

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135218.D
 Acq On : 13 Sep 2023 11:23
 Operator : CG\JU
 Sample : 04299-08 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Sep 13 12:10:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	103061	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	296564	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	141857	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	209846	20.000	ng	0.00
76) Chrysene-d12	13.974	240	146927	20.000	ng	0.03
86) Perylene-d12	15.439	264	160130	20.000	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	72862	11.499	ng	0.00
7) Phenol-d6	6.398	99	92592	11.492	ng	0.00
23) Nitrobenzene-d5	7.328	82	51714	9.474	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	11843	8.401	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	94769	10.079	ng	0.00
79) Terphenyl-d14	12.904	244	74258	7.835	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.322	77	52048	11.339	ng	# 1
18) Hexachloroethane	7.251	117	5222	2.021	ng	# 1
22) Acetophenone	7.157	105	21301	3.142	ng	# 50
24) Nitrobenzene	7.375	77	15268	2.830	ng	# 2
31) Naphthalene	8.098	128	8143522	565.163	ng	97
33) 4-Chloroaniline	8.098	127	1158018	183.175	ng	# 34
35) Caprolactam	8.475	113	3268	2.414	ng	# 74
37) 2-Methylnaphthalene	8.786	142	3616680	373.401	ng	100
38) 1-Methylnaphthalene	8.886	142	2894260	319.166	ng	97
46) 1,1'-Biphenyl	9.227	154	667177	61.200	ng	98
48) 2-Nitroaniline	9.322	65	21428	6.973	ng	# 30
49) Acenaphthylene	9.675	152	964966	73.408	ng	# 93
51) 2,6-Dinitrotoluene	9.504	165	16047	7.638	ng	# 1
52) Acenaphthene	9.845	154	1015263	130.740	ng	98
54) 2,4-Dinitrophenol	9.863	184	1505	7.411	ng	# 1
55) Dibenzofuran	10.010	168	251452	21.219	ng	# 61
56) 4-Nitrophenol	9.910	139	28836	18.397	ng	# 27
57) 2,4-Dinitrotoluene	10.010	165	22238	8.454	ng	# 44
58) Fluorene	10.539	166	258391	28.364	ng	95
63) Azobenzene	10.510	77	24559	2.607	ng	# 1
66) n-Nitrosodiphenylamine	10.469	169	97310	15.317	ng	# 11
71) Phenanthrene	11.351	178	4662012	469.733	ng	97
72) Anthracene	11.386	178	1285928	126.051	ng	99
73) Carbazole	11.539	167	71568	7.706	ng	# 83
75) Fluoranthene	12.545	202	2871461	277.662	ng	97
78) Pyrene	12.786	202	4447508	317.939	ng	96
81) Benzo(a)anthracene	13.968	228	1987521	209.489	ng	# 88
83) Chrysene	14.009	228	1803253	191.170	ng	93
84) Bis(2-ethylhexyl)phtha...	13.945	149	21427	4.240	ng	# 85
87) Indeno(1,2,3-cd)pyrene	16.927	276	481514	45.862	ng	96
88) Benzo(b)fluoranthene	15.015	252	1511902	174.415	ng	# 94
89) Benzo(k)fluoranthene	15.015	252	1511902	176.565	ng	# 94
90) Benzo(a)pyrene	15.386	252	1236655	149.599	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	146052	17.001	ng	94
92) Benzo(g,h,i)perylene	17.386	276	610740	68.074	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF0911223\
Data File : BF135218.D
Acq On : 13 Sep 2023 11:23
Operator : CG\JU
Sample : 04299-08 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Quant Time: Sep 13 12:10:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

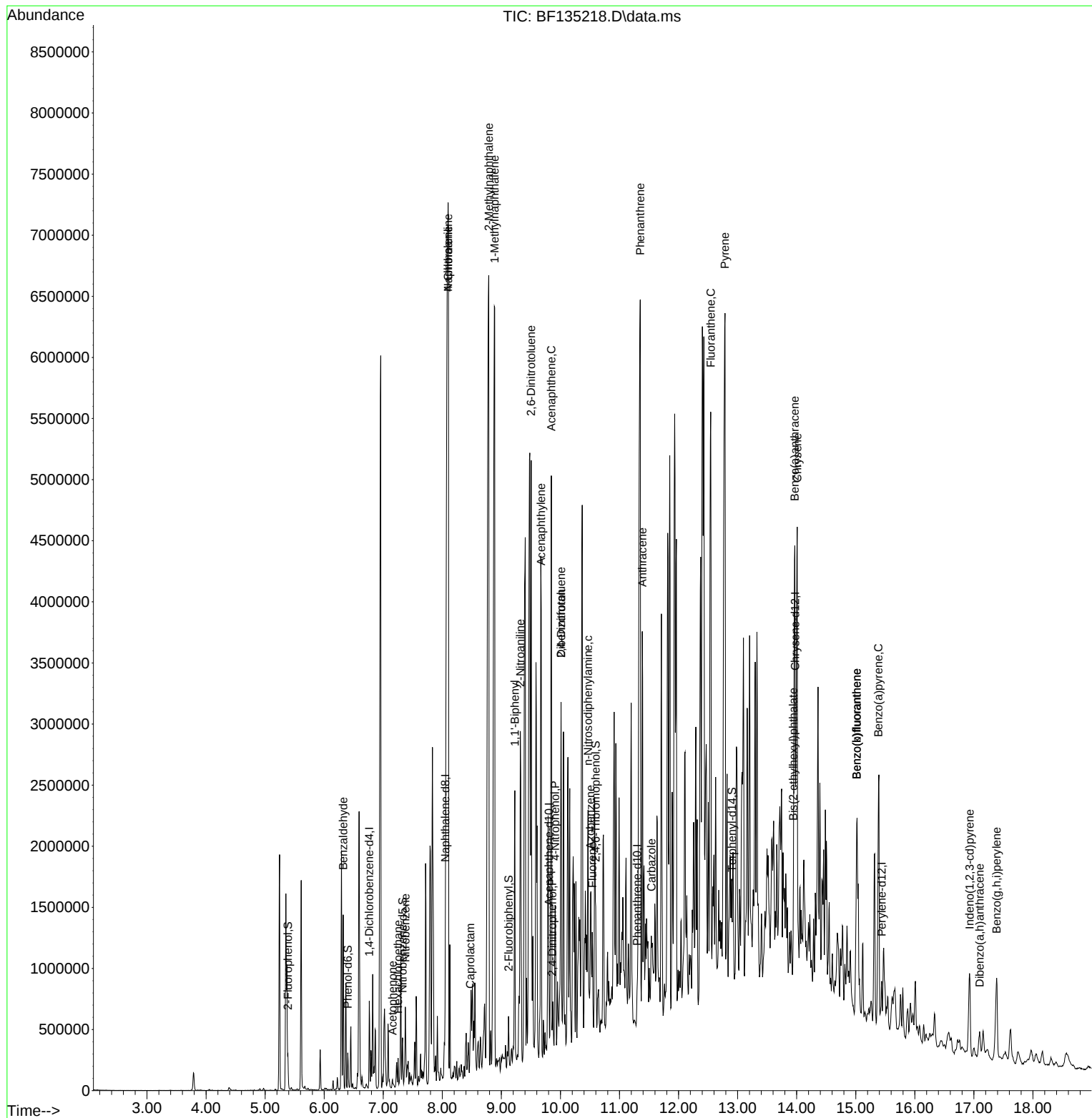
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135218.D
Acq On : 13 Sep 2023 11:23
Operator : CG\JU
Sample : 04299-08 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Quant Time: Sep 13 12:10:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

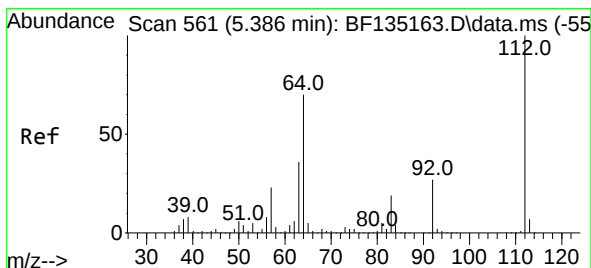
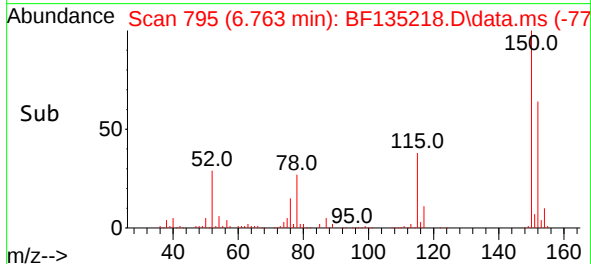
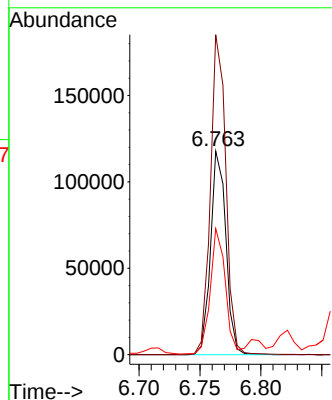
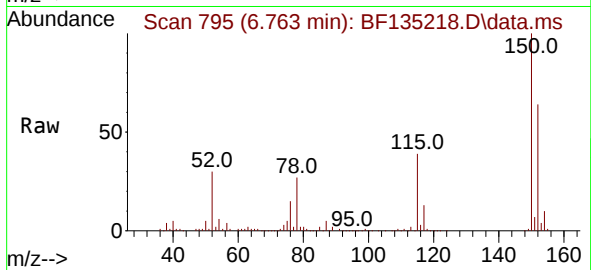




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF135218.D
 Acq: 13 Sep 2023 11:23

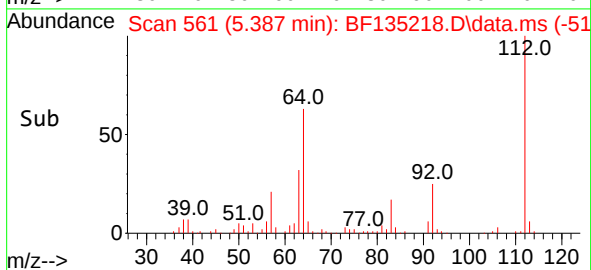
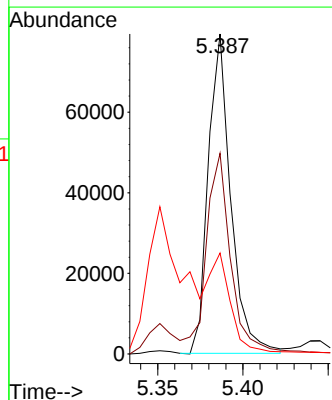
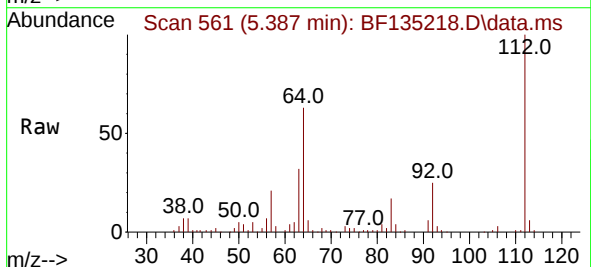
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

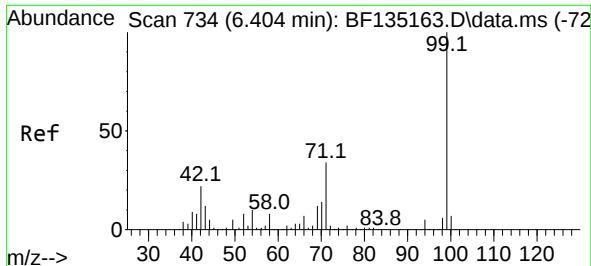
Tgt Ion:152 Resp: 103061
 Ion Ratio Lower Upper
 152 100
 150 157.2 127.8 191.6
 115 61.9 49.8 74.8



#5
 2-Fluorophenol
 Concen: 11.499 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.000 min
 Lab File: BF135218.D
 Acq: 13 Sep 2023 11:23

Tgt Ion:112 Resp: 72862
 Ion Ratio Lower Upper
 112 100
 64 62.7 55.9 83.9
 63 31.6 29.0 43.6

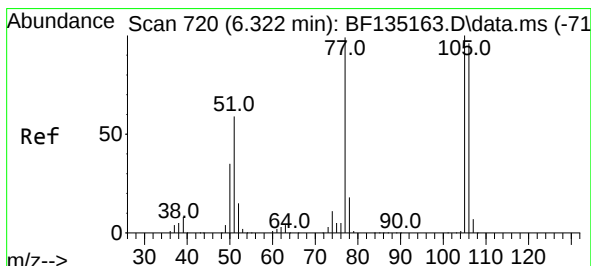
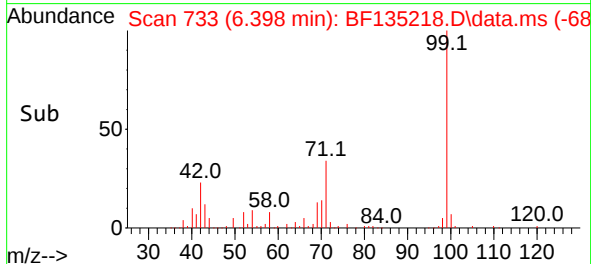
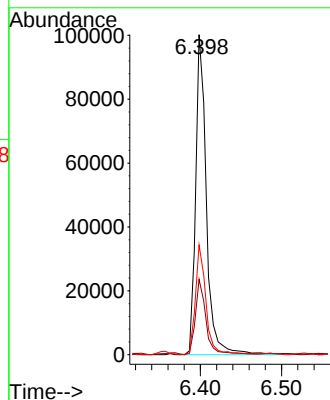
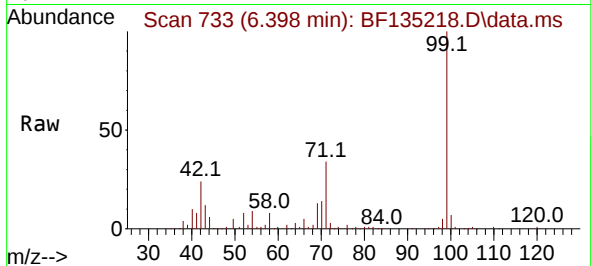




