

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130921.D
 Acq On : 02 Nov 2022 02:24
 Operator : CG\JU
 Sample : N5234-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:28:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 08:18:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	68907	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	219971	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	104473	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	199574	20.000	ng	0.00
76) Chrysene-d12	14.139	240	116542	20.000	ng	0.01
86) Perylene-d12	15.662	264	92973	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	36149	9.095	ng	-0.01
7) Phenol-d6	6.545	99	43191	8.362	ng	-0.01
23) Nitrobenzene-d5	7.492	82	24872	6.818	ng	-0.01
42) 2,4,6-Tribromophenol	10.775	330	8248	9.379	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	43334	6.271	ng	0.00
79) Terphenyl-d14	13.069	244	51982	8.173	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	8.045	139	318	4.267	ng	# 42
31) Naphthalene	8.245	128	87193	7.597	ng	99
32) Benzoic acid	7.998	122	219	7.763	ng	# 5
33) 4-Chloroaniline	8.245	127	11903	2.625	ng	# 32
35) Caprolactam	8.939	113	3869	3.749	ng	# 1
37) 2-Methylnaphthalene	8.939	142	144520	20.019	ng	100
38) 1-Methylnaphthalene	9.039	142	130037	18.509	ng	99
46) 1,1'-Biphenyl	9.398	154	28926	3.886	ng	96
48) 2-Nitroaniline	9.492	65	1188	4.712	ng	# 26
49) Acenaphthylene	9.845	152	33693	3.572	ng	# 91
51) 2,6-Dinitrotoluene	9.675	165	684	3.261	ng	# 1
52) Acenaphthene	10.016	154	180442	30.940	ng	97
54) 2,4-Dinitrophenol	10.269	184	120	4.433	ng	# 56
55) Dibenzofuran	10.192	168	284609	33.668	ng	99
56) 4-Nitrophenol	10.192	139	122112	110.341	ng	# 1
57) 2,4-Dinitrotoluene	10.186	165	1410	4.466	ng	# 1
58) Fluorene	10.539	166	373811	56.158	ng	98
62) 4-Nitroaniline	10.539	138	5317	3.757	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.851	198	572	8.501	ng	80
71) Phenanthrene	11.522	178	2282884	221.625	ng	99
72) Anthracene	11.563	178	930850	91.620	ng	99
73) Carbazole	11.710	167	152200	16.728	ng	100
75) Fluoranthene	12.716	202	2336665	213.504	ng	99
78) Pyrene	12.945	202	2100757	213.657	ng	99
81) Benzo(a)anthracene	14.127	228	860061	111.310	ng	97
83) Chrysene	14.168	228	660997	88.688	ng	97
87) Indeno(1,2,3-cd)pyrene	17.215	276	229459	37.165	ng	# 92
88) Benzo(b)fluoranthene	15.215	252	852912	141.914	ng	97
89) Benzo(k)fluoranthene	15.215	252	852912	145.638	ng	98
90) Benzo(a)pyrene	15.598	252	513522	106.290	ng	97
91) Dibenzo(a,h)anthracene	17.468	278	32336	6.425	ng	93
92) Benzo(g,h,i)perylene	17.692	276	205481	40.017	ng	96

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

BNA F

BNA F

ClientSampleId :

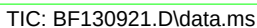
Quant Time: Nov 02 08:28:12 2022

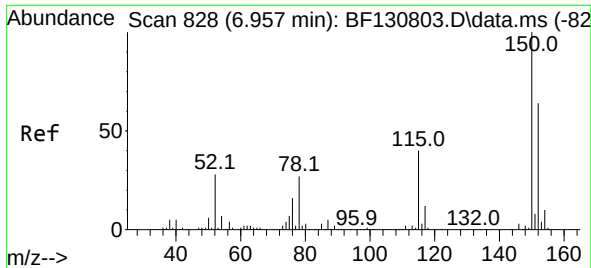
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 02 08:18:35 2022

Response via : Initial Calibration

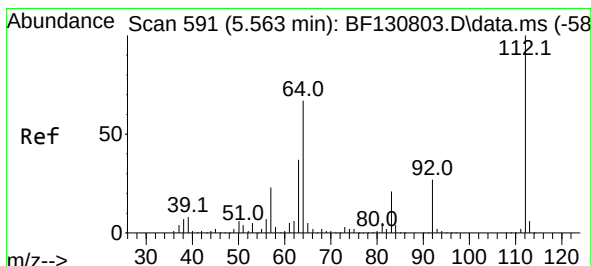
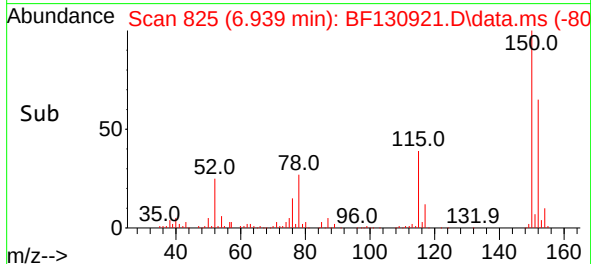
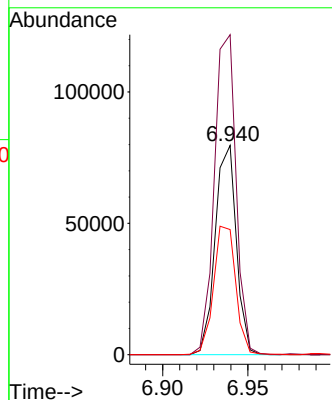
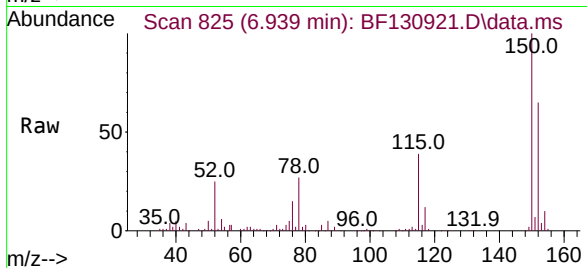




