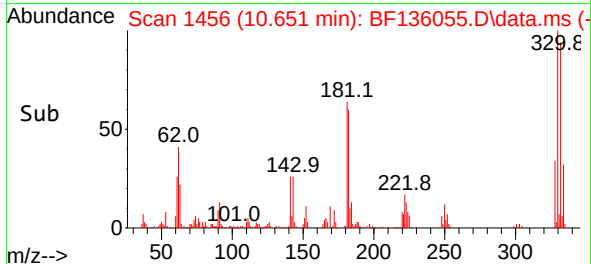
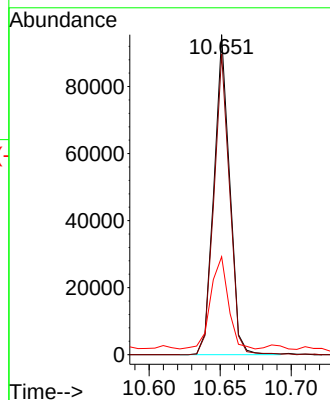
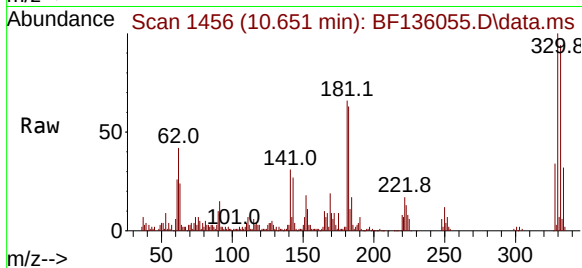
Tgt Ion:330 Resp: 73227

Ion Ratio Lower Upper

330 100

332 94.0 76.9 115.3

141 33.7 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 29.454 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

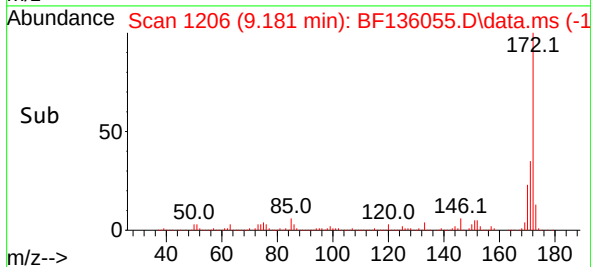
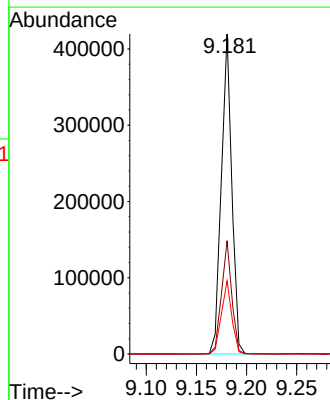
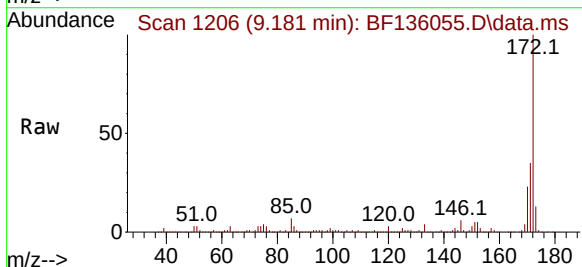
Tgt Ion:172 Resp: 303630

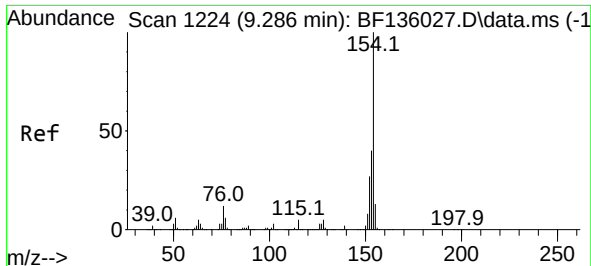
Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

170 22.8 19.3 28.9

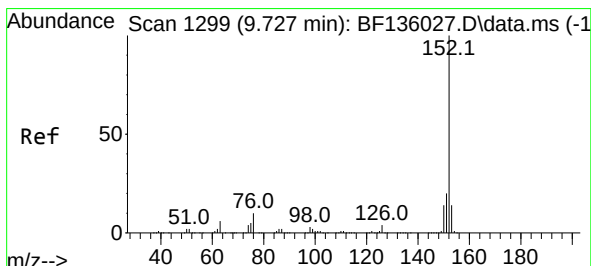
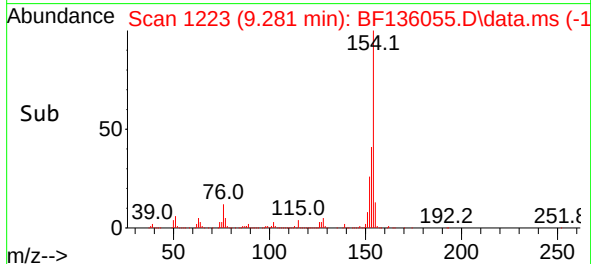
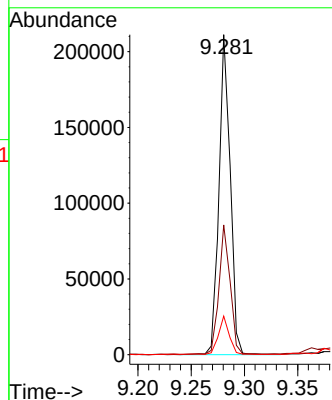
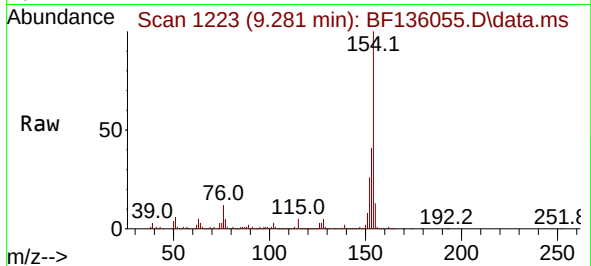




#46
1,1'-Biphenyl
Concen: 12.317 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

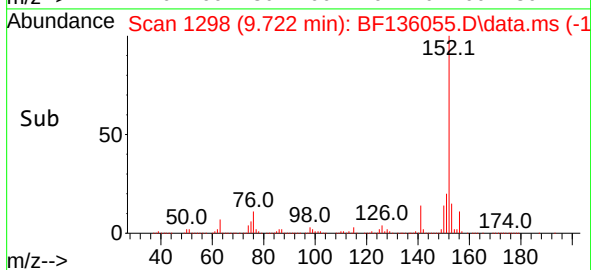
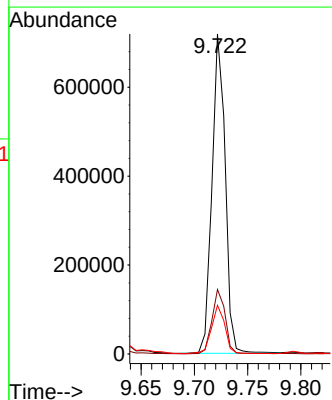
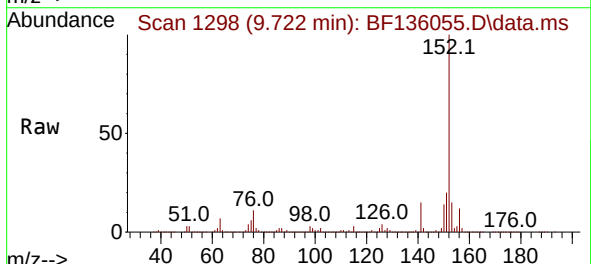
Instrument :
BNA_F
ClientSampleId :
M-2(0-5)

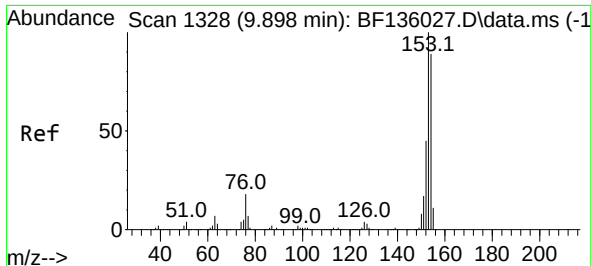
Tgt Ion:154 Resp: 154294
Ion Ratio Lower Upper
154 100
153 40.6 20.1 60.1
76 12.0 0.0 32.5