#7
Phenol-d6
Concen: 11.492 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

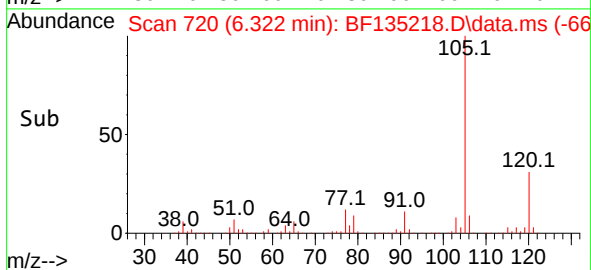
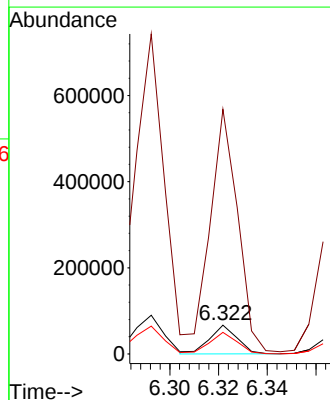
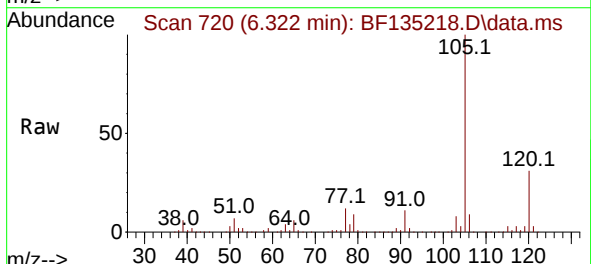
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

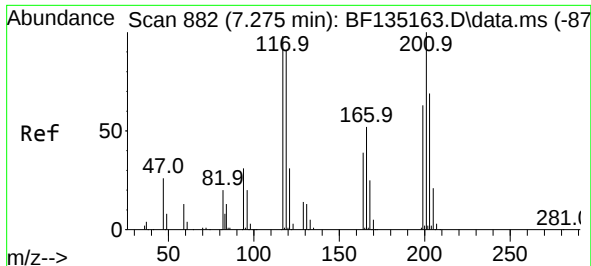
Tgt Ion: 99 Resp: 92592
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 34.3 27.0 40.6



#9
Benzaldehyde
Concen: 11.339 ng
RT: 6.322 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

Tgt Ion: 77 Resp: 52048
Ion Ratio Lower Upper
77 100
105 850.7 81.4 121.4#
106 75.0 76.9 116.9#

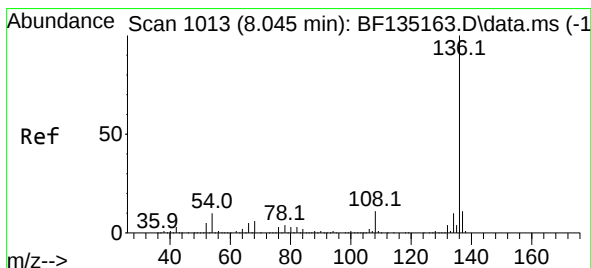
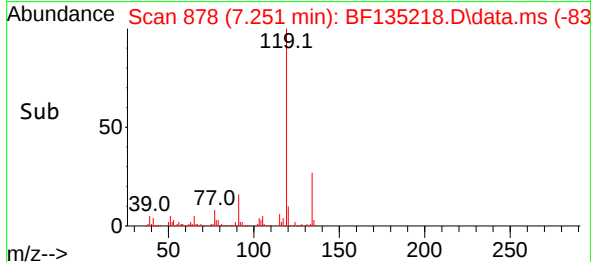
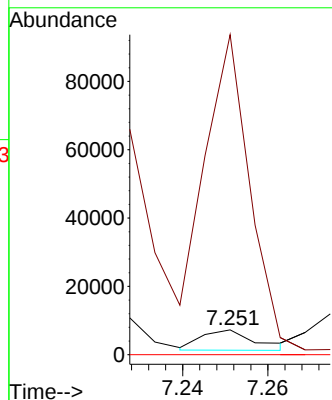
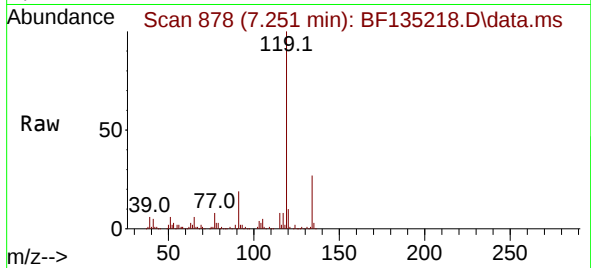




#18
Hexachloroethane
Concen: 2.021 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

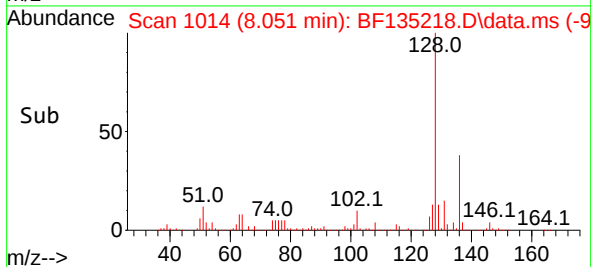
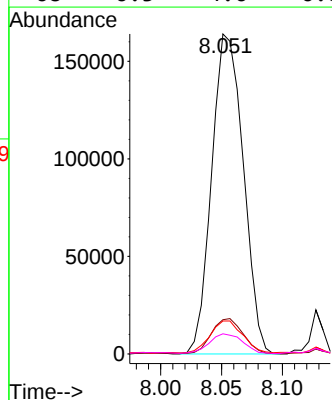
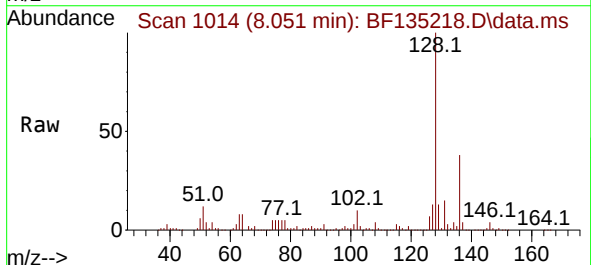
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

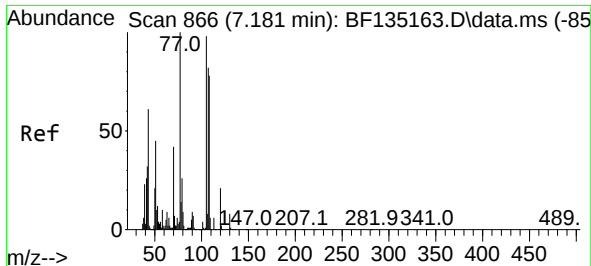
Tgt Ion:117 Resp: 5222
Ion Ratio Lower Upper
117 100
119 1286.7 74.7 112.1#
201 0.0 81.8 122.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

Tgt Ion:136 Resp: 296564
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.3 7.7 11.5
68 6.3 4.6 6.8

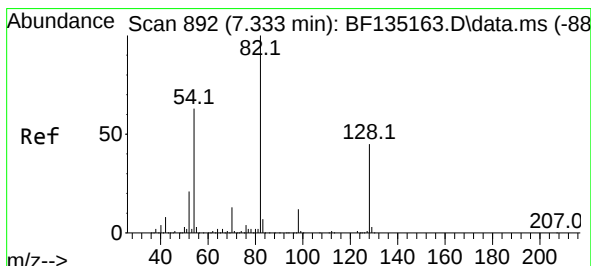
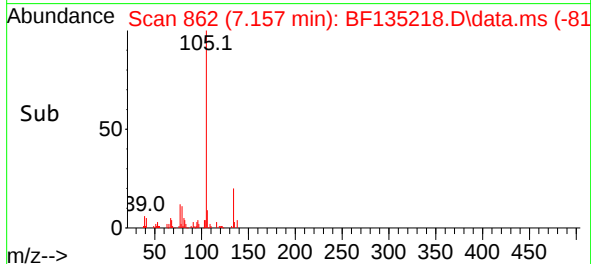
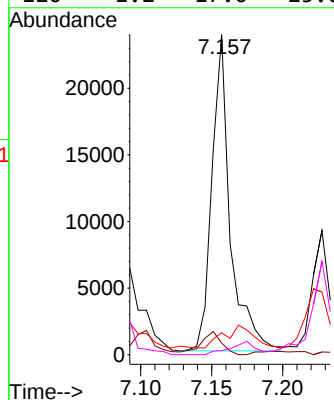
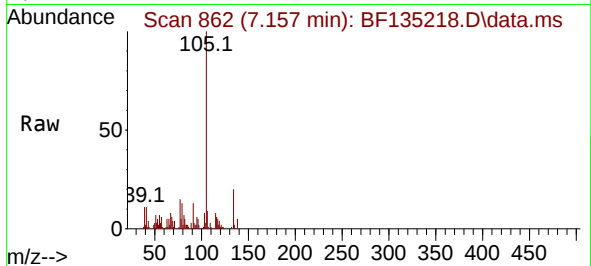




#22
Acetophenone
Concen: 3.142 ng
RT: 7.157 min Scan# 810
Delta R.T. -0.023 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

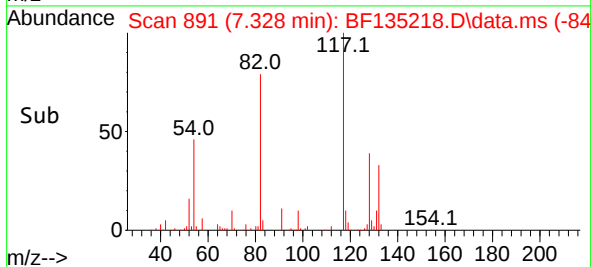
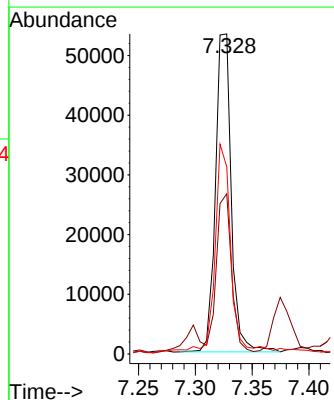
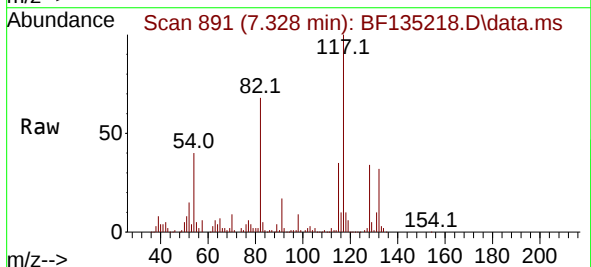
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

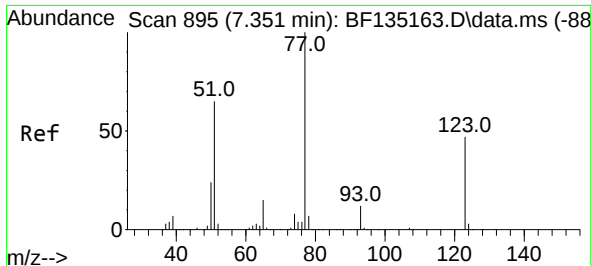
Tgt Ion: 105 Resp: 21301
Ion Ratio Lower Upper
105 100
71 3.6 5.8 8.6#
51 6.9 37.0 55.4#
120 1.2 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 9.474 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

Tgt Ion: 82 Resp: 51714
Ion Ratio Lower Upper
82 100
128 50.1 35.8 53.6
54 58.5 50.6 76.0

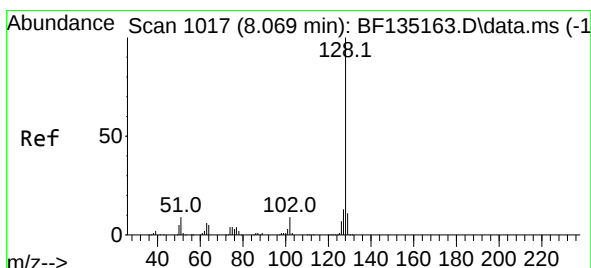
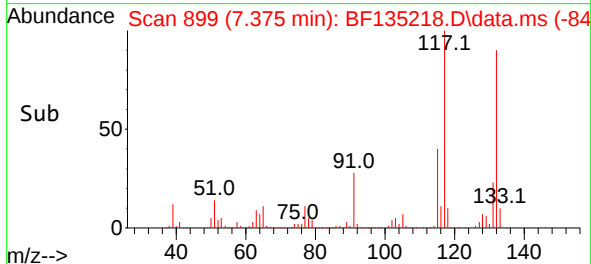
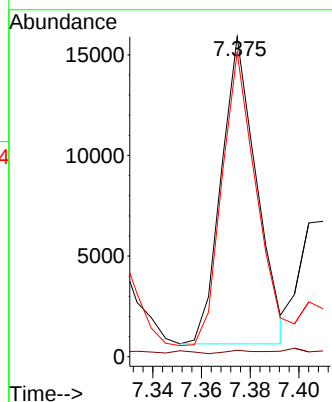
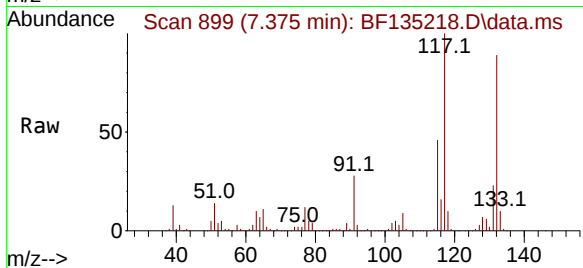




#24
Nitrobenzene
Concen: 2.830 ng
RT: 7.375 min Scan# 895
Delta R.T. 0.024 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