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

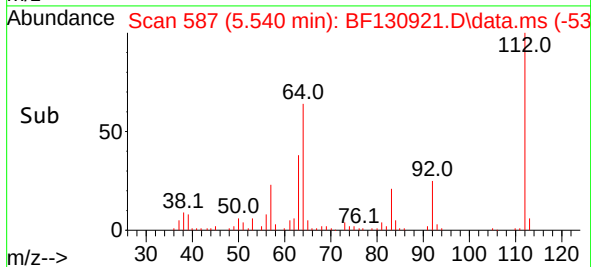
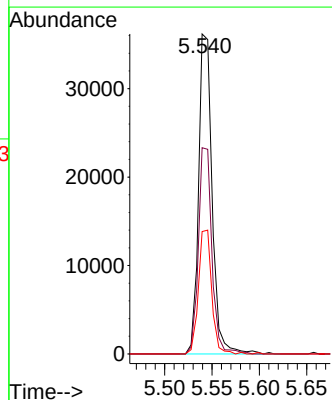
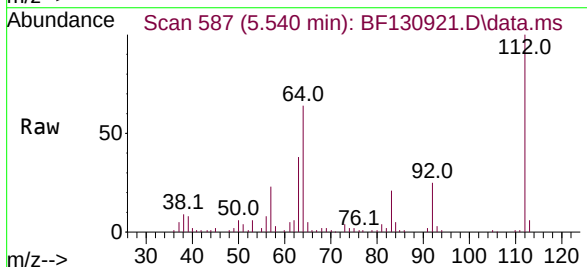
Instrument :
BNA_F
ClientSampleId :

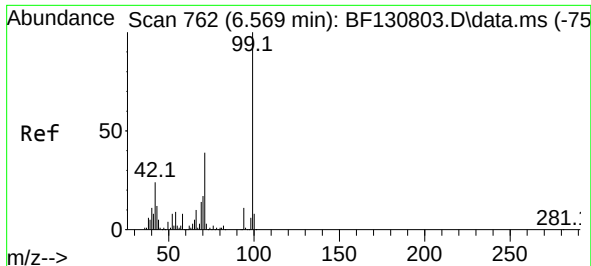
Tgt Ion:152 Resp: 68907
Ion Ratio Lower Upper
152 100
150 152.9 124.1 186.1
115 59.8 50.1 75.1



#5
2-Fluorophenol
Concen: 9.095 ng
RT: 5.540 min Scan# 587
Delta R.T. -0.012 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Tgt Ion:112 Resp: 36149
Ion Ratio Lower Upper
112 100
64 64.4 53.9 80.9
63 38.2 29.4 44.2

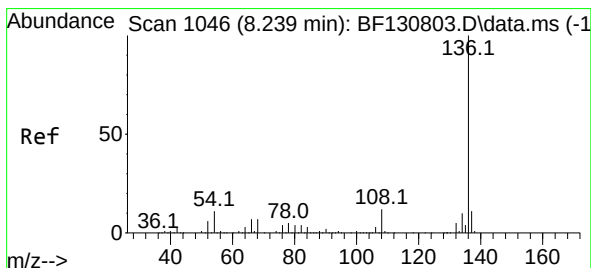
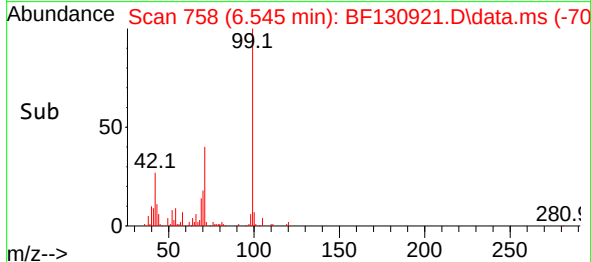
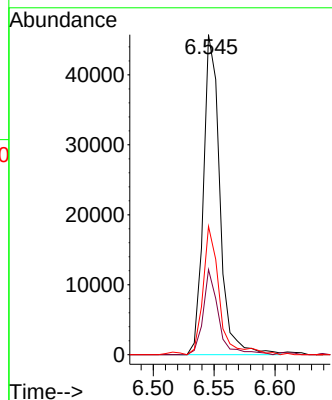
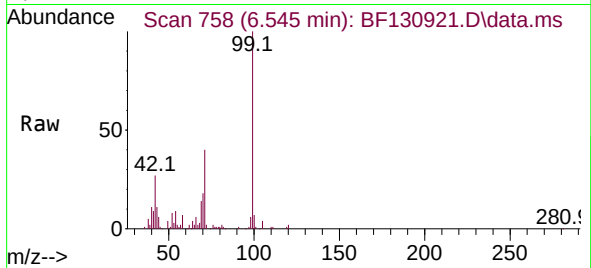