#49
Acenaphthylene
Concen: 43.098 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

Tgt Ion:152 Resp: 620899
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 15.2 11.4 17.2

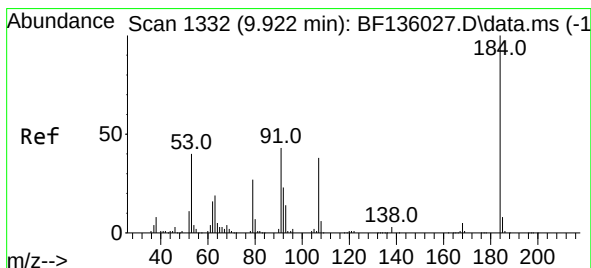
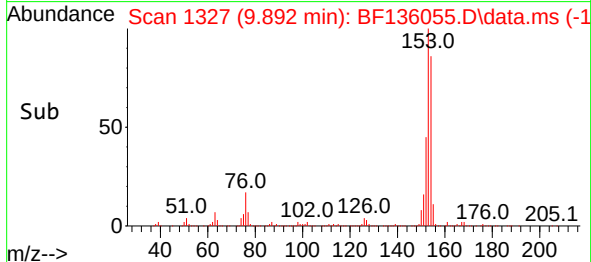
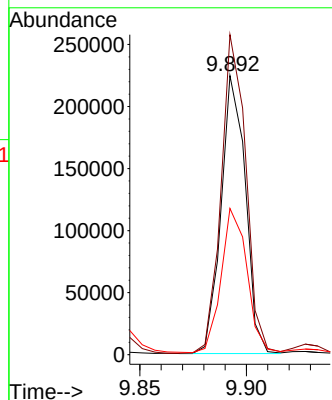
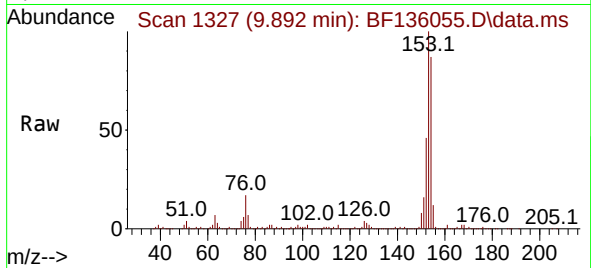




#52
Acenaphthene
Concen: 19.319 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

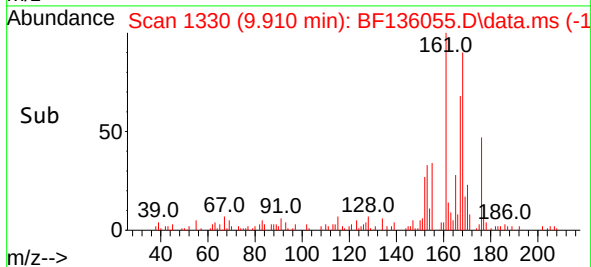
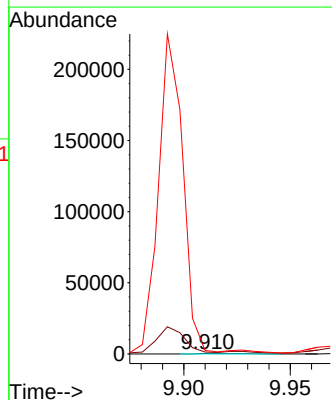
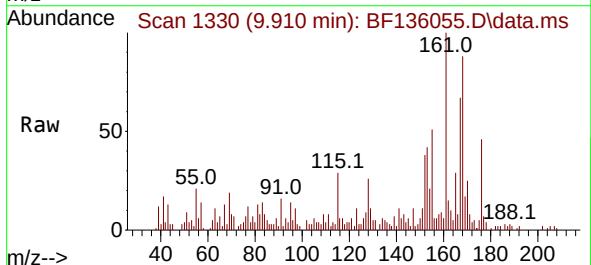
Instrument :
BNA_F
ClientSampleId :
M-2(0-5)

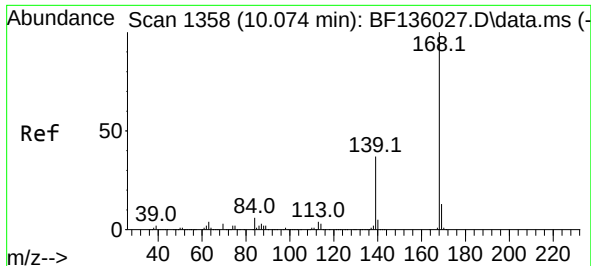
Tgt Ion:154 Resp: 176928
Ion Ratio Lower Upper
154 100
153 114.7 89.9 134.9
152 52.4 40.2 60.2



#54
2,4-Dinitrophenol
Concen: 8.249 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

Tgt Ion:184 Resp: 379
Ion Ratio Lower Upper
184 100
63 459.3 43.7 65.5#
154 864.2 51.2 76.8#

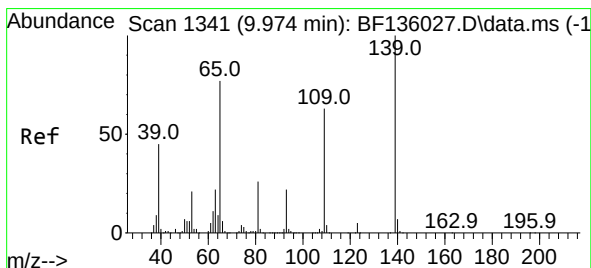
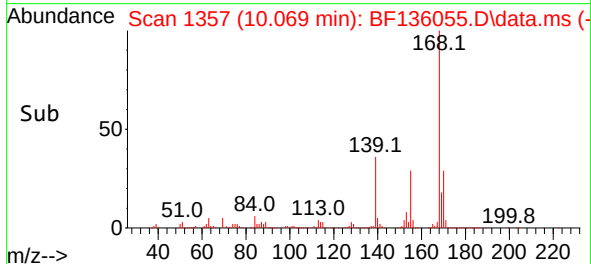
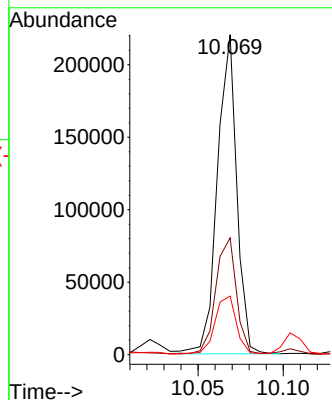
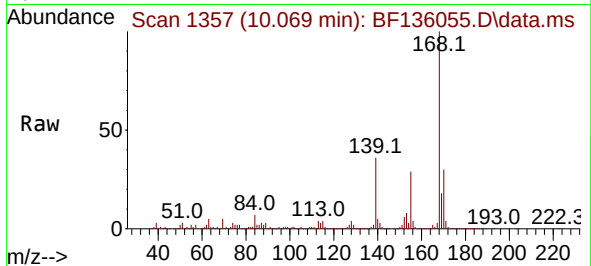




#55
Dibenzenofuran
Concen: 12.992 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

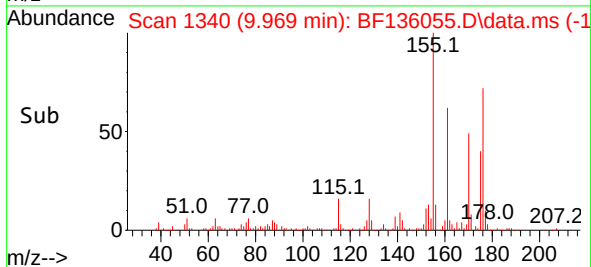
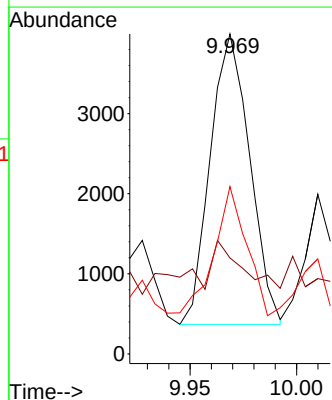
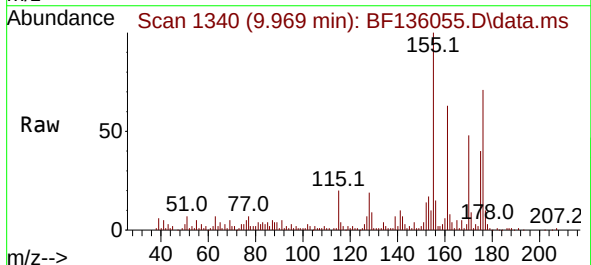
Instrument :
BNA_F
ClientSampleId :
M-2(0-5)