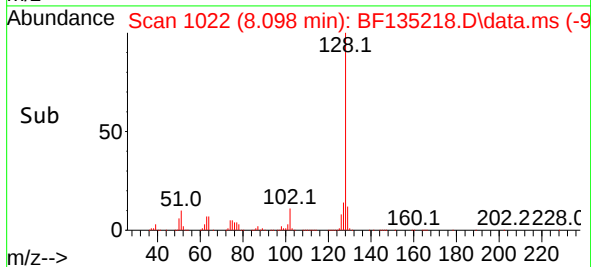
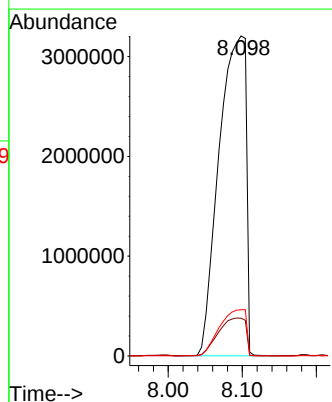
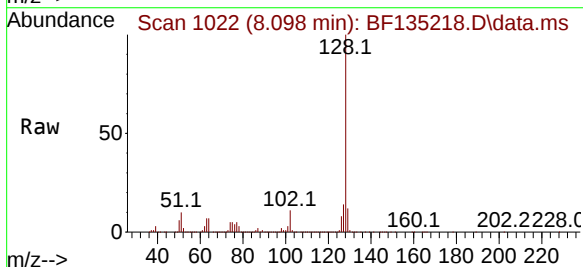
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

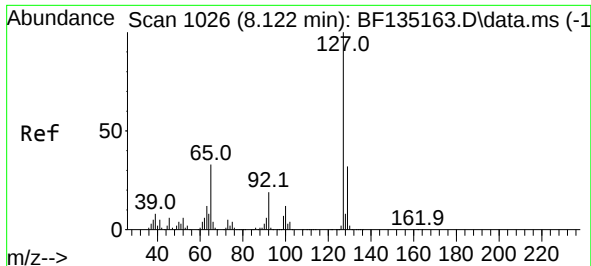
Tgt Ion: 77 Resp: 15268
Ion Ratio Lower Upper
77 100
123 2.0 37.6 56.4#
65 95.2 12.2 18.4#



#31
Naphthalene
Concen: 565.163 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.029 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

Tgt Ion: 128 Resp: 8143522
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 14.5 10.7 16.1

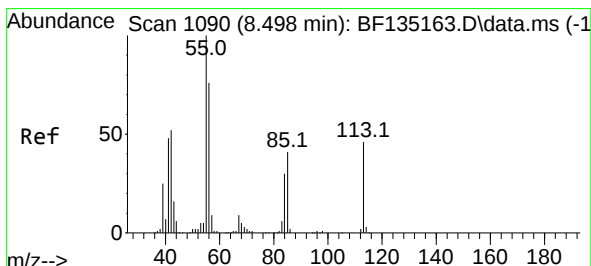
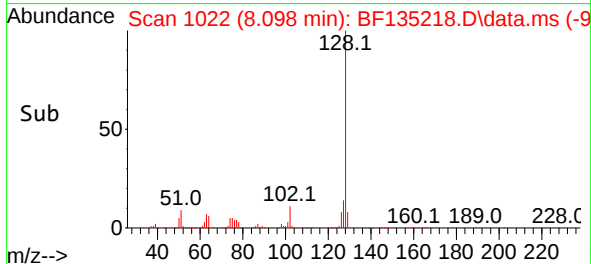
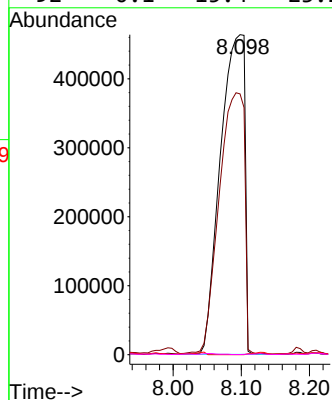
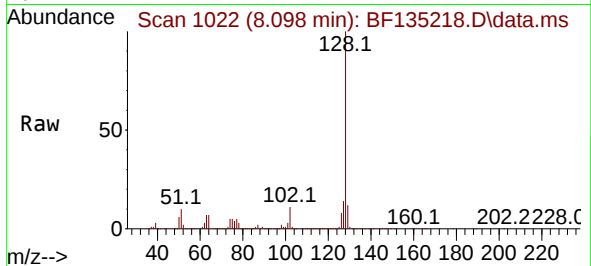




#33
4-Chloroaniline
Concen: 183.175 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.023 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

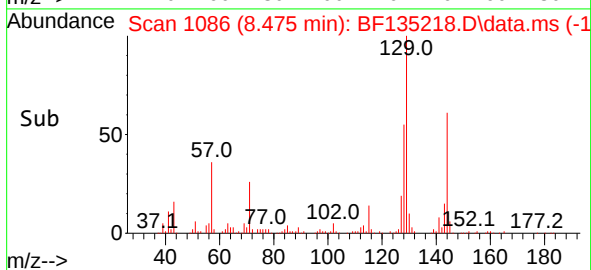
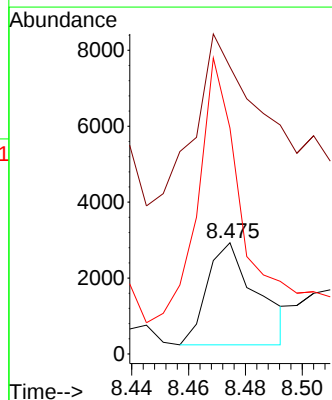
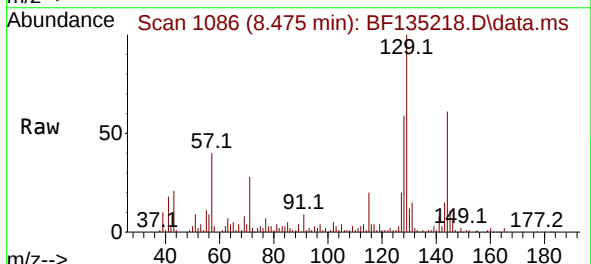
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

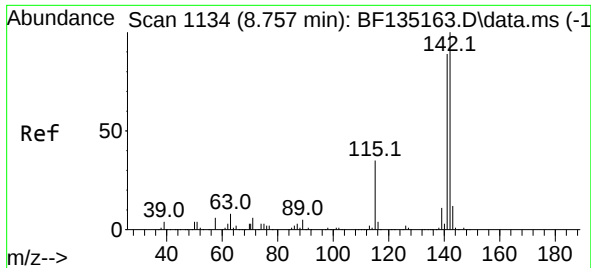
Tgt Ion:127 Resp: 1158018
Ion Ratio Lower Upper
127 100
129 81.5 25.8 38.8#
65 0.0 26.6 39.8#
92 0.1 15.4 23.2#



#35
Caprolactam
Concen: 2.414 ng
RT: 8.475 min Scan# 1086
Delta R.T. -0.024 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

Tgt Ion:113 Resp: 3268
Ion Ratio Lower Upper
113 100
55 258.2 199.3 239.3#
56 203.2 146.3 186.3#





#37

2-Methylnaphthalene

Concen: 373.401 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.029 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

Instrument :

BNA_F

ClientSampleId :

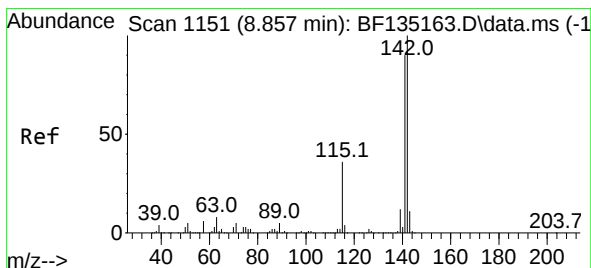
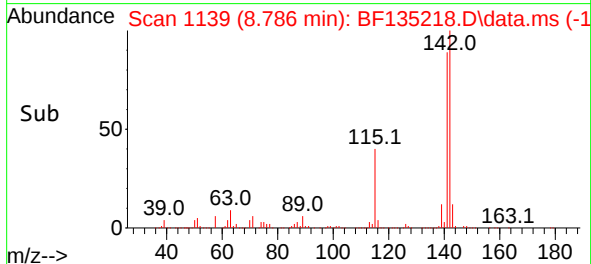
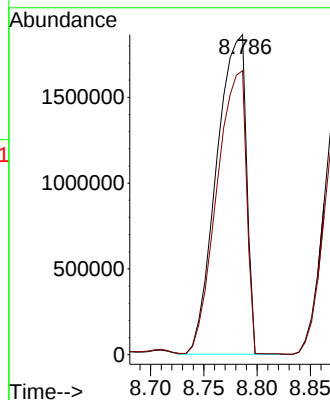
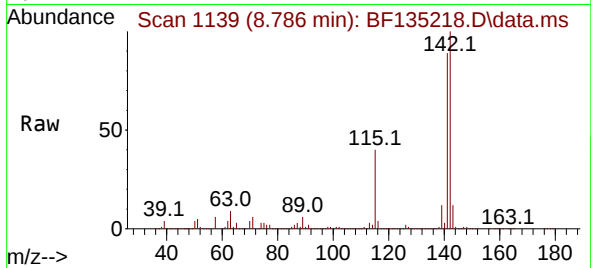
SB-04-COMP

Tgt Ion:142 Resp: 3616680

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 319.166 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.029 min

Lab File: BF135218.D

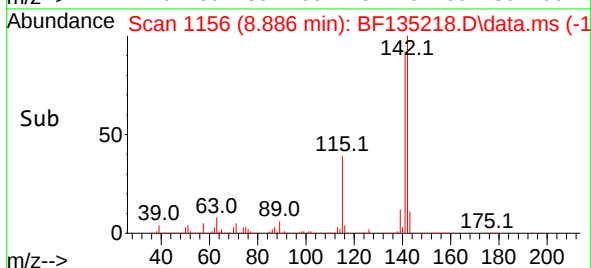
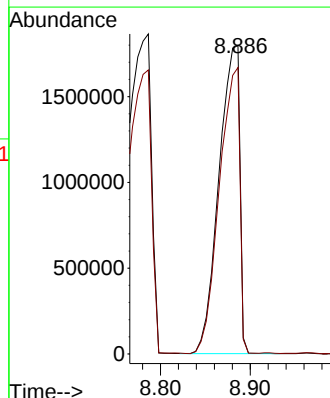
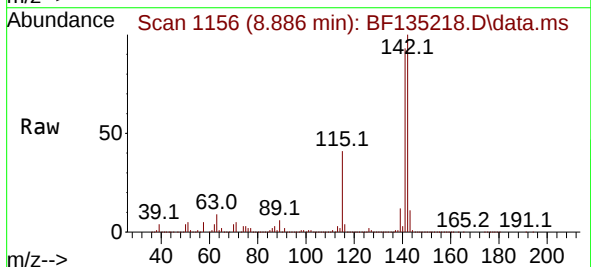
Acq: 13 Sep 2023 11:23

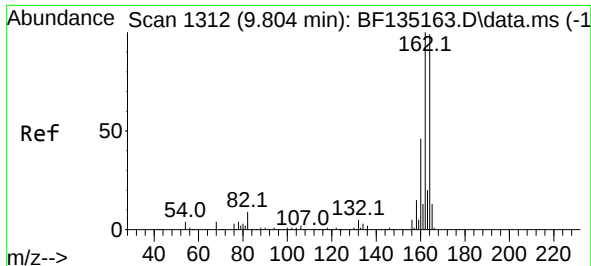
Tgt Ion:142 Resp: 2894260

Ion Ratio Lower Upper

142 100

141 92.9 72.4 108.6

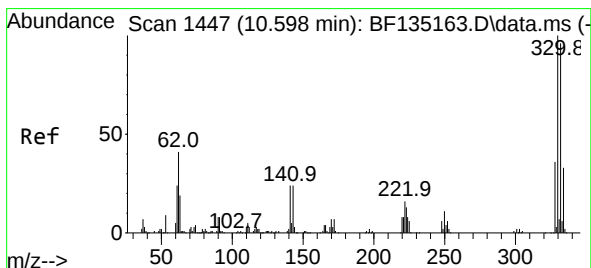
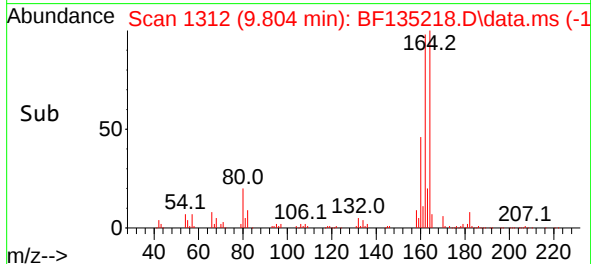
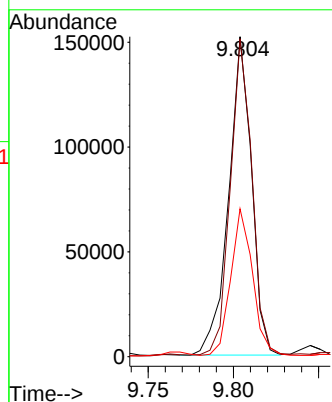
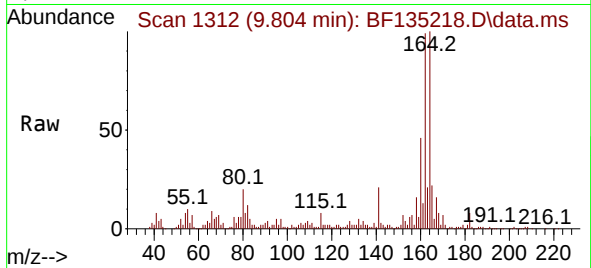