#7
Phenol-d6
Concen: 8.362 ng
RT: 6.545 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

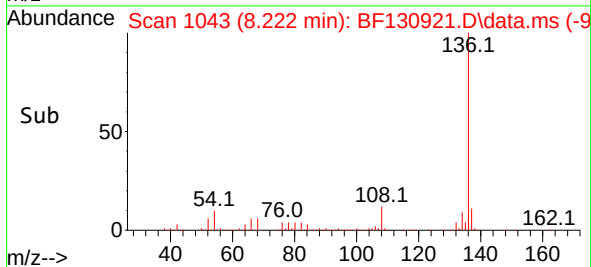
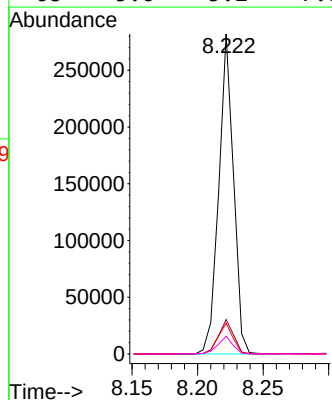
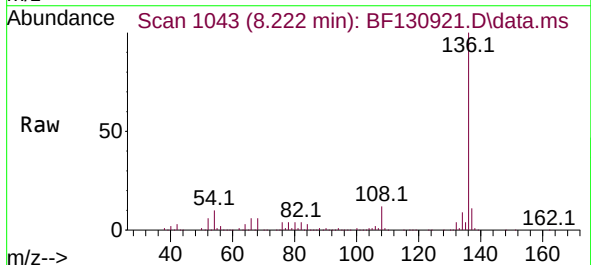
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BNA_F
ClientSampleId :

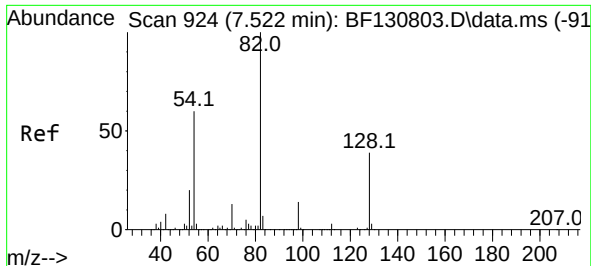
Tgt Ion: 99 Resp: 43191
Ion Ratio Lower Upper
99 100
42 26.6 18.8 28.2
71 40.1 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Tgt Ion: 136 Resp: 219971
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 9.6 8.8 13.2
68 5.6 5.2 7.8

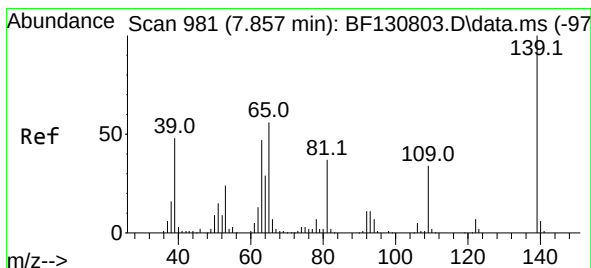
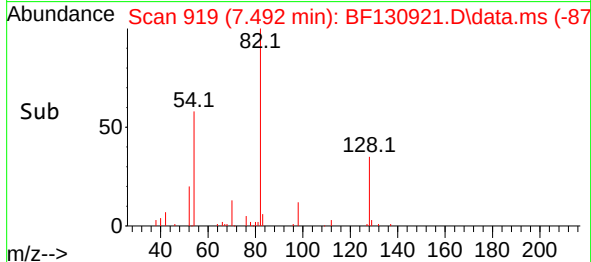
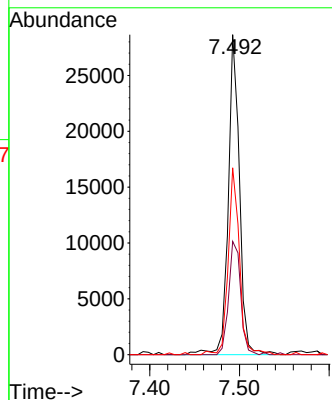
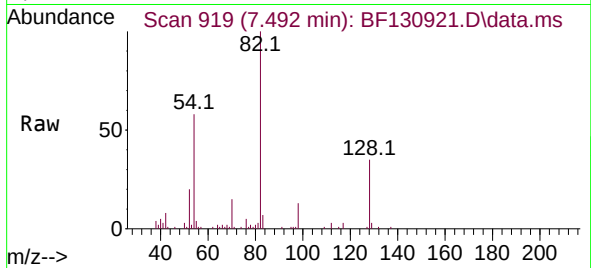