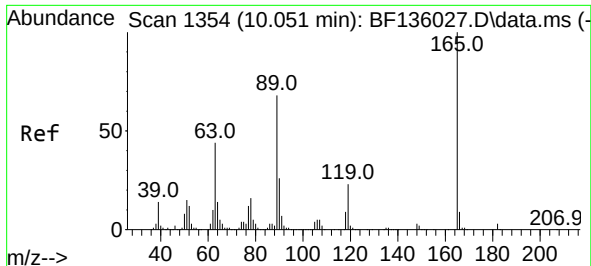
Tgt Ion:168 Resp: 173502
Ion Ratio Lower Upper
168 100
139 36.5 29.4 44.0
169 18.3 10.5 15.7#



#56
4-Nitrophenol
Concen: 2.309 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

Tgt Ion:139 Resp: 4672
Ion Ratio Lower Upper
139 100
109 30.0 43.2 83.2#
65 52.3 57.6 97.6#

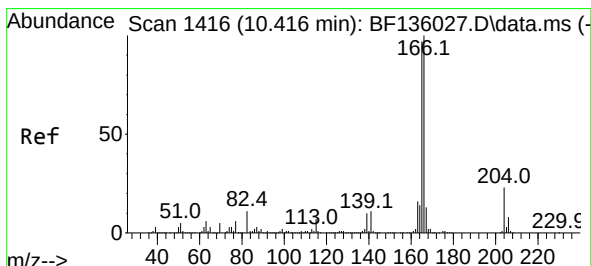
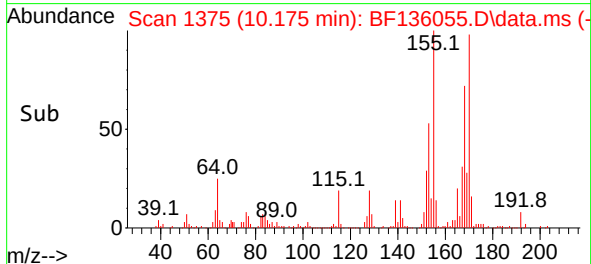
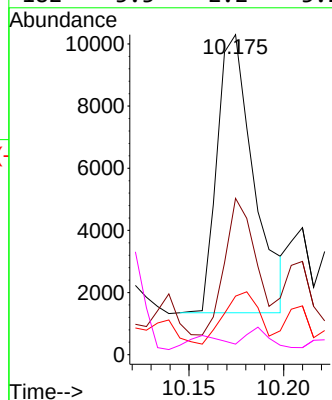
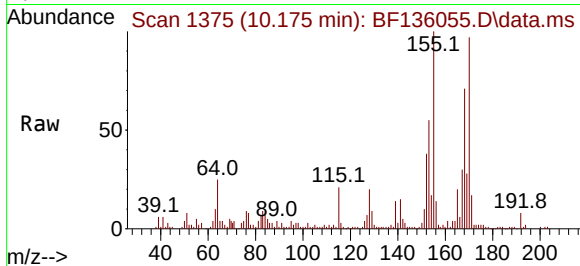




#57
2,4-Dinitrotoluene
Concen: 4.092 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.124 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

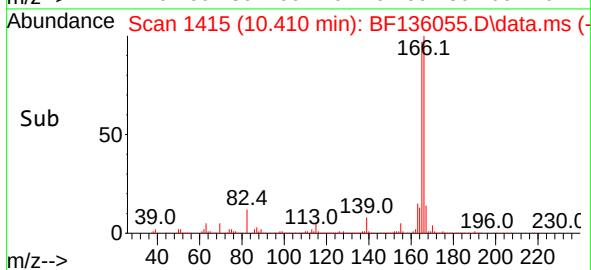
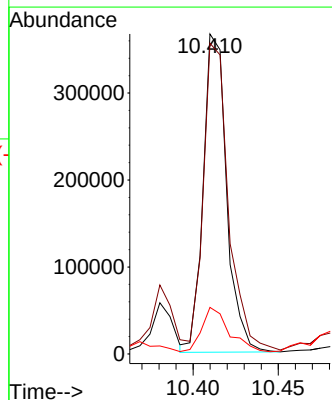
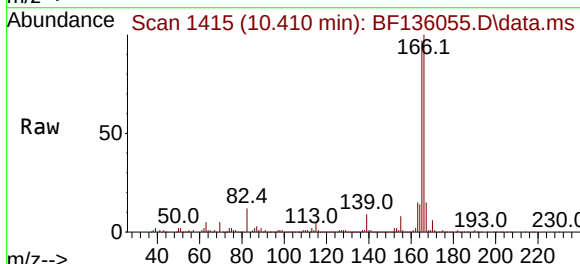
Instrument :
BNA_F
ClientSampleId :
M-2(0-5)

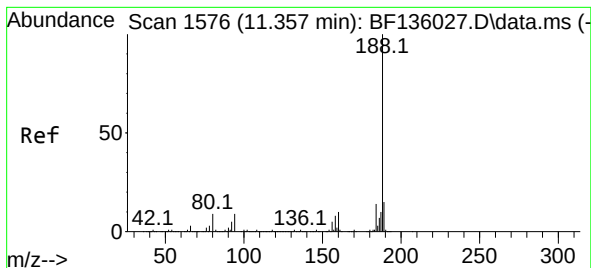
Tgt Ion:165 Resp: 12002
Ion Ratio Lower Upper
165 100
63 48.9 35.2 52.8
89 18.3 54.8 82.2#
182 3.3 2.2 3.2#



#58
Fluorene
Concen: 35.005 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

Tgt Ion:166 Resp: 350002
Ion Ratio Lower Upper
166 100
165 97.1 77.7 116.5
167 14.6 10.6 16.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

Instrument :

BNA_F

ClientSampleId :

M-2(0-5)

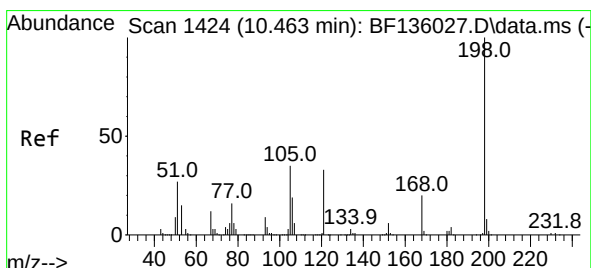
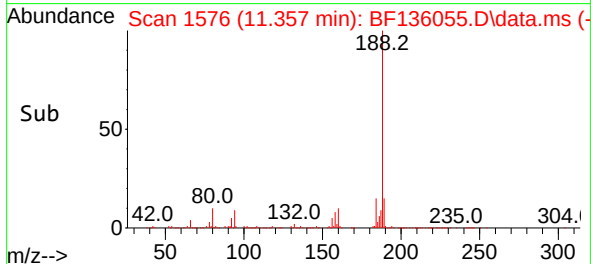
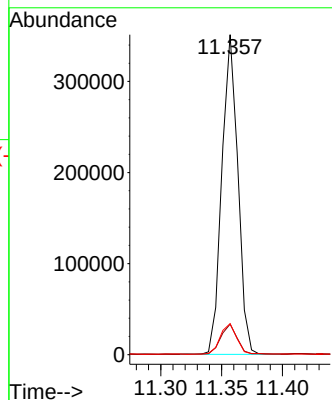
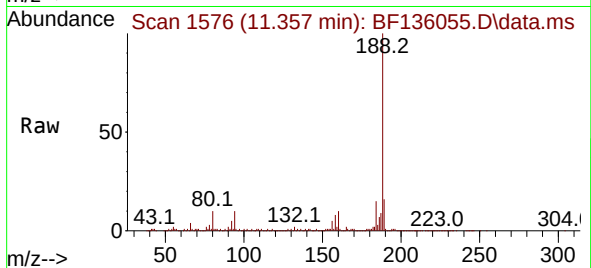
Tgt Ion:188 Resp: 321541