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

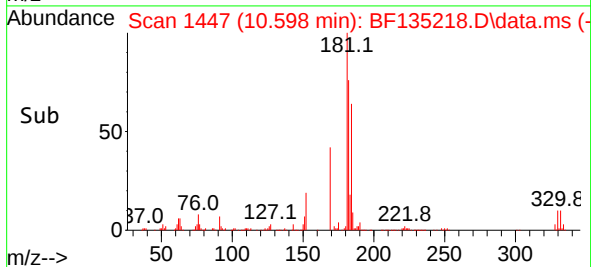
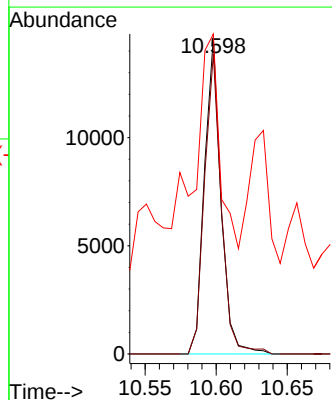
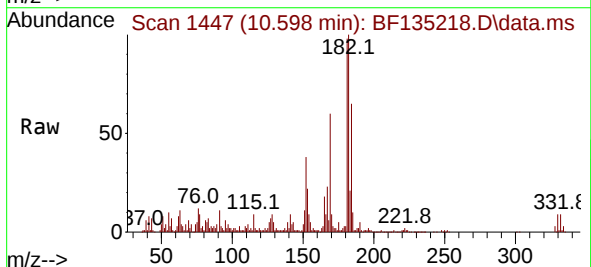
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

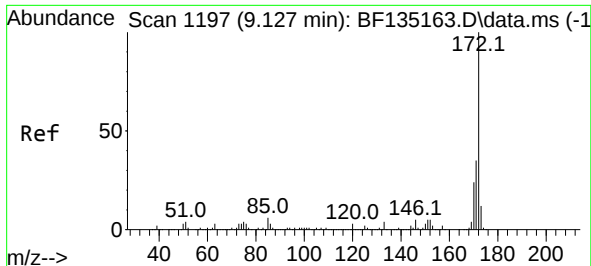
Tgt Ion:164 Resp: 141857
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.4
160 46.2 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 8.401 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

Tgt Ion:330 Resp: 11843
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 94.4 25.8 38.8#





#45

2-Fluorobiphenyl

Concen: 10.079 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

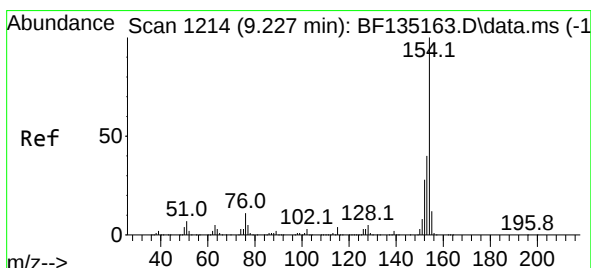
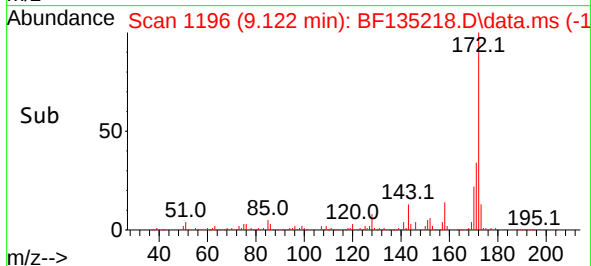
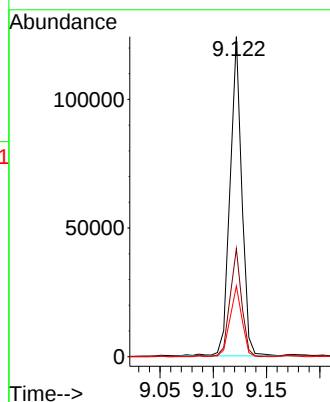
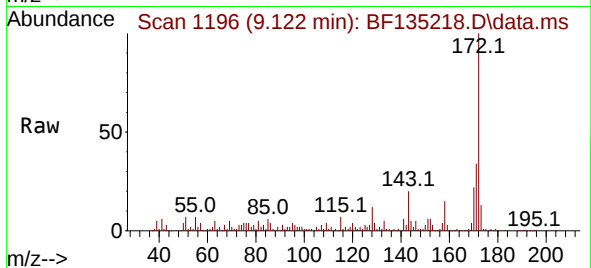
Tgt Ion:172 Resp: 94769

Ion Ratio Lower Upper

172 100

171 33.7 28.4 42.6

170 22.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 61.200 ng

RT: 9.227 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

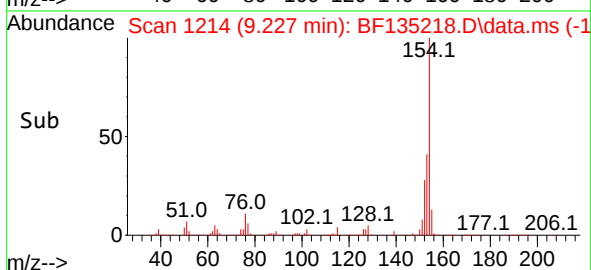
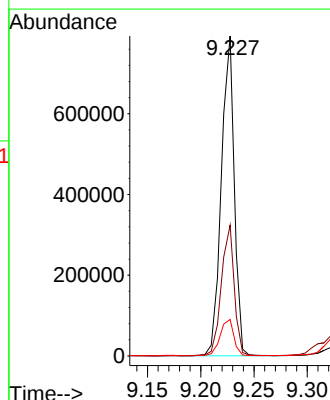
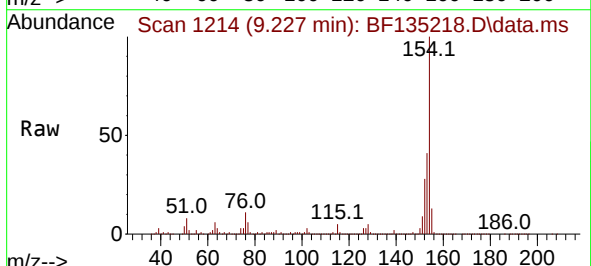
Tgt Ion:154 Resp: 667177

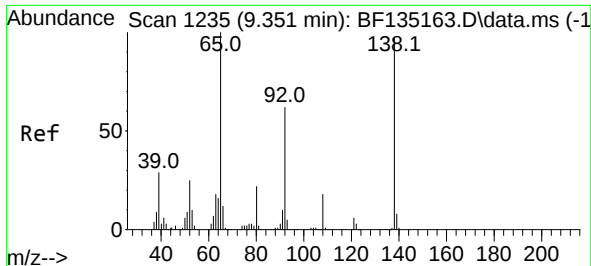
Ion Ratio Lower Upper

154 100

153 40.9 19.6 59.6

76 11.4 0.0 31.0

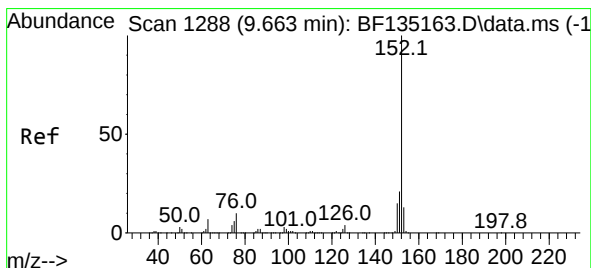
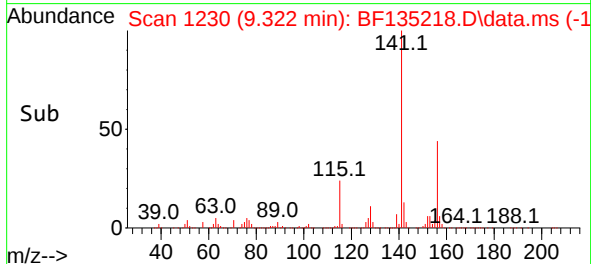
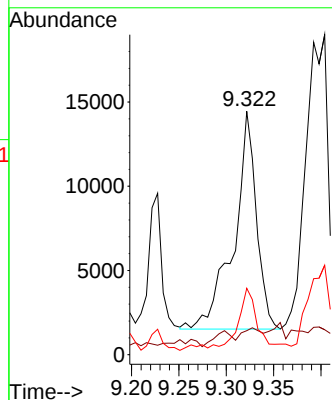
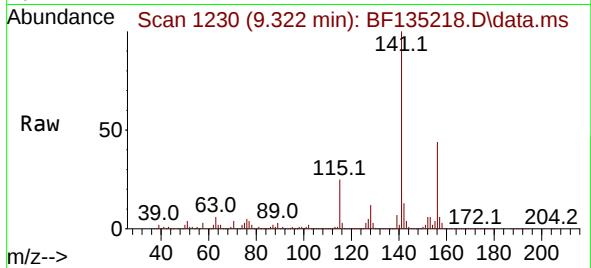




#48
2-Nitroaniline
Concen: 6.973 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

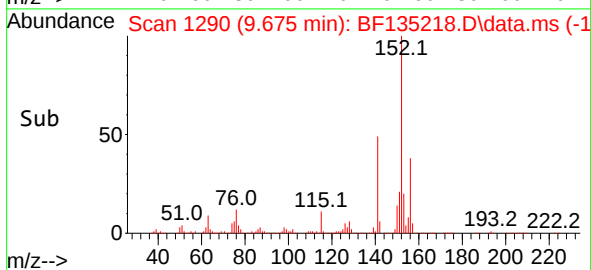
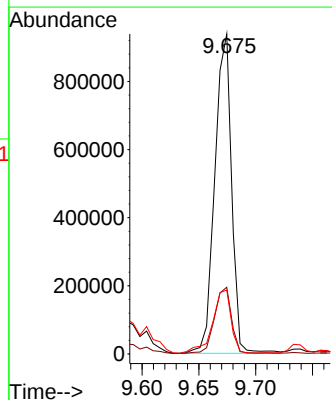
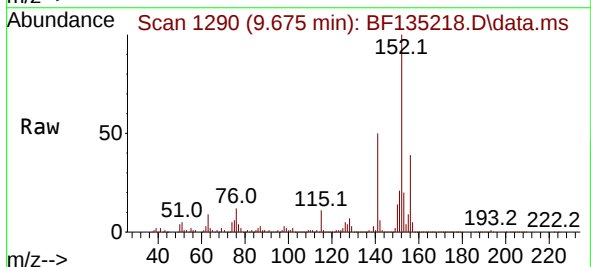
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

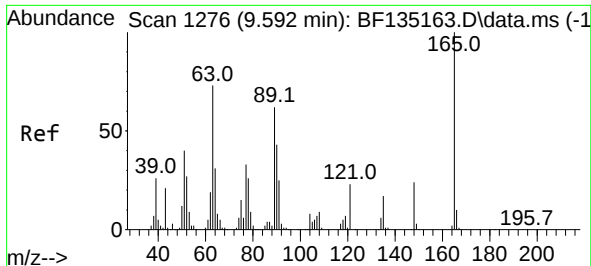
Tgt Ion: 65 Resp: 21428
Ion Ratio Lower Upper
65 100
92 9.9 49.4 74.0#
138 27.3 77.4 116.0#



#49
Acenaphthylene
Concen: 73.408 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.012 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

Tgt Ion: 152 Resp: 964966
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 20.0 10.4 15.6#

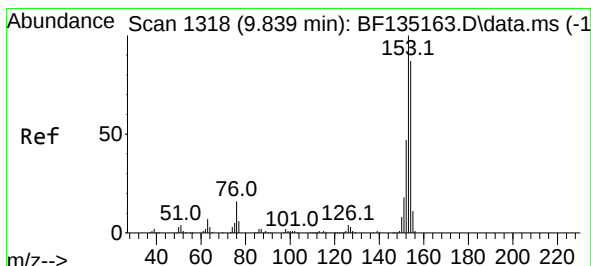
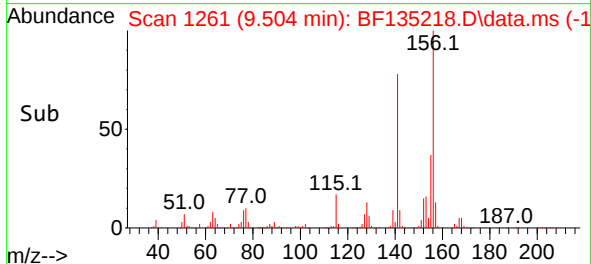
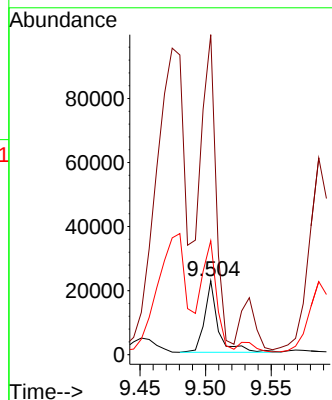
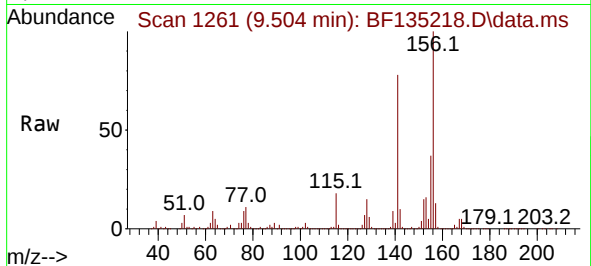




#51
2,6-Dinitrotoluene
Concen: 7.638 ng
RT: 9.504 min Scan# 11
Delta R.T. -0.088 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

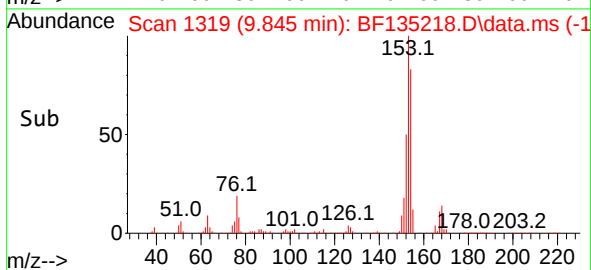
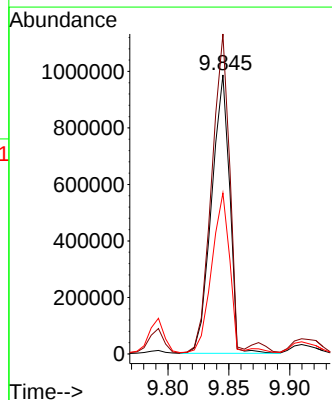
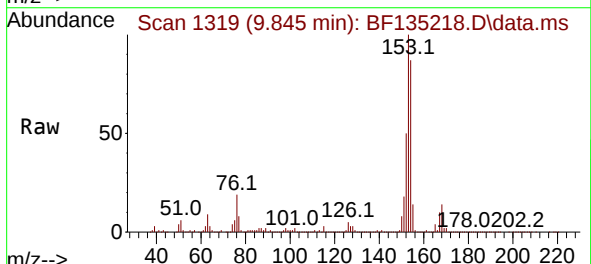
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