#23
Nitrobenzene-d5
Concen: 6.818 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

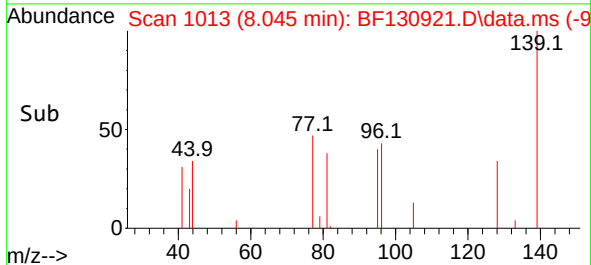
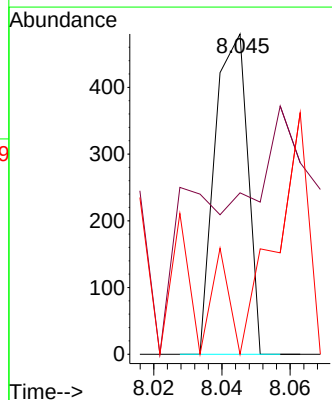
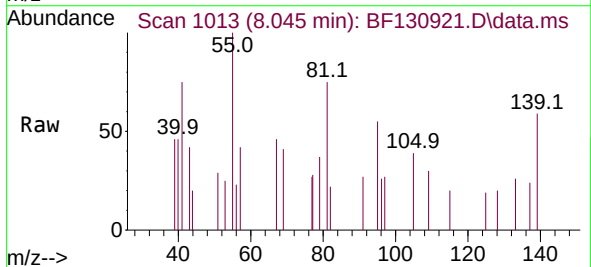
Instrument :
BNA_F
ClientSampleId :

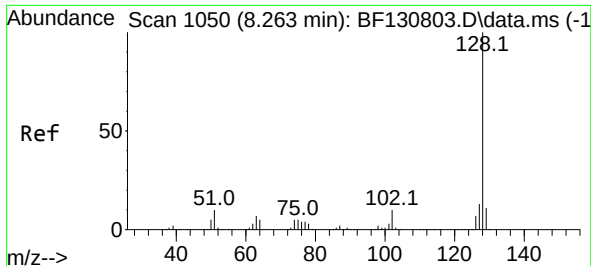
Tgt Ion: 82 Resp: 24872
Ion Ratio Lower Upper
82 100
128 35.4 31.2 46.8
54 58.4 48.0 72.0



#26
2-Nitrophenol
Concen: 4.267 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.206 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

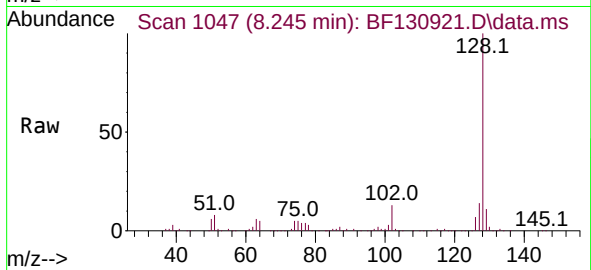
Tgt Ion: 139 Resp: 318
Ion Ratio Lower Upper
139 100
109 50.4 27.3 40.9#
65 0.0 44.6 67.0#



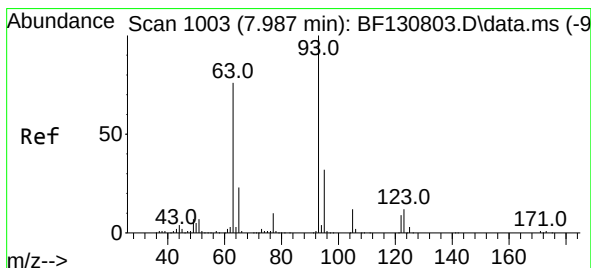
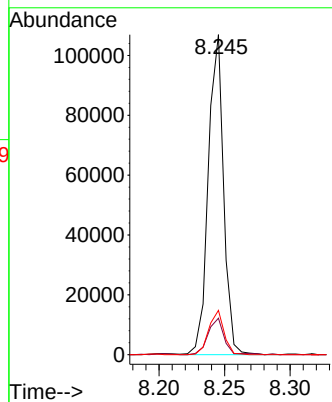
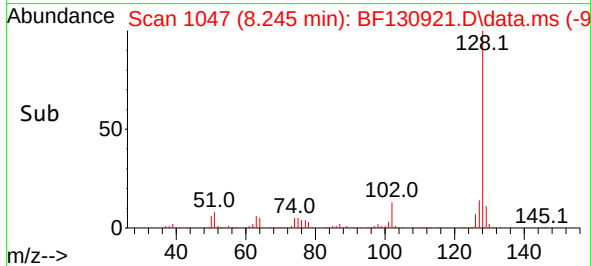


#31
Naphthalene
Concen: 7.597 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Instrument :
BNA_F
ClientSampleId :