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

80 9.7 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.073 ng

RT: 10.475 min Scan# 1426

Delta R.T. 0.012 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

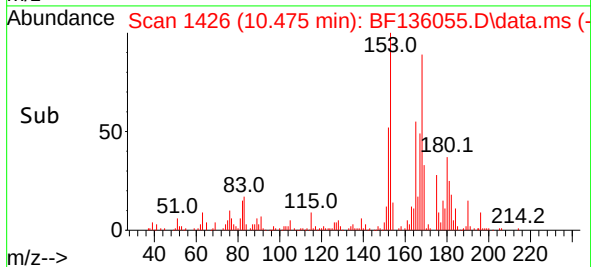
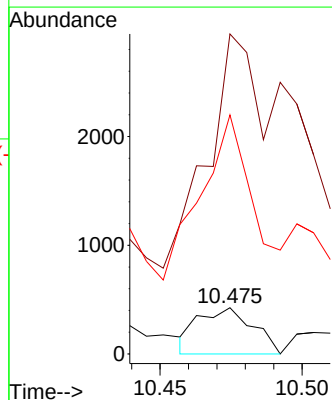
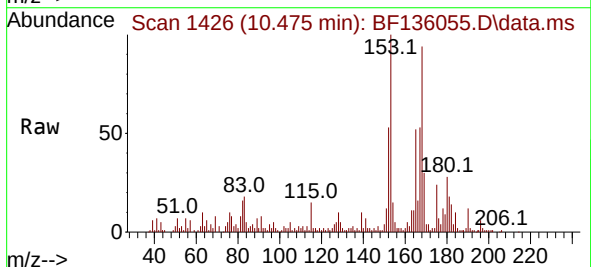
Tgt Ion:198 Resp: 567

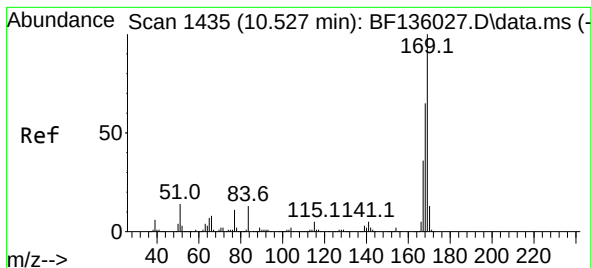
Ion Ratio Lower Upper

198 100

51 692.5 12.9 52.9#

105 517.4 16.0 56.0#

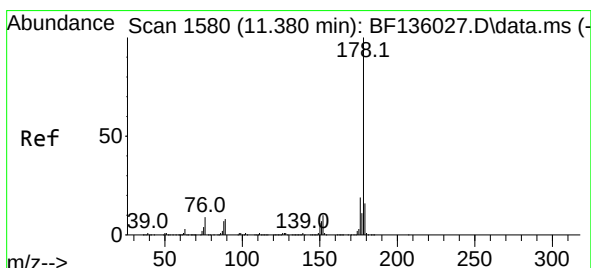
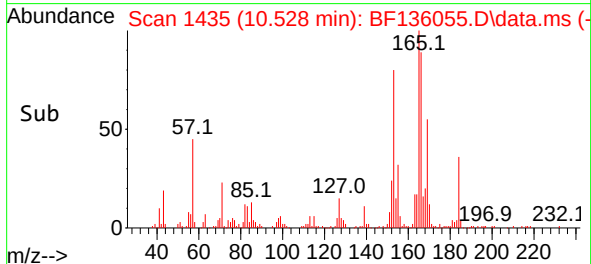
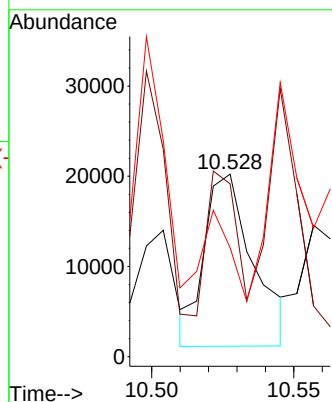
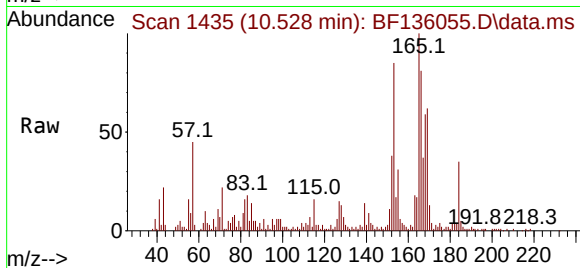




#66
n-Nitrosodiphenylamine
Concen: 2.346 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

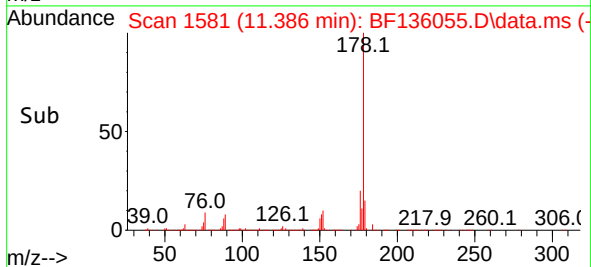
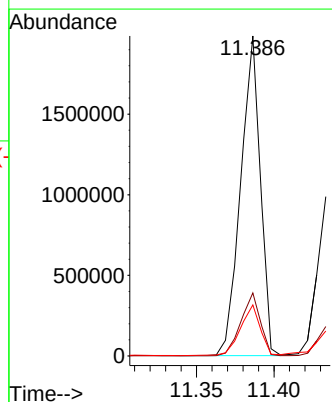
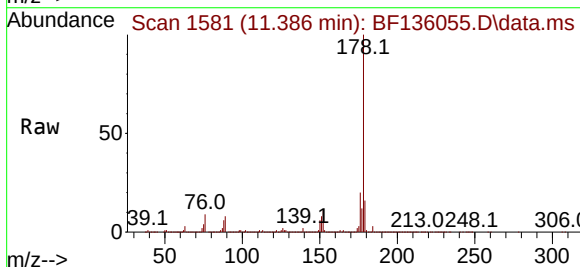
Instrument :
BNA_F
ClientSampleId :
M-2(0-5)

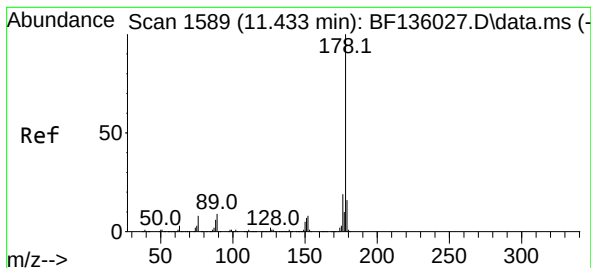
Tgt Ion:169 Resp: 22756
Ion Ratio Lower Upper
169 100
168 94.7 52.2 78.2#
167 59.7 28.7 43.1#



#71
Phenanthrene
Concen: 108.131 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

Tgt Ion:178 Resp: 1750603
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.9 12.9 19.3





#72

Anthracene

Concen: 49.694 ng

RT: 11.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

Instrument :

BNA_F

ClientSampleId :

M-2(0-5)