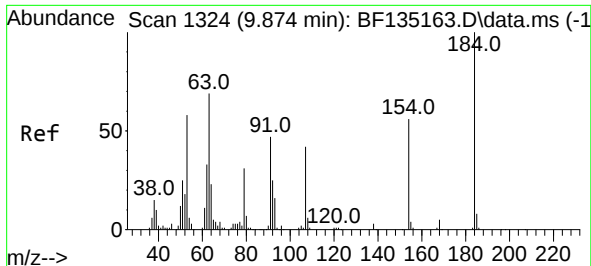
Tgt Ion:165 Resp: 16047
Ion Ratio Lower Upper
165 100
63 433.1 59.4 89.2#
89 154.1 49.8 74.8#



#52
Acenaphthene
Concen: 130.740 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

Tgt Ion:154 Resp: 1015263
Ion Ratio Lower Upper
154 100
153 114.7 92.1 138.1
152 57.7 43.1 64.7

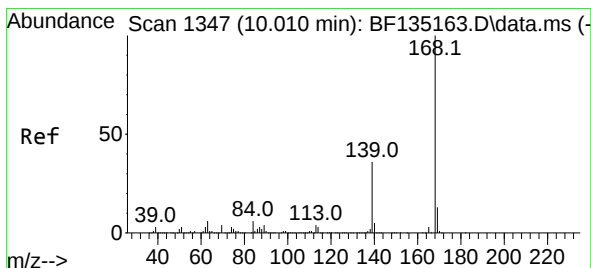
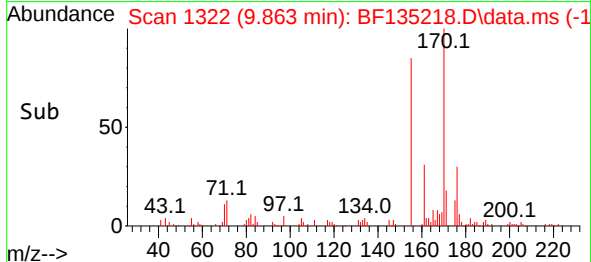
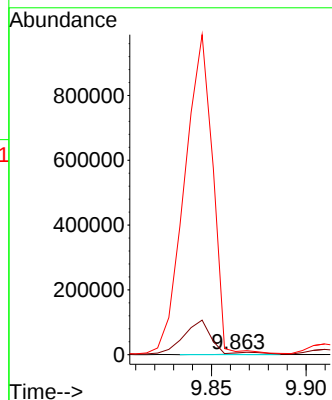
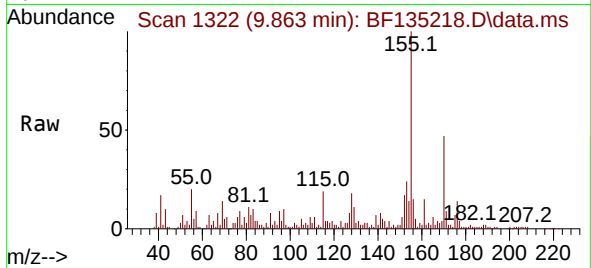




#54
2,4-Dinitrophenol
Concen: 7.411 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

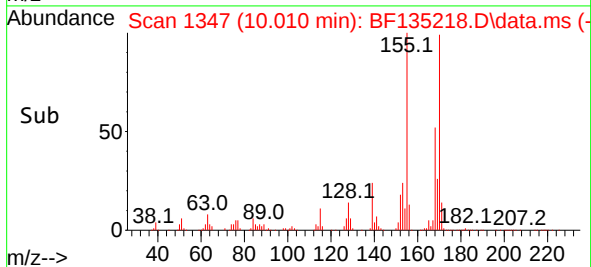
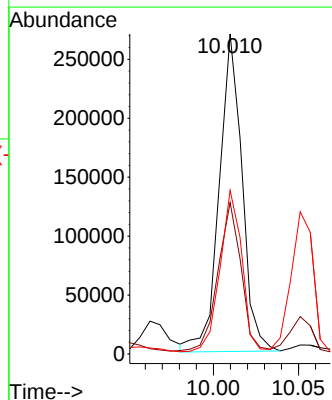
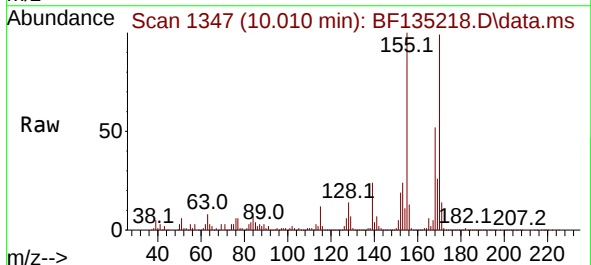
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

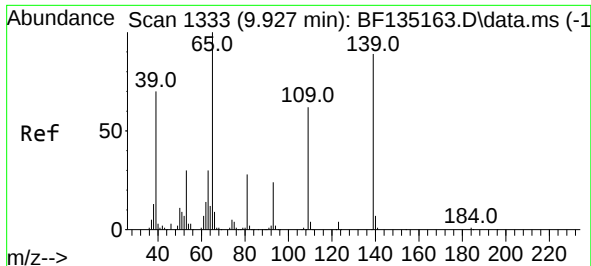
Tgt Ion:184 Resp: 1505
Ion Ratio Lower Upper
184 100
63 530.8 55.1 82.7#
154 1000.6 48.4 72.6#



#55
Dibenzofuran
Concen: 21.219 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

Tgt Ion:168 Resp: 251452
Ion Ratio Lower Upper
168 100
139 47.3 29.0 43.6#
169 51.1 10.4 15.6#

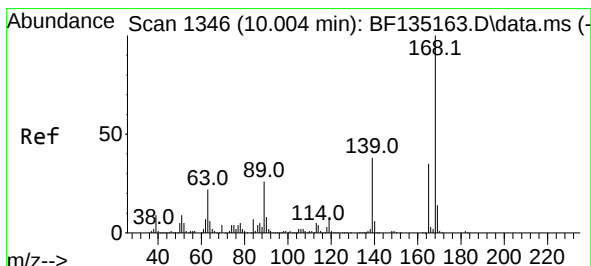
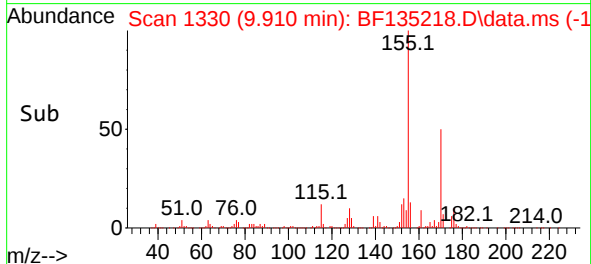
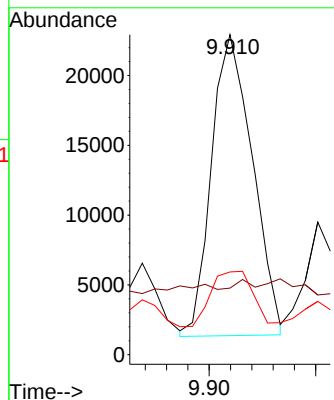
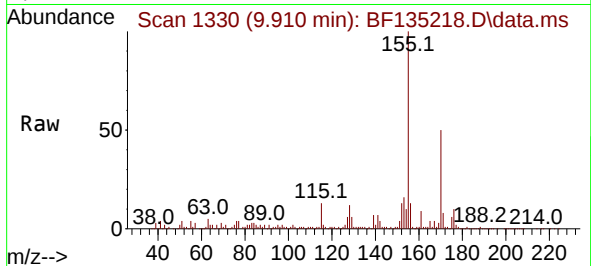




#56
4-Nitrophenol
Concen: 18.397 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.018 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

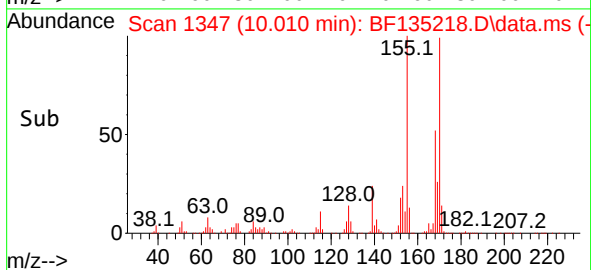
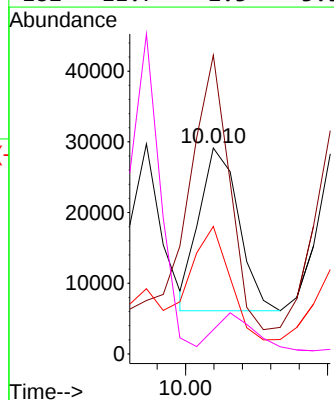
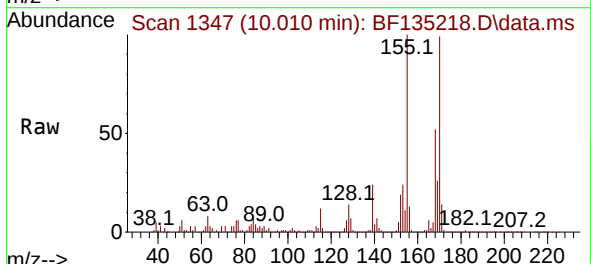
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

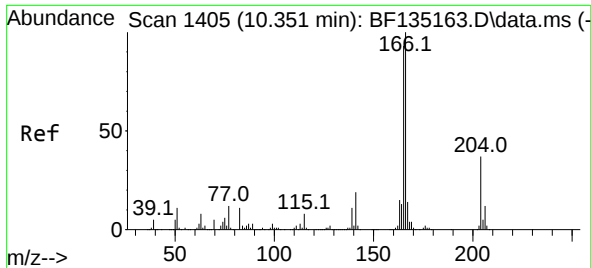
Tgt Ion:139 Resp: 28836
Ion Ratio Lower Upper
139 100
109 20.8 49.8 89.8#
65 25.9 92.7 132.7#



#57
2,4-Dinitrotoluene
Concen: 8.454 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

Tgt Ion:165 Resp: 22238
Ion Ratio Lower Upper
165 100
63 145.1 50.1 75.1#
89 61.9 59.3 88.9
182 11.7 2.3 3.5#

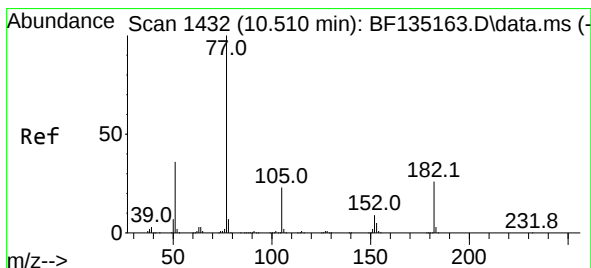
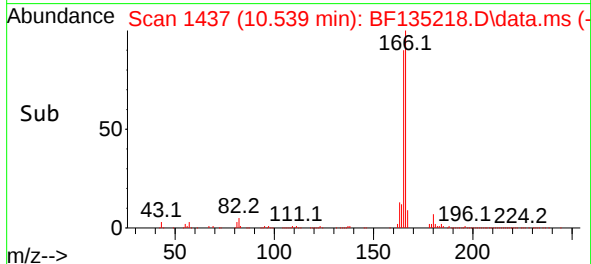
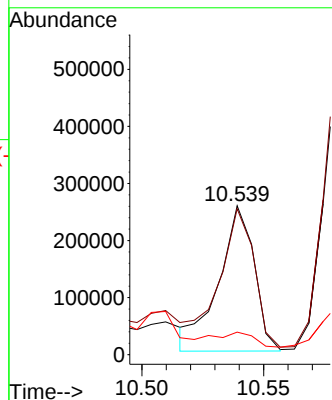
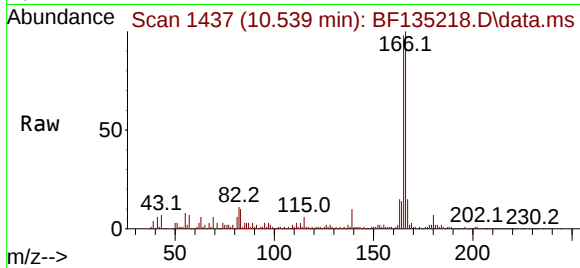




#58
Fluorene
Concen: 28.364 ng
RT: 10.539 min Scan# 1405
Delta R.T. 0.188 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

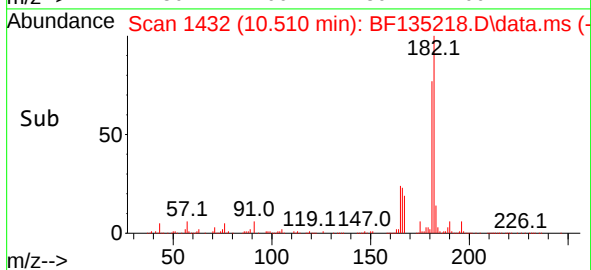
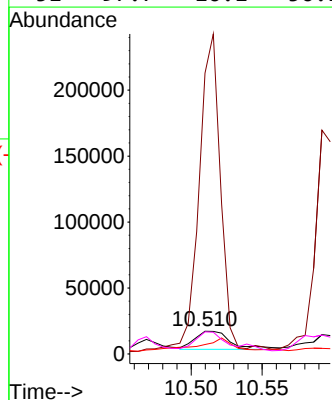
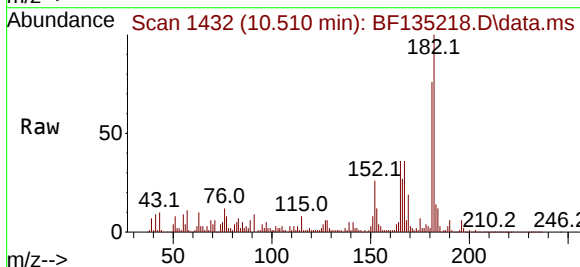
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