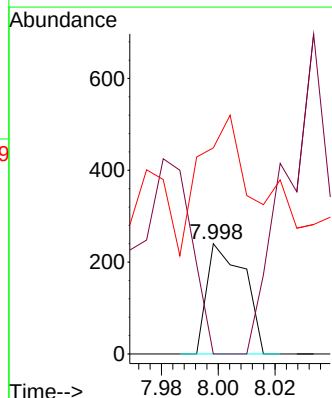
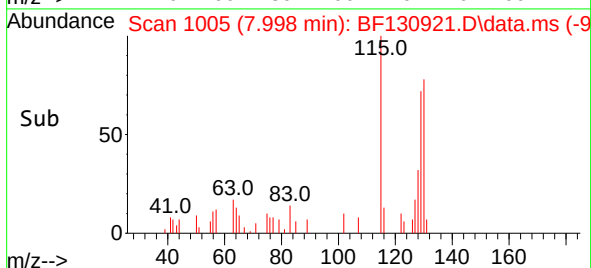
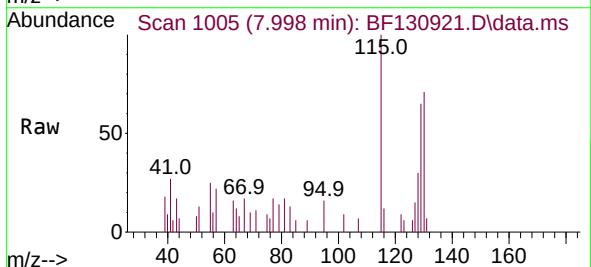


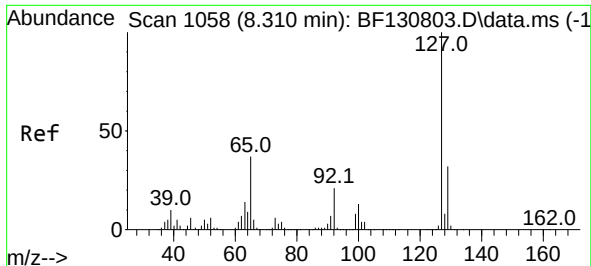
Tgt Ion:128 Resp: 87193
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.8 10.6 16.0



#32
Benzoic acid
Concen: 7.763 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.018 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

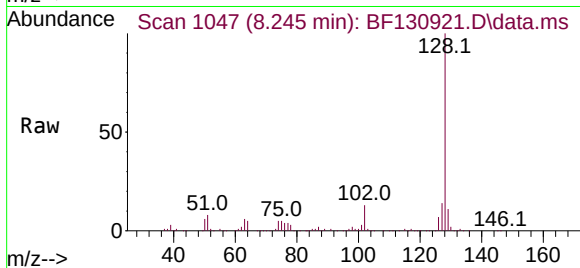
Tgt Ion:122 Resp: 219
Ion Ratio Lower Upper
122 100
105 0.0 114.5 154.5#
77 187.1 89.8 129.8#



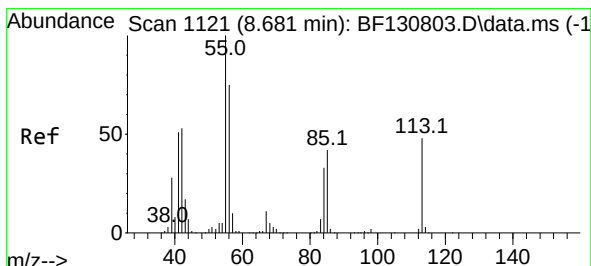
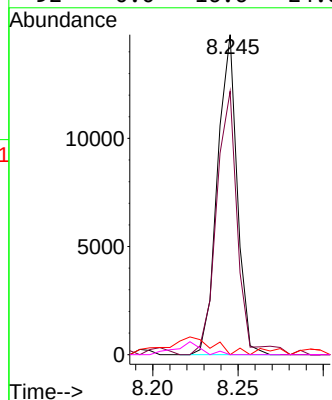
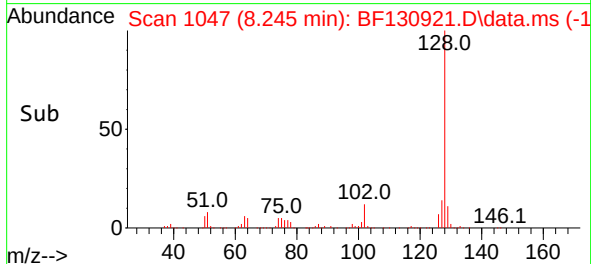


#33
4-Chloroaniline
Concen: 2.625 ng
RT: 8.245 min Scan# 1103
Delta R.T. -0.047 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Instrument :
BNA_F
ClientSampleId :