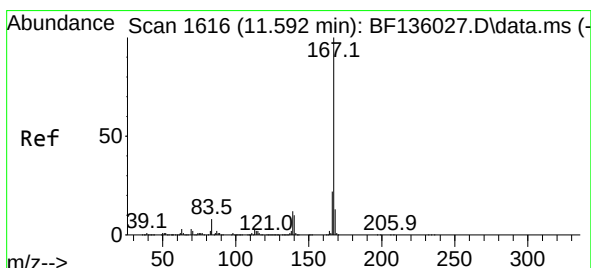
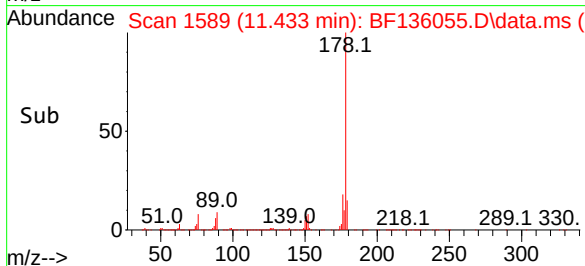
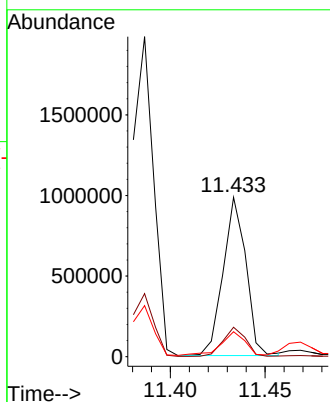
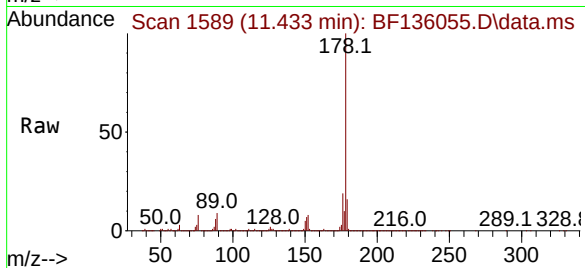
Tgt Ion:178 Resp: 824405

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.7 12.6 18.8



#73

Carbazole

Concen: 2.526 ng

RT: 11.586 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

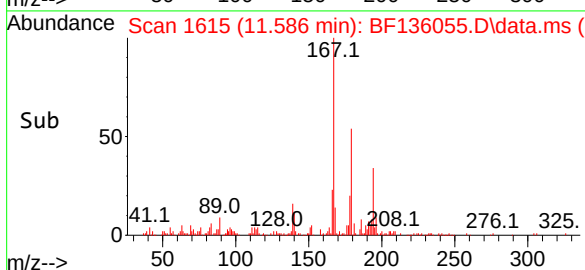
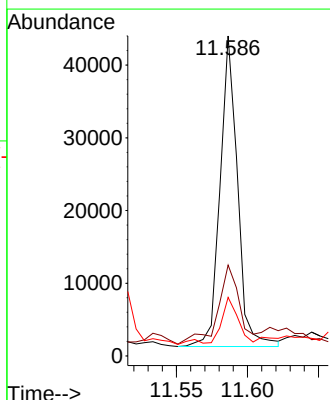
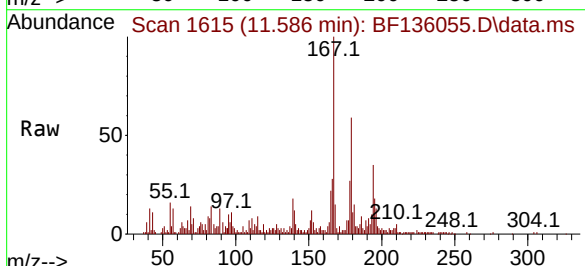
Tgt Ion:167 Resp: 36416

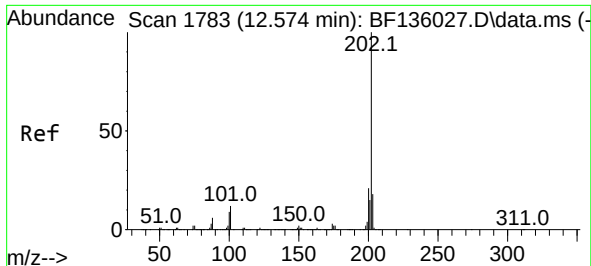
Ion Ratio Lower Upper

167 100

166 28.4 17.2 25.8#

139 18.3 9.9 14.9#

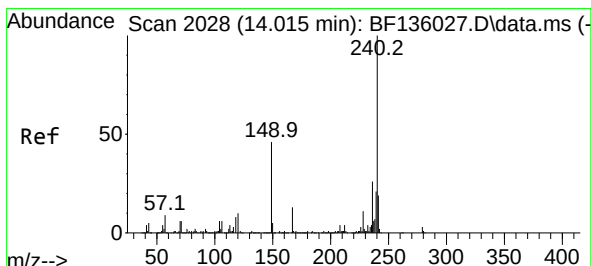
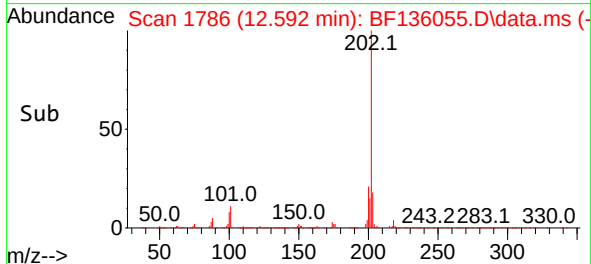
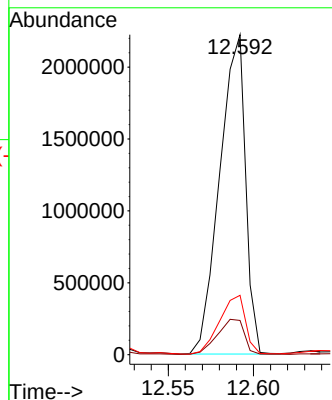
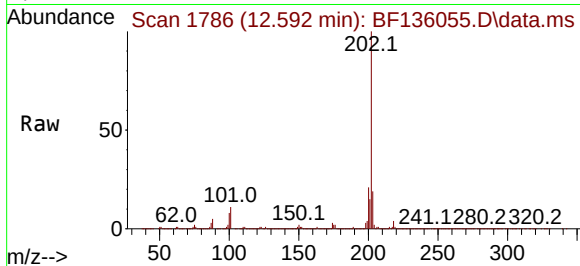




#75
Fluoranthene
Concen: 140.963 ng
RT: 12.592 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

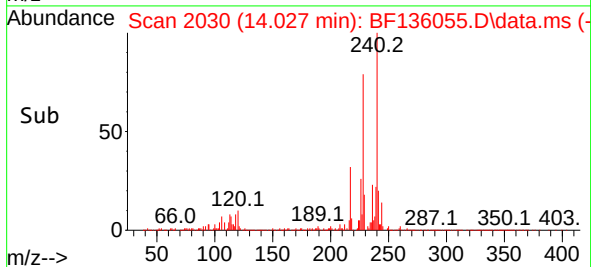
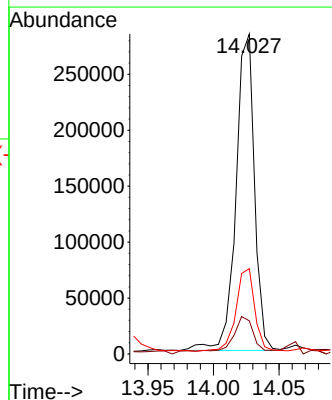
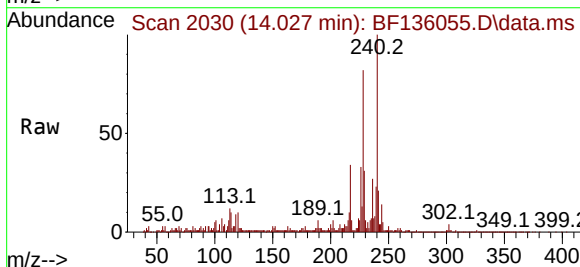
Instrument :
BNA_F
ClientSampleId :
M-2(0-5)

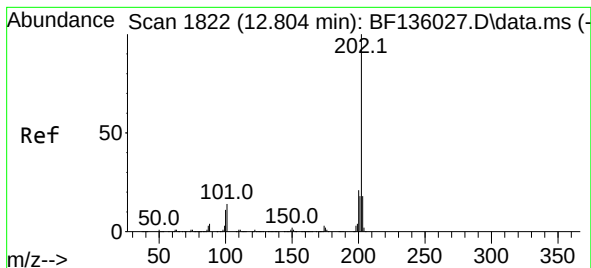
Tgt Ion:202 Resp: 2344475
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.8
203 18.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF136055.D
Acq: 31 Oct 2023 17:03