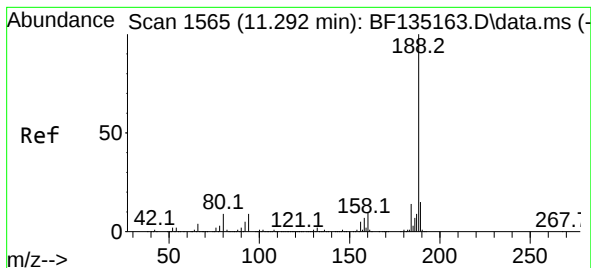
Tgt Ion:166 Resp: 258391
Ion Ratio Lower Upper
166 100
165 98.0 74.3 111.5
167 15.1 10.9 16.3



#63
Azobenzene
Concen: 2.607 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

Tgt Ion: 77 Resp: 24559
Ion Ratio Lower Upper
77 100
182 1237.6 6.4 46.4#
105 41.8 3.1 43.1
51 97.7 16.1 56.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1565

Delta R.T. 0.006 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

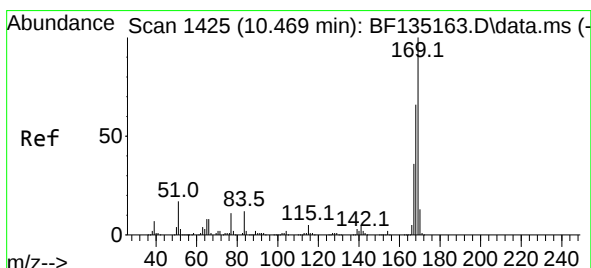
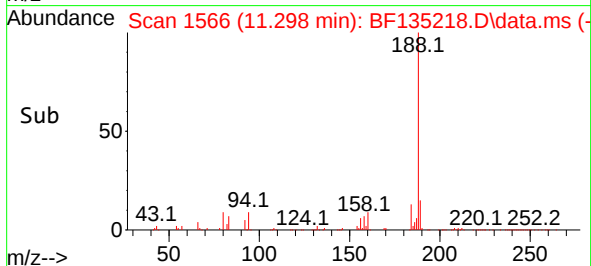
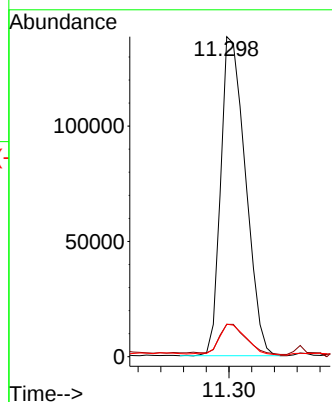
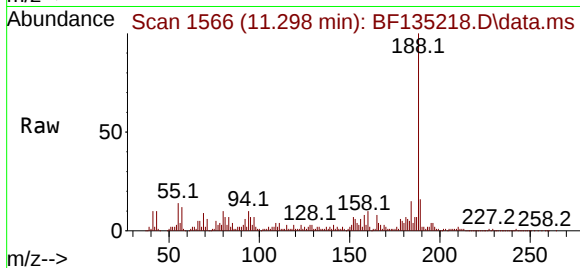
Tgt Ion:188 Resp: 209846

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.2 7.5 11.3



#66

n-Nitrosodiphenylamine

Concen: 15.317 ng

RT: 10.469 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

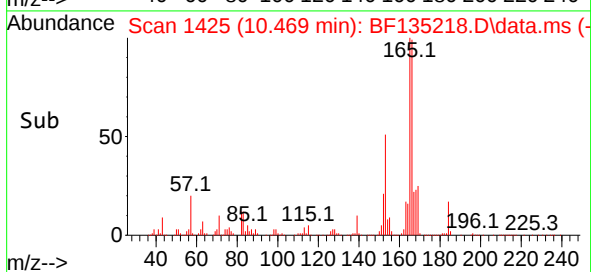
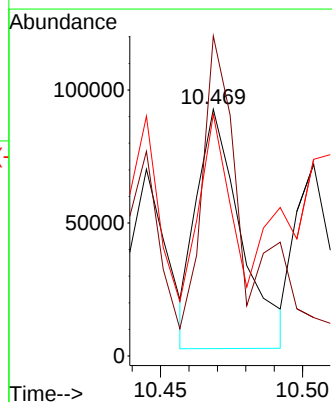
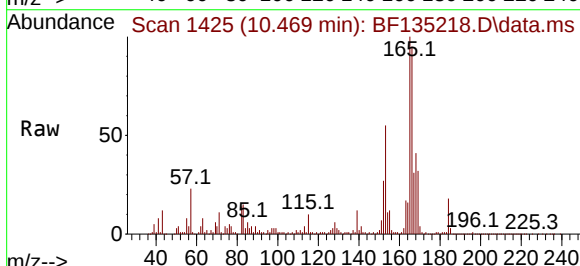
Tgt Ion:169 Resp: 97310

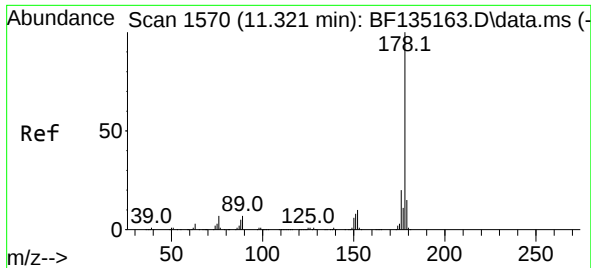
Ion Ratio Lower Upper

169 100

168 129.7 52.8 79.2#

167 97.9 29.0 43.6#

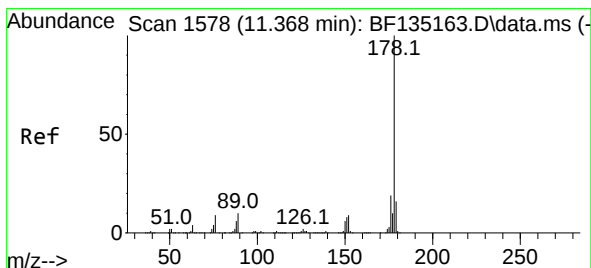
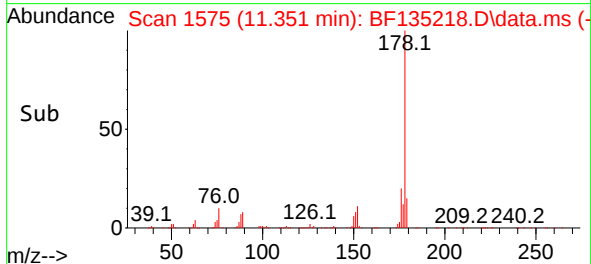
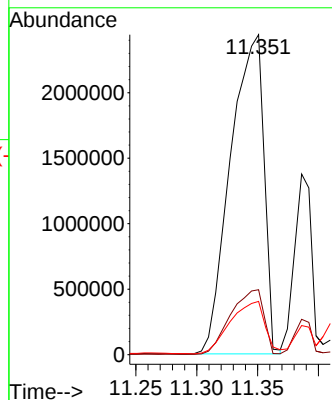
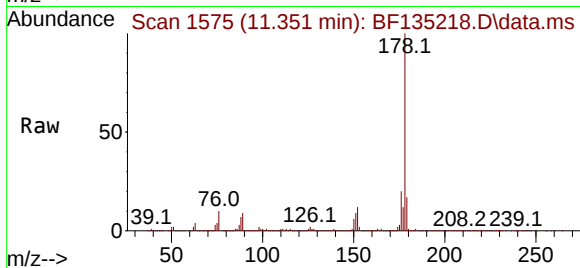




#71
Phenanthrene
Concen: 469.733 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.029 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

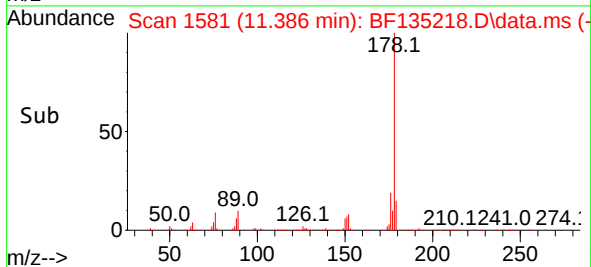
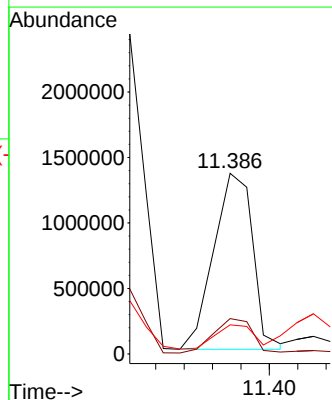
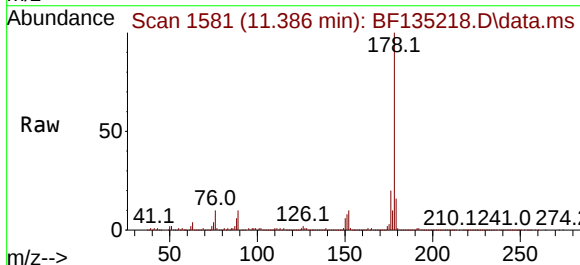
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

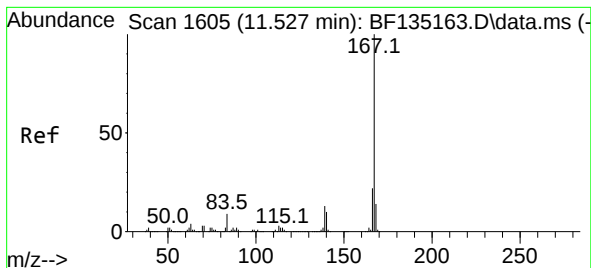
Tgt Ion:178 Resp: 4662012
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 16.6 12.0 18.0



#72
Anthracene
Concen: 126.051 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.018 min
Lab File: BF135218.D
Acq: 13 Sep 2023 11:23

Tgt Ion:178 Resp: 1285928
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.1 12.6 19.0





#73

Carbazole

Concen: 7.706 ng

RT: 11.539 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

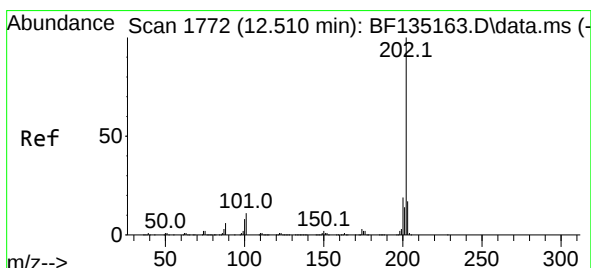
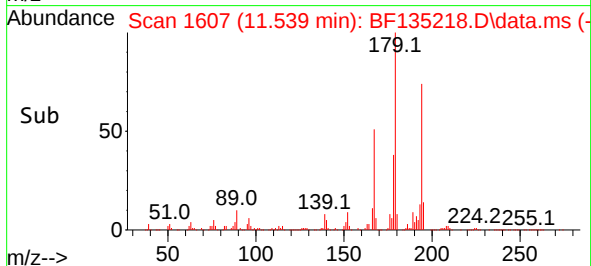
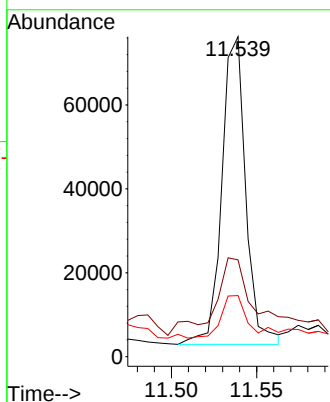
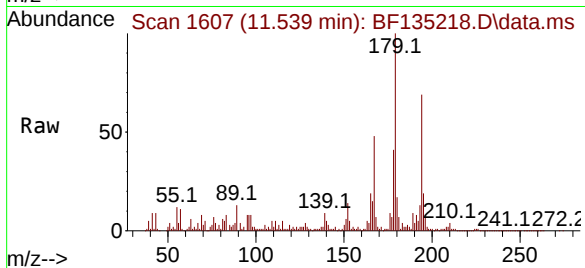
Tgt Ion:167 Resp: 71568

Ion Ratio Lower Upper

167 100

166 30.3 17.4 26.0#

139 19.1 10.6 15.8#



#75

Fluoranthene

Concen: 277.662 ng

RT: 12.545 min Scan# 1778

Delta R.T. 0.035 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

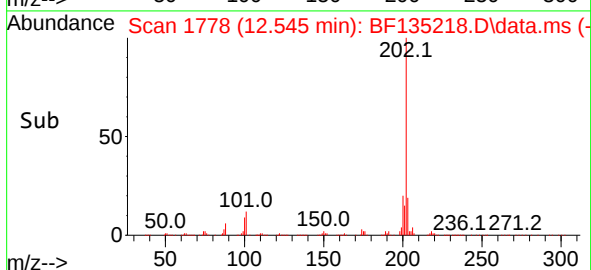
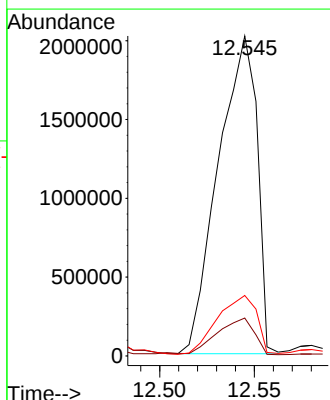
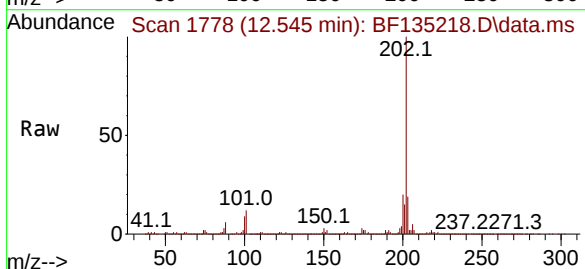
Tgt Ion:202 Resp: 2871461

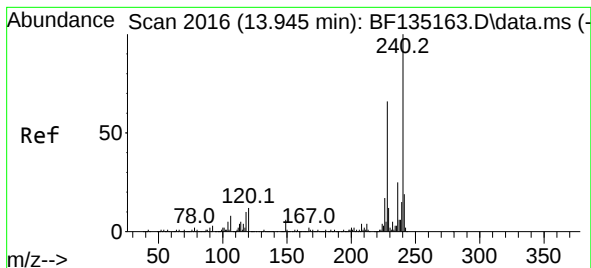
Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.3