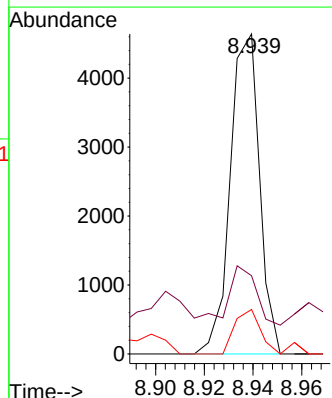
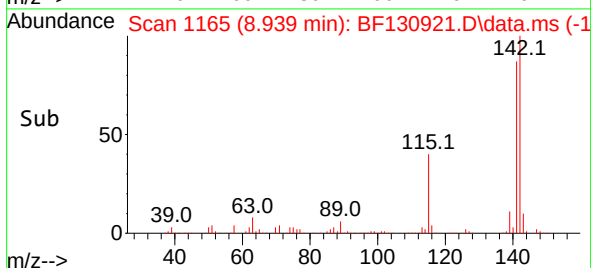
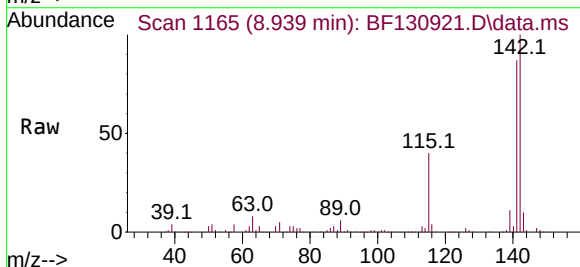


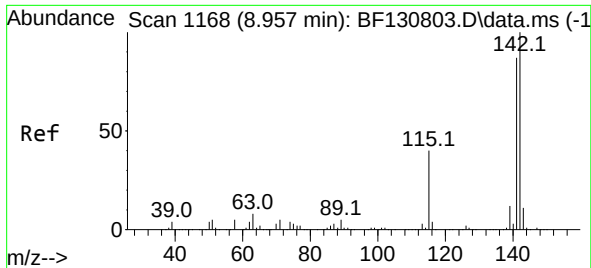
Tgt Ion:127	Resp:	11903
Ion	Ratio	Lower Upper
127	100	
129	82.3	25.6 38.4#
65	0.0	29.4 44.2#
92	0.0	16.6 24.8#



#35
Caprolactam
Concen: 3.749 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.265 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Tgt Ion:113	Resp:	3869
Ion	Ratio	Lower Upper
113	100	
55	24.5	187.0 227.0#
56	13.9	134.2 174.2#

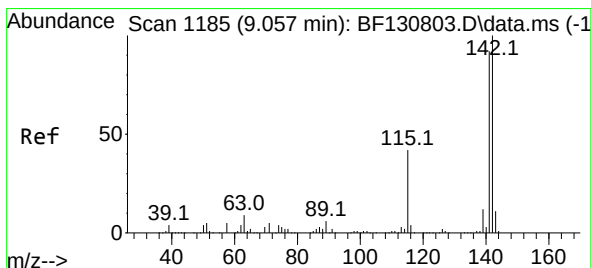
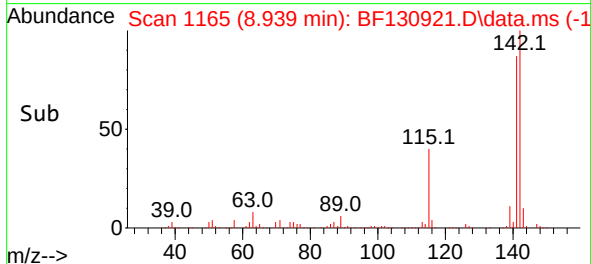
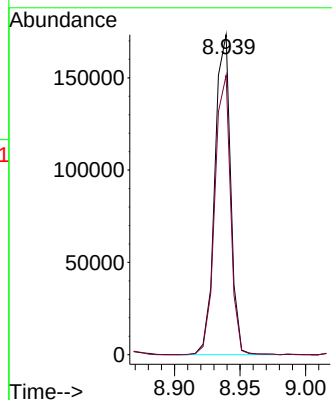
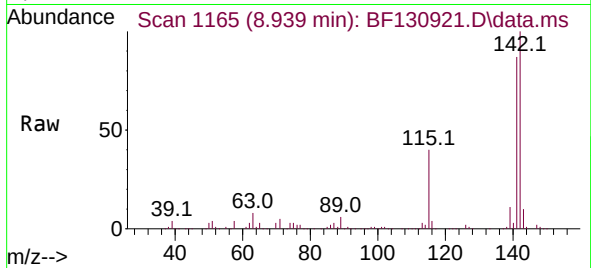




#37
2-Methylnaphthalene
Concen: 20.019 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