Tgt Ion:240 Resp: 278748
Ion Ratio Lower Upper
240 100
120 10.4 7.6 11.4
236 26.6 20.6 31.0





#78

Pyrene

Concen: 126.331 ng

RT: 12.822 min Scan# 1825

Delta R.T. 0.018 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

Instrument :

BNA_F

ClientSampleId :

M-2(0-5)

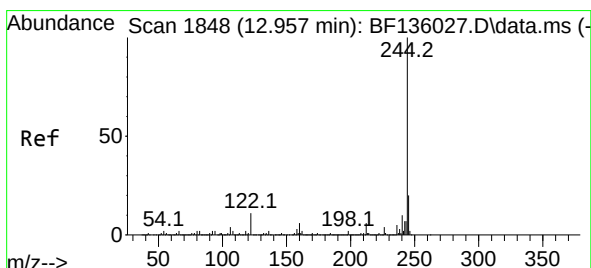
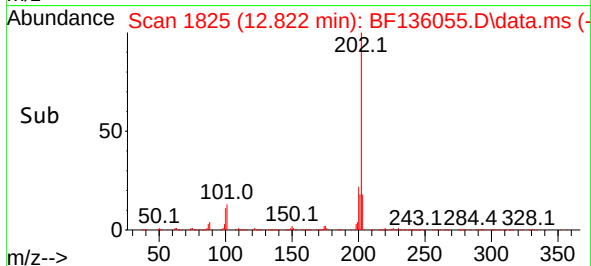
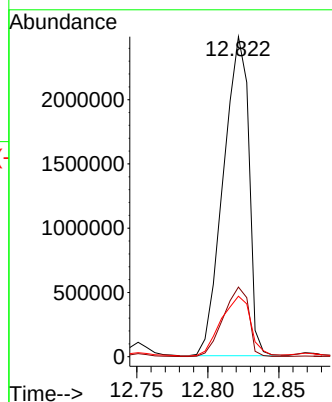
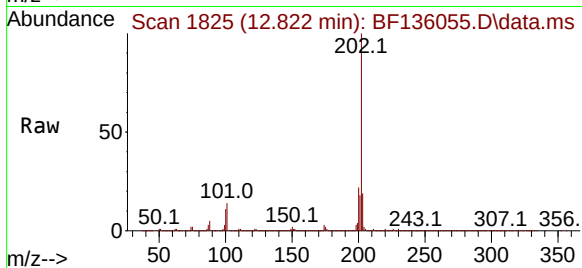
Tgt Ion:202 Resp: 3104676

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

203 18.9 14.4 21.6



#79

Terphenyl-d14

Concen: 22.691 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

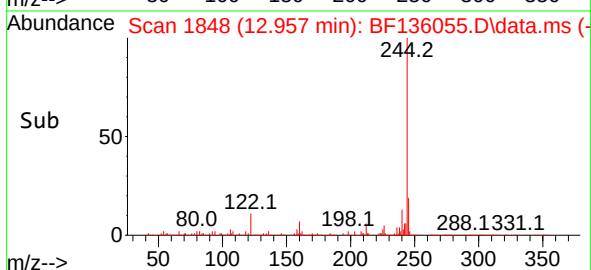
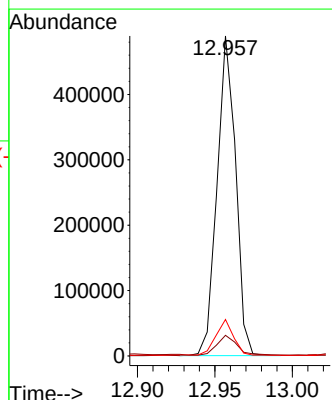
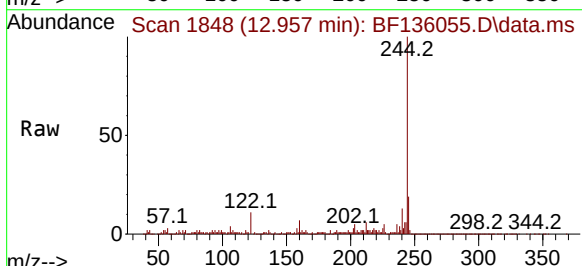
Tgt Ion:244 Resp: 407016

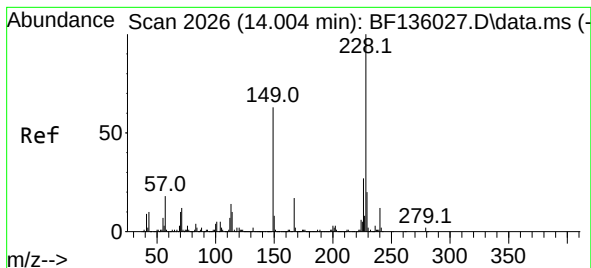
Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.4 8.6 12.8





#81

Benzo(a)anthracene

Concen: 76.499 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.047 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

Instrument :

BNA_F

ClientSampleId :

M-2(0-5)

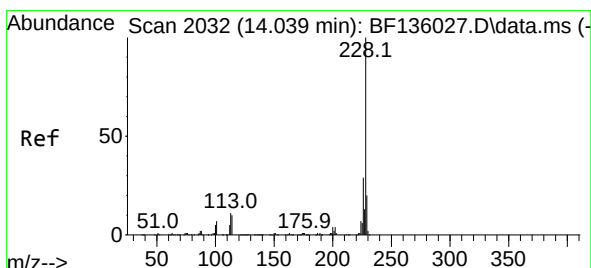
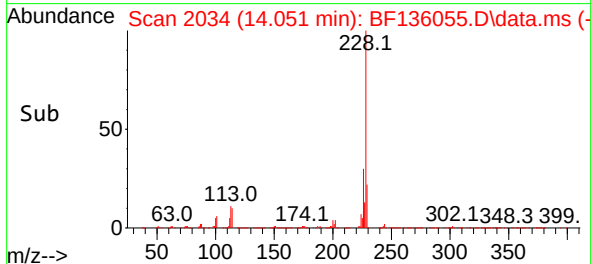
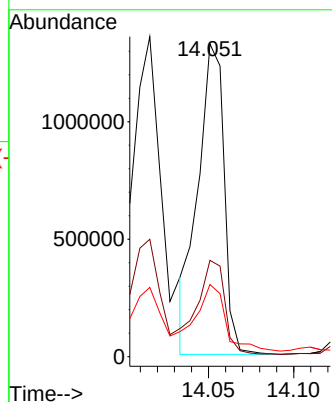
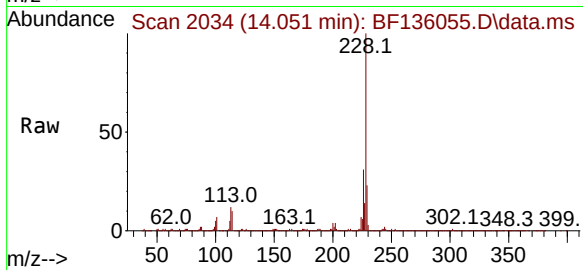
Tgt Ion:228 Resp: 1411708

Ion Ratio Lower Upper

228 100

226 30.8 21.5 32.3

229 23.1 15.8 23.6



#83

Chrysene

Concen: 77.678 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.012 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

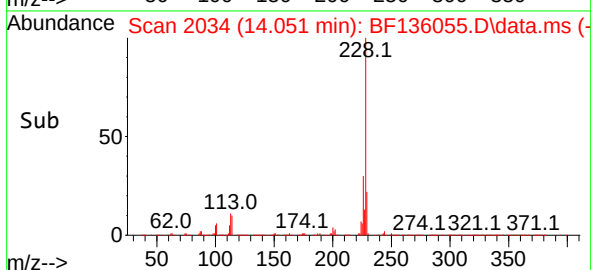
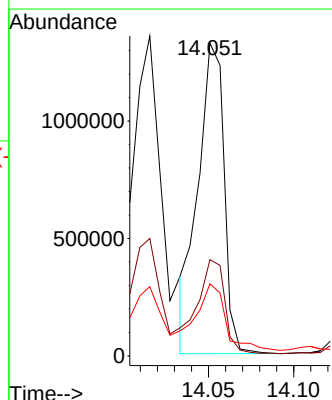
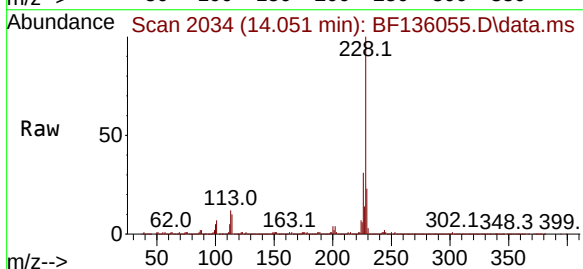
Tgt Ion:228 Resp: 1411708