203 18.9 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2016

Delta R.T. 0.029 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

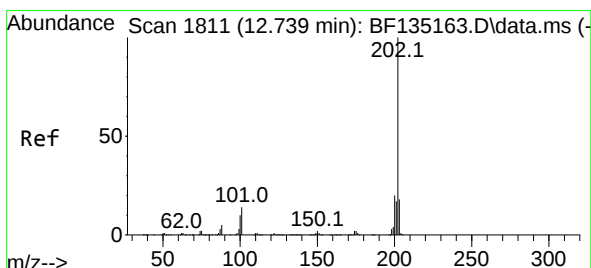
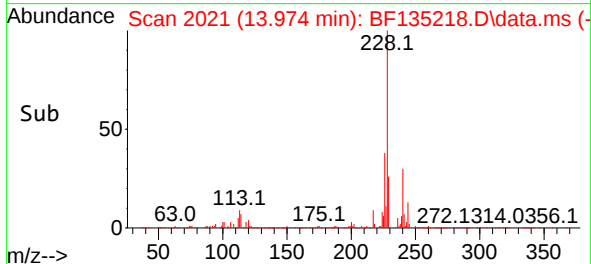
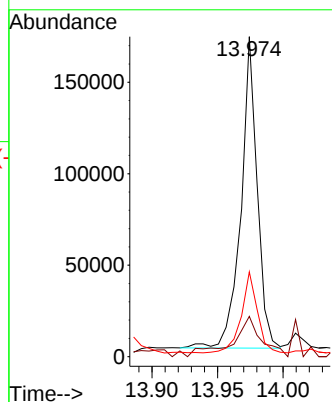
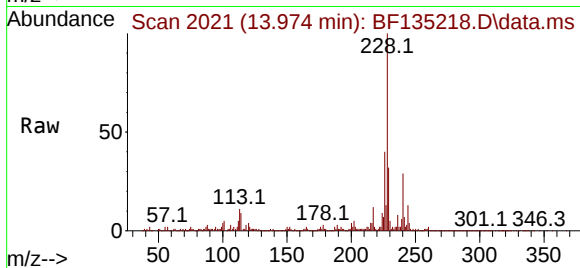
Tgt Ion:240 Resp: 146927

Ion Ratio Lower Upper

240 100

120 12.6 9.4 14.2

236 26.5 19.8 29.8



#78

Pyrene

Concen: 317.939 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.047 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

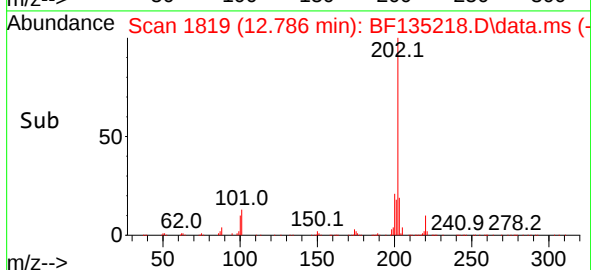
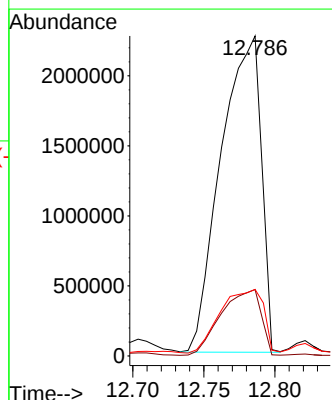
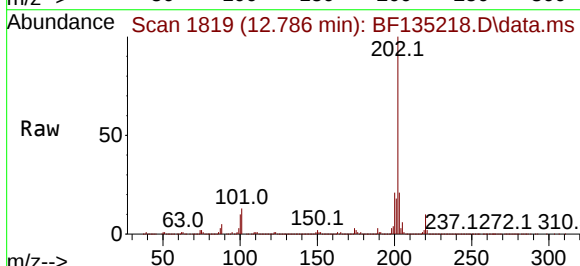
Tgt Ion:202 Resp: 4447508

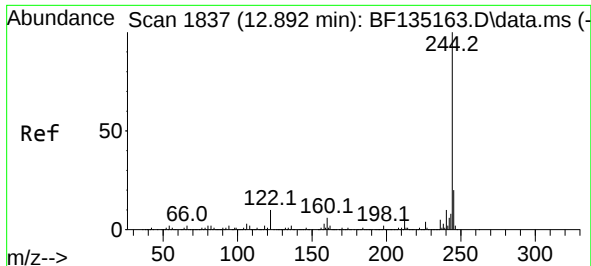
Ion Ratio Lower Upper

202 100

200 20.8 16.2 24.2

203 20.8 14.2 21.4

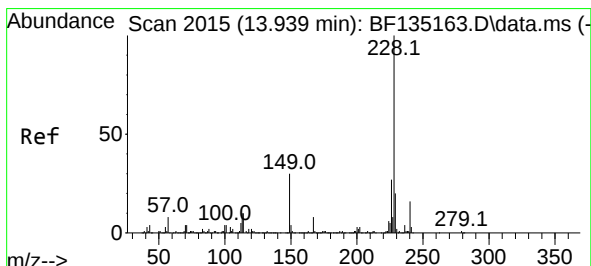
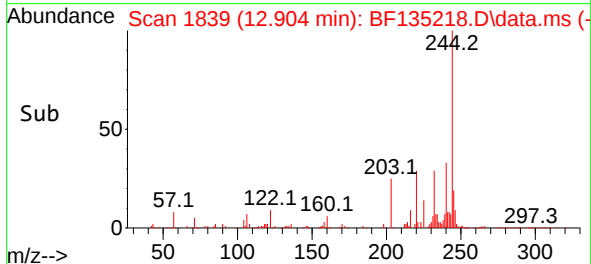
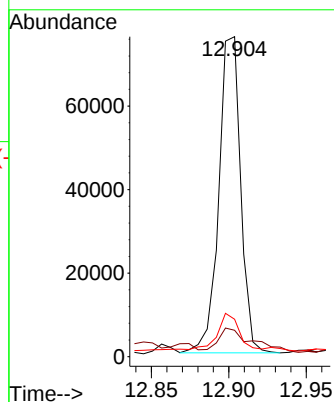
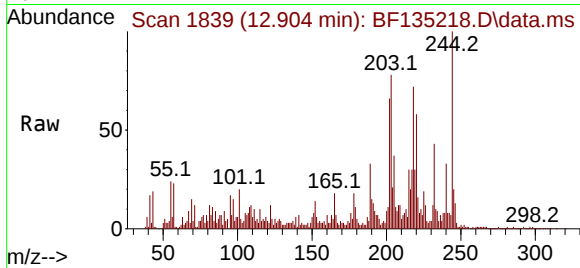




#79
 Terphenyl-d14
 Concen: 7.835 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF135218.D
 Acq: 13 Sep 2023 11:23

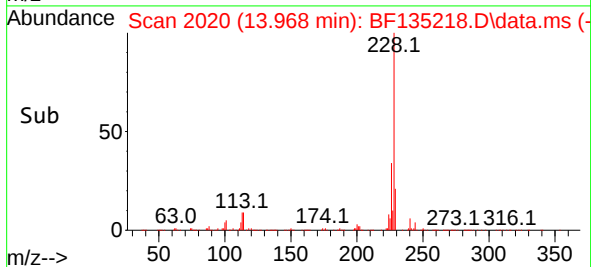
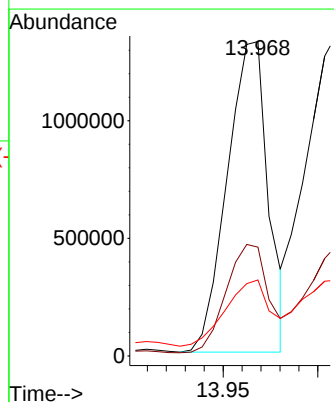
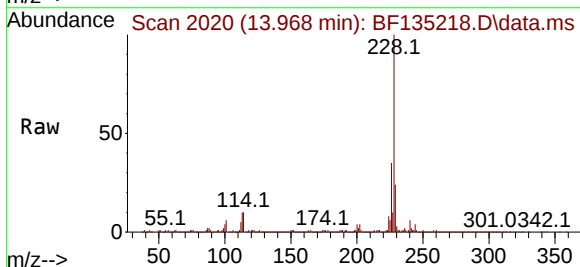
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

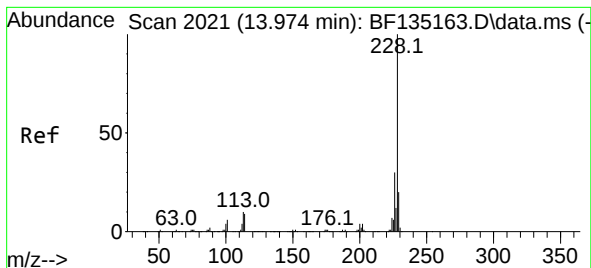
Tgt Ion:244 Resp: 74258
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.1 7.7#
 122 11.7 7.9 11.9



#81
 Benzo(a)anthracene
 Concen: 209.489 ng
 RT: 13.968 min Scan# 2020
 Delta R.T. 0.029 min
 Lab File: BF135218.D
 Acq: 13 Sep 2023 11:23

Tgt Ion:228 Resp: 1987521
 Ion Ratio Lower Upper
 228 100
 226 34.6 21.7 32.5#
 229 24.2 15.8 23.8#





#83

Chrysene

Concen: 191.170 ng

RT: 14.009 min Scan# 2010

Delta R.T. 0.035 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

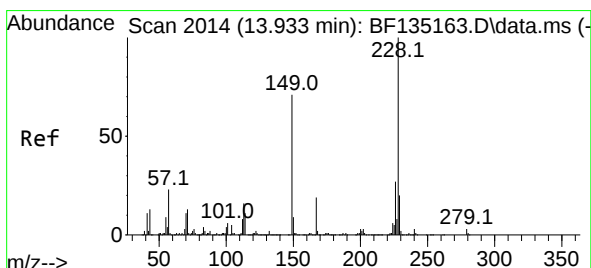
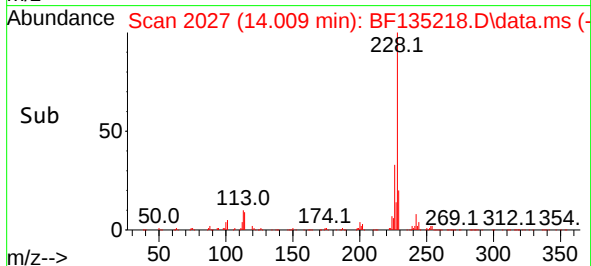
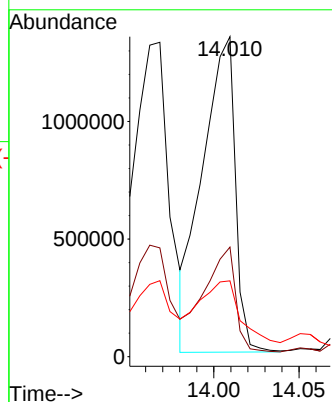
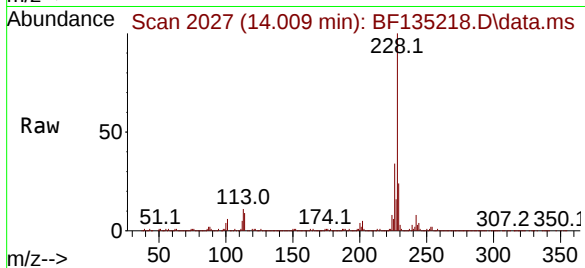
Tgt Ion:228 Resp: 1803253

Ion Ratio Lower Upper

228 100

226 34.2 24.3 36.5

229 23.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.240 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.012 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

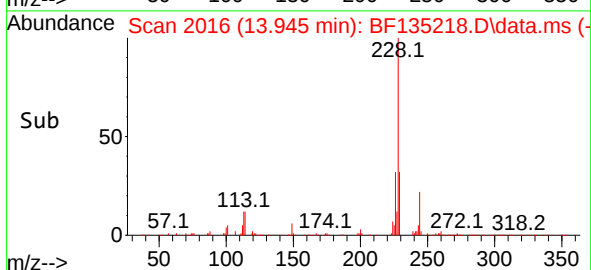
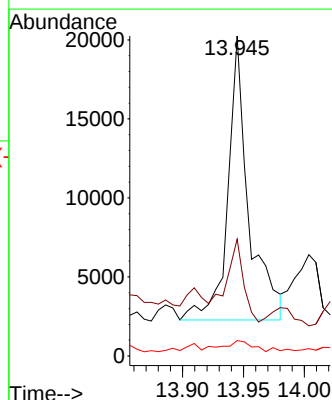
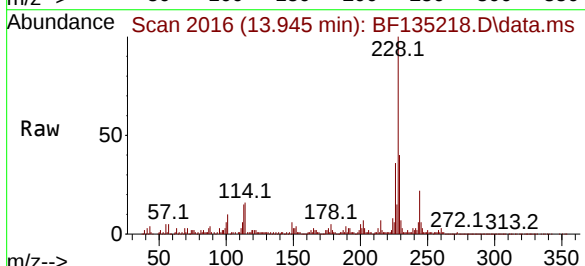
Tgt Ion:149 Resp: 21427