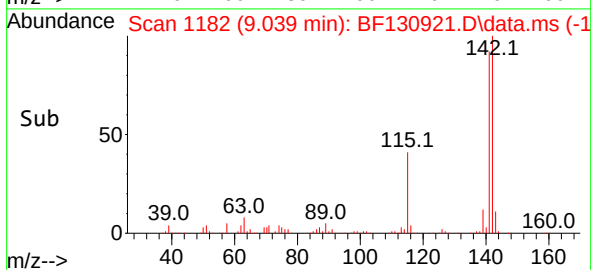
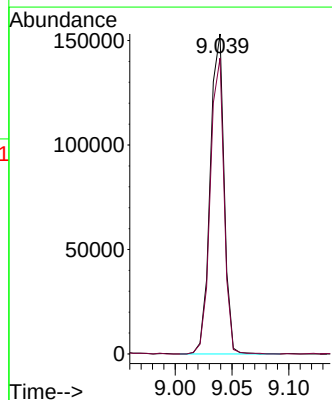
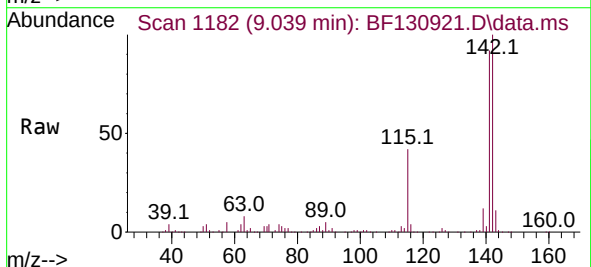
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BNA_F
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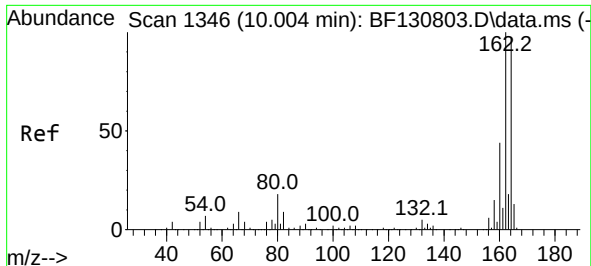
Tgt Ion:142 Resp: 144520
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9



#38
1-Methylnaphthalene
Concen: 18.509 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Tgt Ion:142 Resp: 130037
Ion Ratio Lower Upper
142 100
141 92.4 73.5 110.3

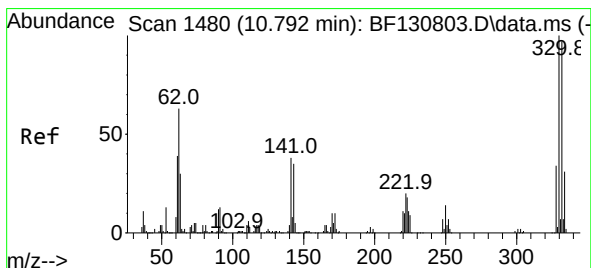
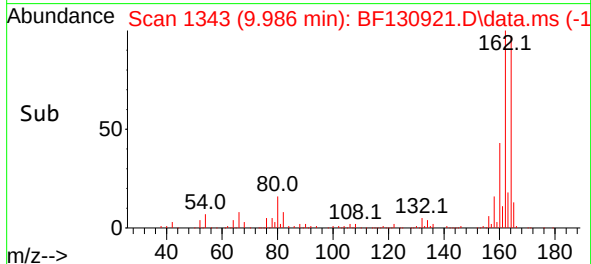
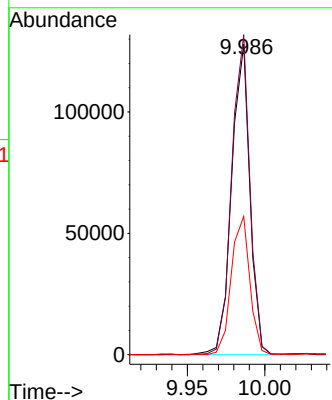
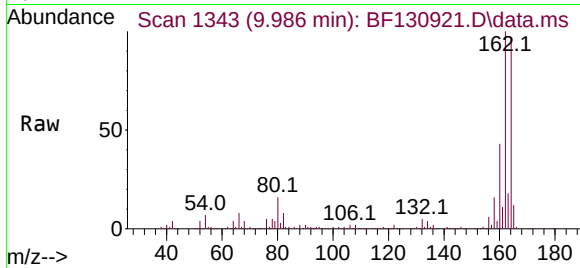




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

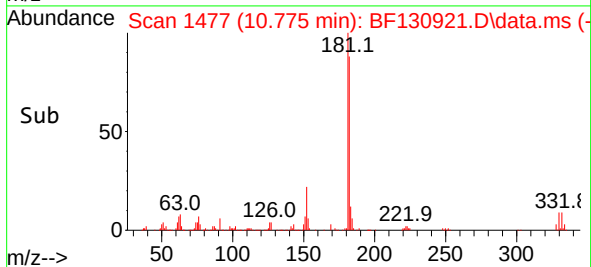
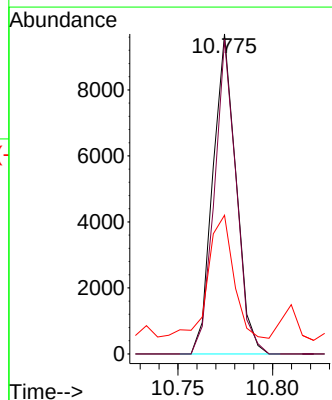
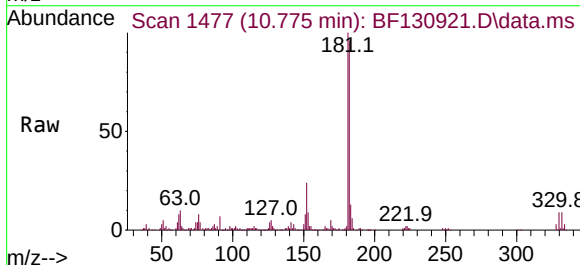
Instrument :
BNA_F
ClientSampleId :