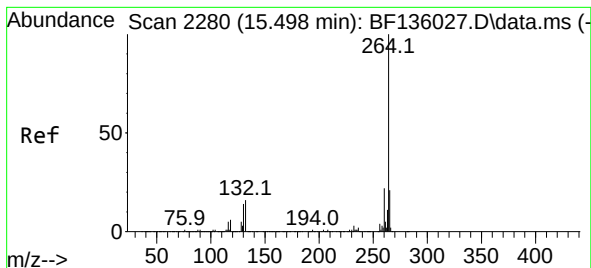
Ion Ratio Lower Upper

228 100

226 30.8 23.5 35.3

229 23.1 16.0 24.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

Instrument :

BNA_F

ClientSampleId :

M-2(0-5)

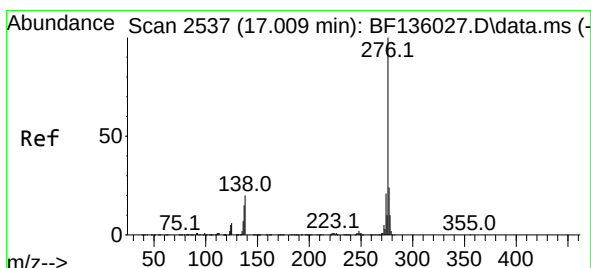
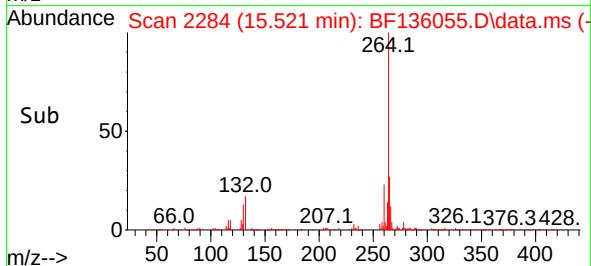
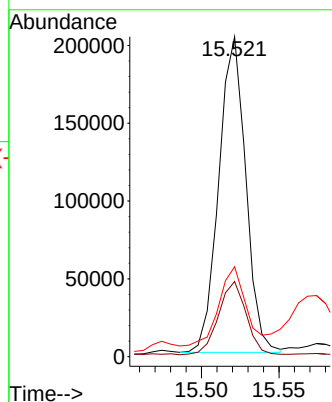
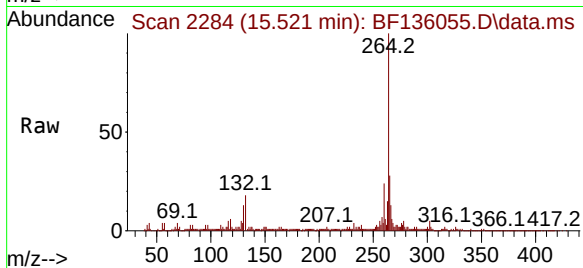
Tgt Ion:264 Resp: 245253

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 28.1 16.8 25.2#



#87

Indeno(1,2,3-cd)pyrene

Concen: 31.093 ng

RT: 17.045 min Scan# 2543

Delta R.T. 0.035 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

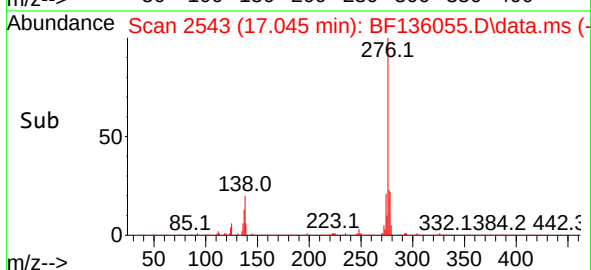
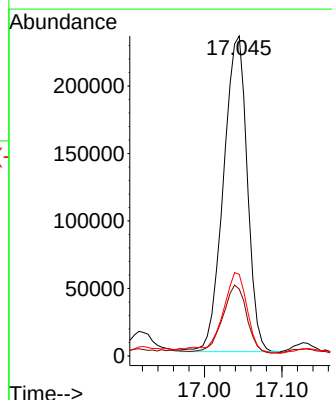
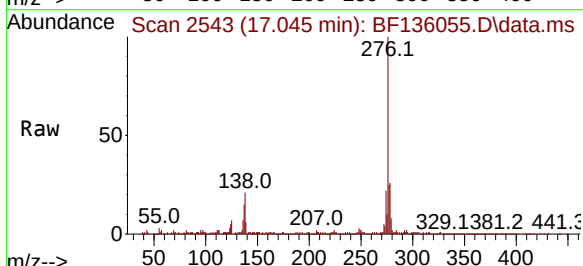
Tgt Ion:276 Resp: 498386

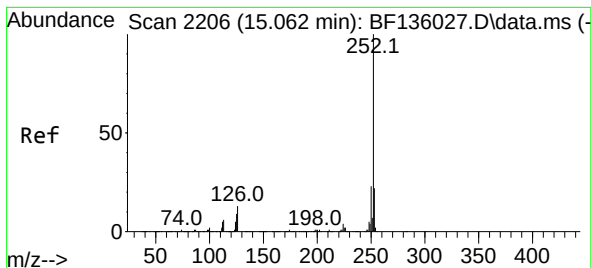
Ion Ratio Lower Upper

276 100

138 22.0 20.4 30.6

277 25.5 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 116.849 ng

RT: 15.086 min Scan# 2210

Delta R.T. 0.024 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

Instrument :

BNA_F

ClientSampleId :

M-2(0-5)

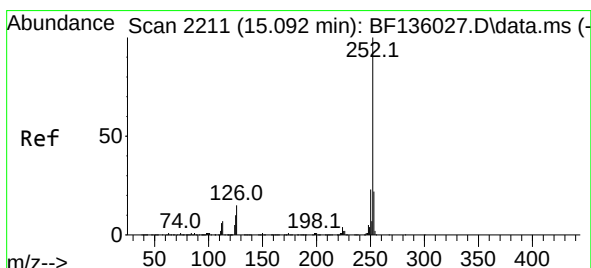
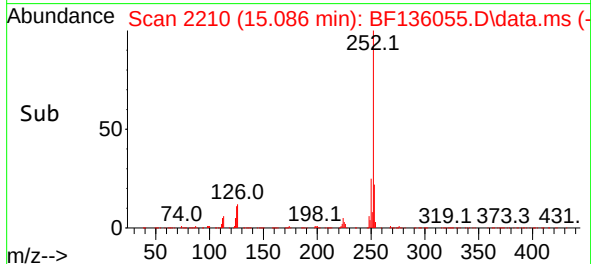
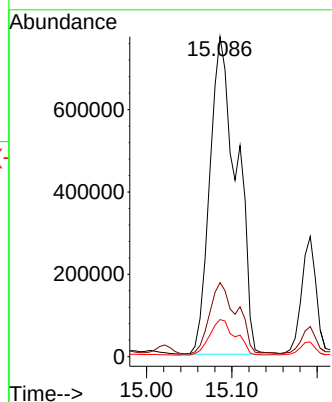
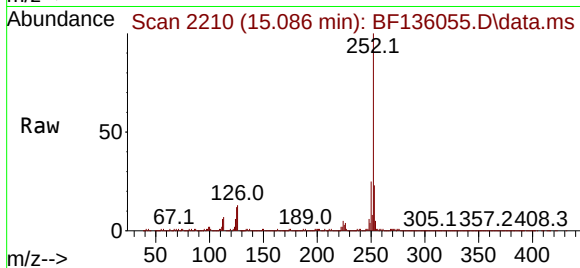
Tgt Ion:252 Resp: 1695719