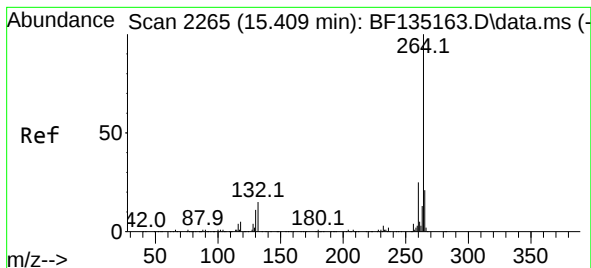
Ion Ratio Lower Upper

149 100

167 36.5 21.9 32.9#

279 4.8 3.3 4.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

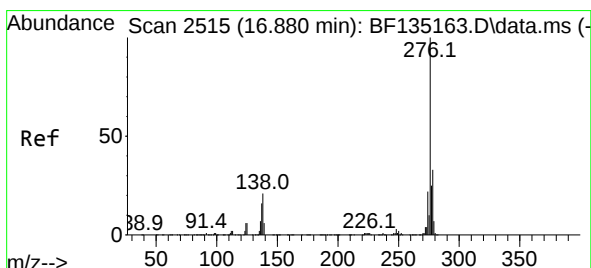
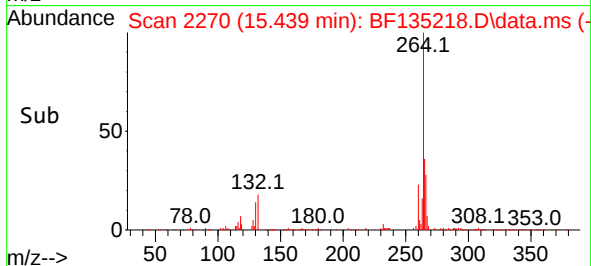
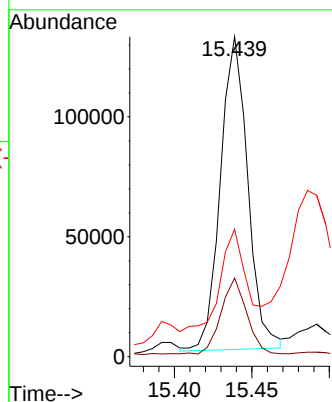
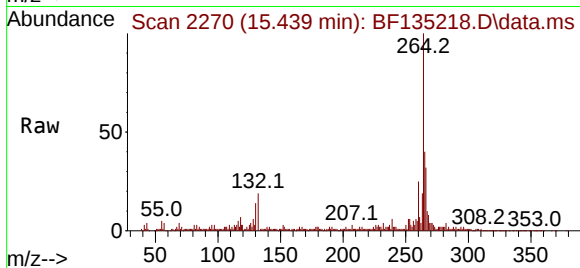
Tgt Ion:264 Resp: 160130

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

265 39.8 17.0 25.4#



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.862 ng

RT: 16.927 min Scan# 2523

Delta R.T. 0.047 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

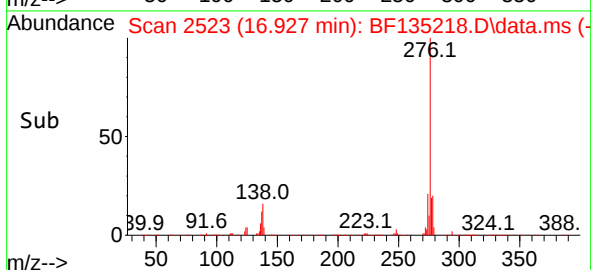
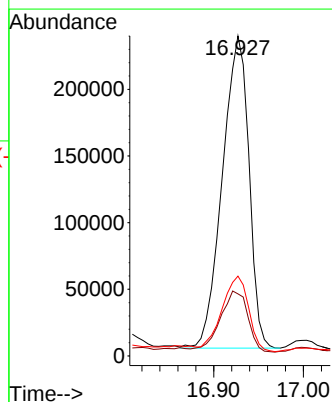
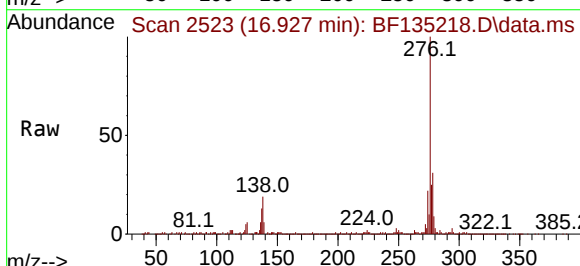
Tgt Ion:276 Resp: 481514

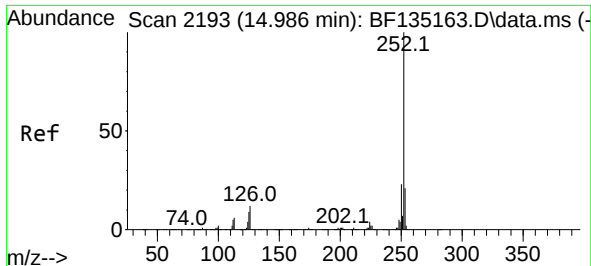
Ion Ratio Lower Upper

276 100

138 20.5 19.2 28.8

277 24.6 19.7 29.5





#88

Benzo(b)fluoranthene

Concen: 174.415 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.029 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

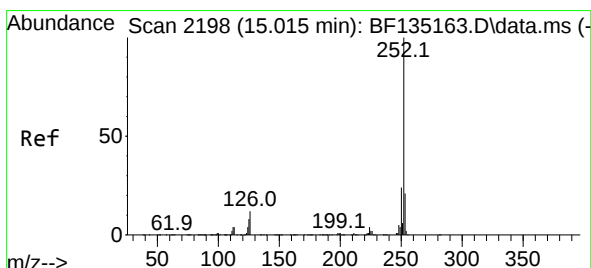
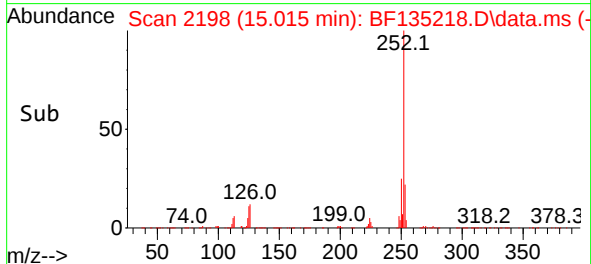
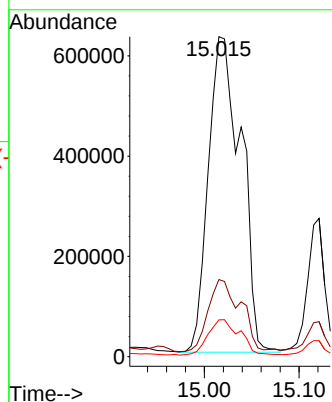
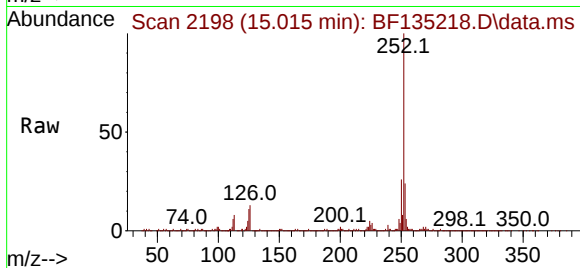
Tgt Ion:252 Resp: 1511902

Ion Ratio Lower Upper

252 100

253 24.1 17.2 25.8

125 11.5 7.1 10.7#



#89

Benzo(k)fluoranthene

Concen: 176.565 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

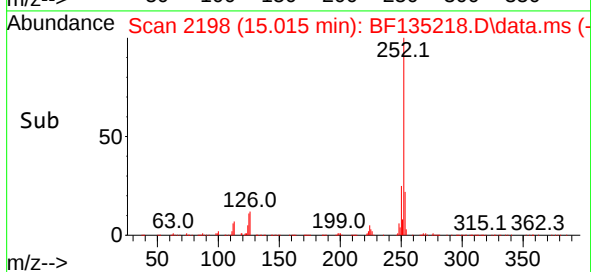
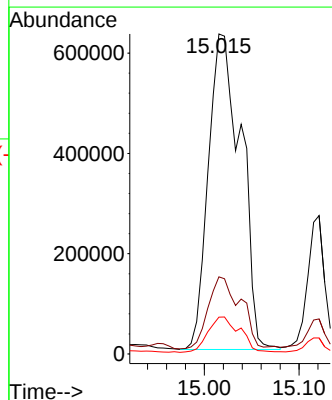
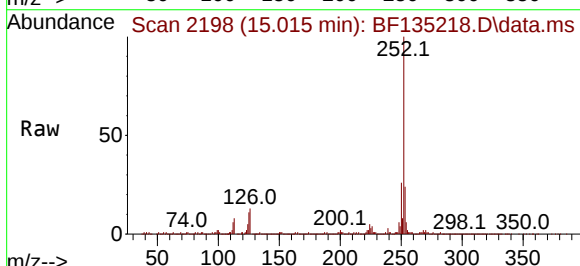
Tgt Ion:252 Resp: 1511902

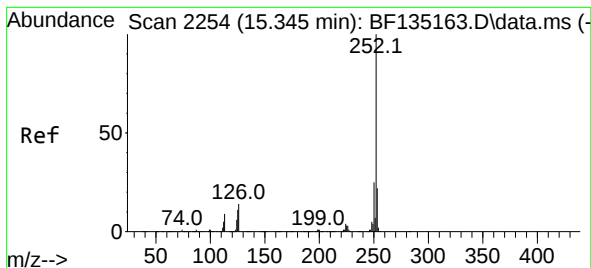
Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.0

125 11.5 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 149.599 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

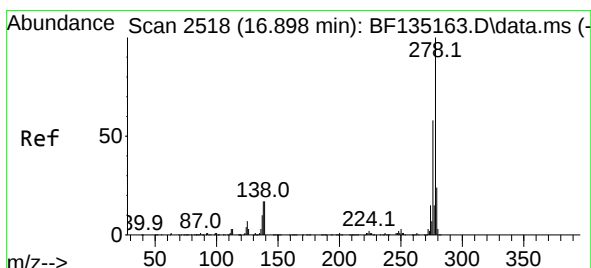
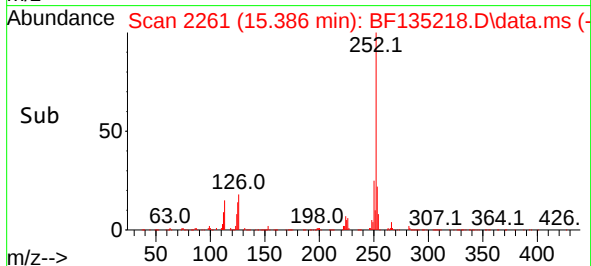
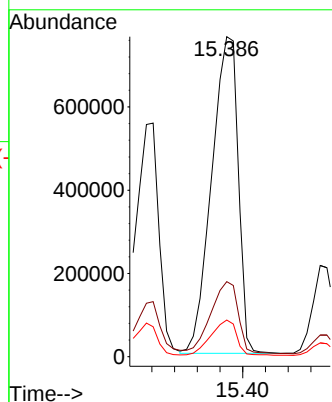
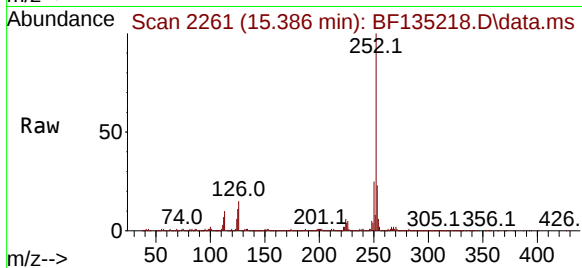
Tgt Ion:252 Resp: 1236655

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

125 11.4 9.2 13.8



#91

Dibenzo(a,h)anthracene

Concen: 17.001 ng

RT: 17.098 min Scan# 2552

Delta R.T. 0.200 min

Lab File: BF135218.D

Acq: 13 Sep 2023 11:23

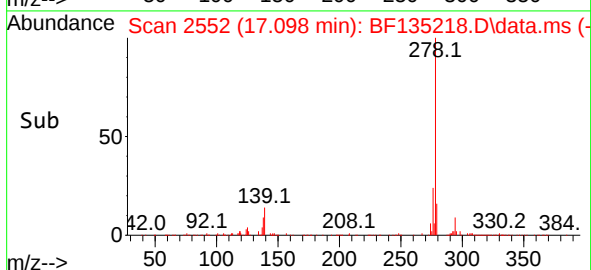
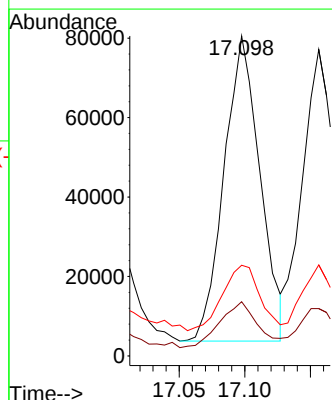
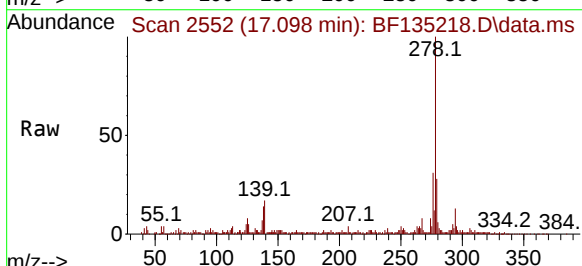
Tgt Ion:278 Resp: 146052

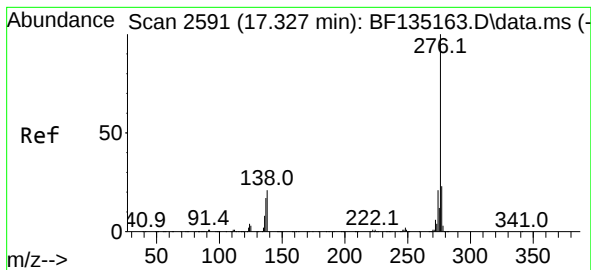
Ion Ratio Lower Upper

278 100

139 16.9 13.4 20.0

279 28.3 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 68.074 ng

RT: 17.386 min Scan# 20

Delta R.T. 0.059 min

Lab File: BF135218.D

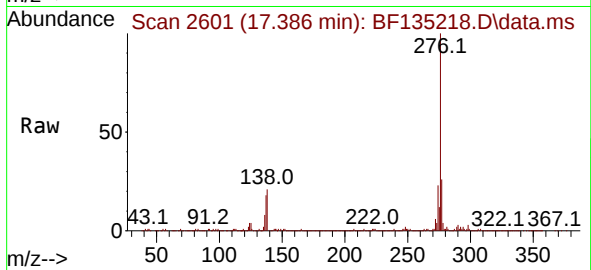
Acq: 13 Sep 2023 11:23

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP



Tgt Ion:276 Resp: 610740

Ion Ratio Lower Upper

276 100

277 25.6 18.8 28.2

138 21.1 16.9 25.3