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 11.6 7.5 11.3#



#89

Benzo(k)fluoranthene

Concen: 118.095 ng

RT: 15.086 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

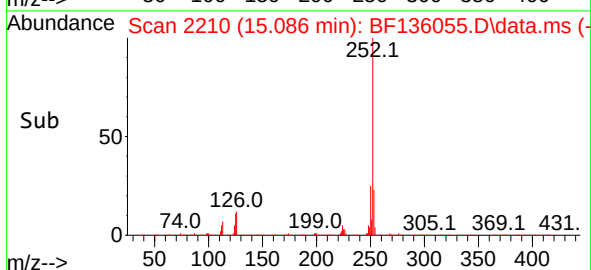
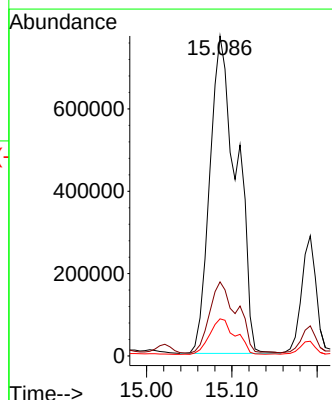
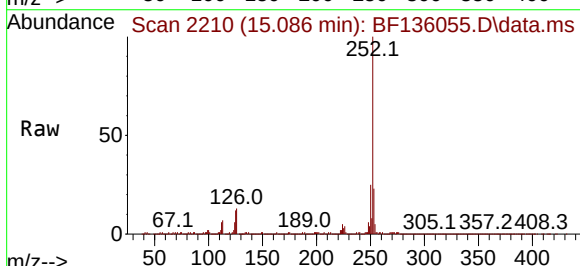
Tgt Ion:252 Resp: 1695719

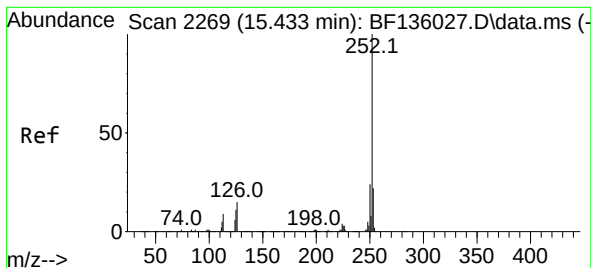
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

125 11.6 8.0 12.0





#90

Benzo(a)pyrene

Concen: 84.483 ng

RT: 15.463 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

Instrument :

BNA_F

ClientSampleId :

M-2(0-5)

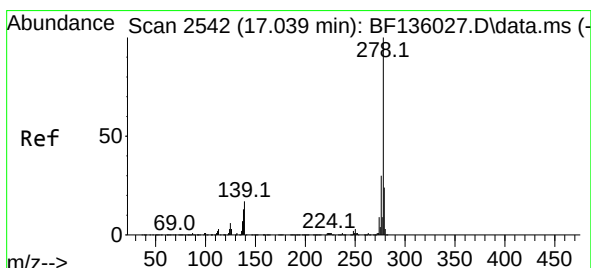
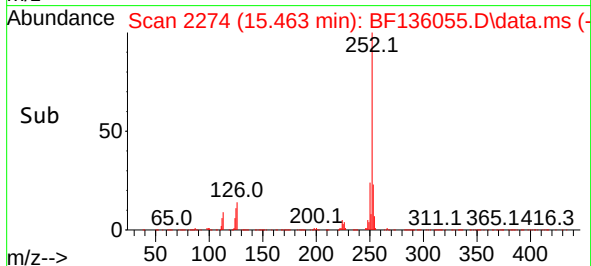
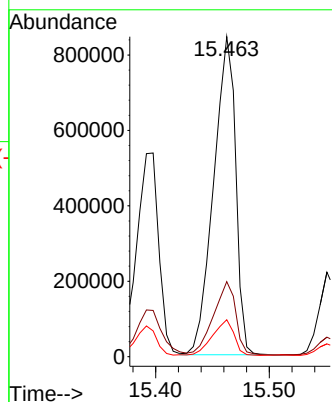
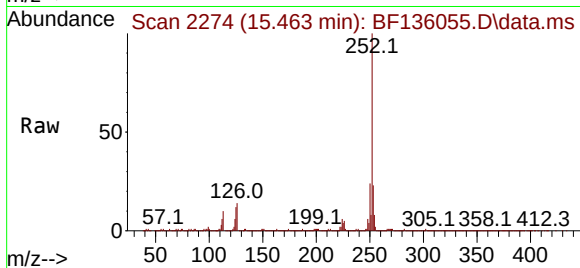
Tgt Ion:252 Resp: 1139165

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

125 11.5 9.0 13.6



#91

Dibenzo(a,h)anthracene

Concen: 11.210 ng

RT: 17.051 min Scan# 2544

Delta R.T. 0.012 min

Lab File: BF136055.D

Acq: 31 Oct 2023 17:03

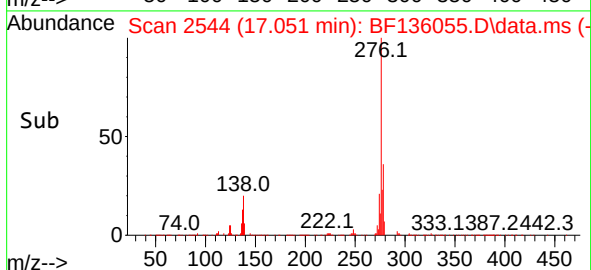
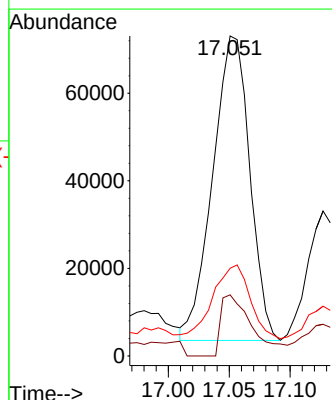
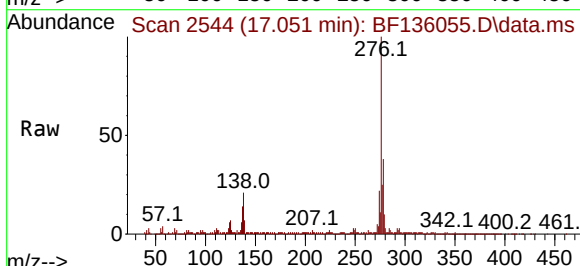
Tgt Ion:278 Resp: 147181

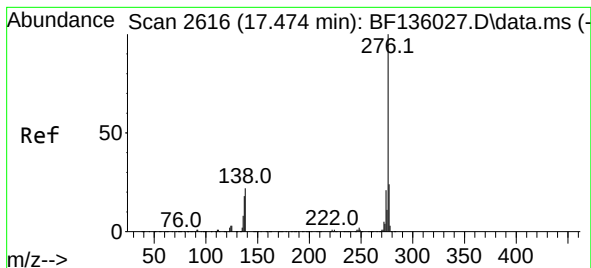
Ion Ratio Lower Upper

278 100

139 19.1 13.7 20.5

279 27.4 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 35.203 ng

RT: 17.509 min Scan# 2

Delta R.T. 0.035 min

Lab File: BF136055.D

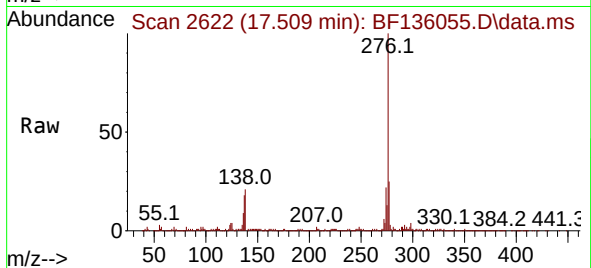
Acq: 31 Oct 2023 17:03

Instrument :

BNA_F

ClientSampleId :

M-2(0-5)



Tgt Ion:276 Resp: 513953

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.4

138 21.3 17.4 26.2