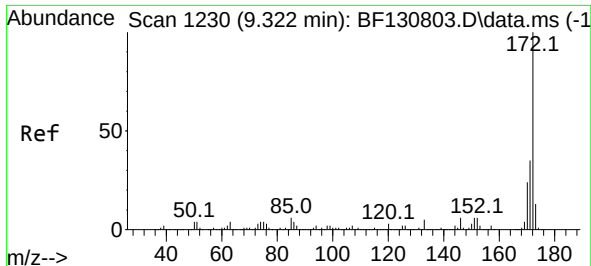
Tgt Ion:164 Resp: 104473
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.2
160 44.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 9.379 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Tgt Ion:330 Resp: 8248
Ion Ratio Lower Upper
330 100
332 92.8 76.2 114.4
141 42.4 31.4 47.0

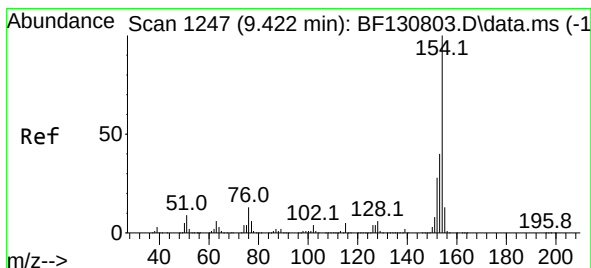
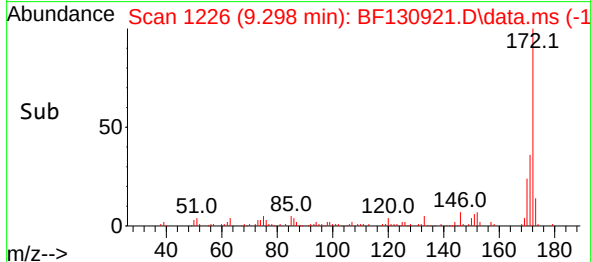
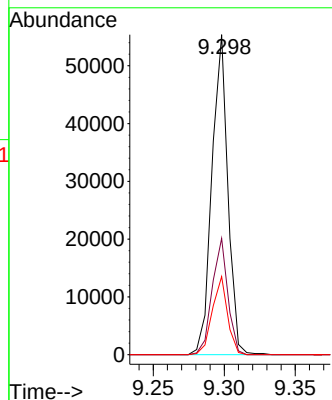
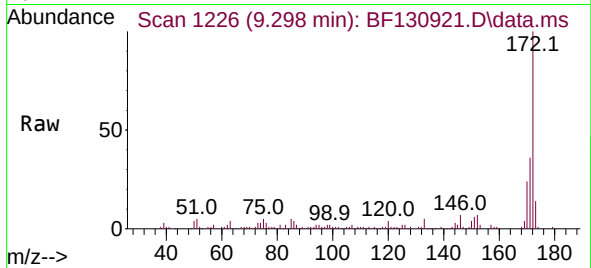




#45
2-Fluorobiphenyl
Concen: 6.271 ng
RT: 9.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

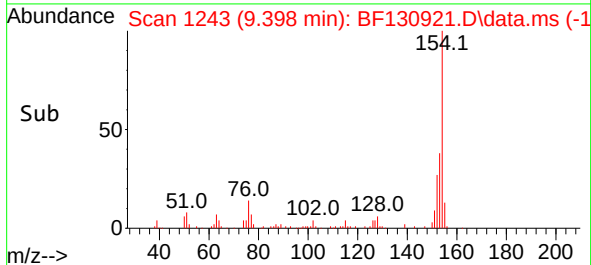
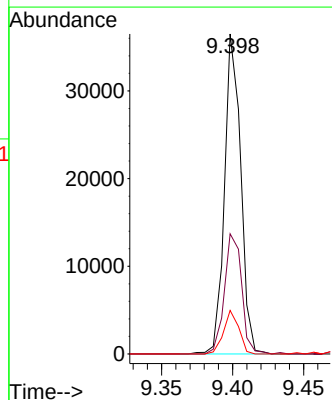
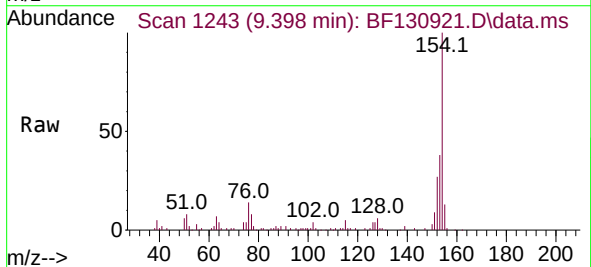
Instrument :
BNA_F
ClientSampleId :

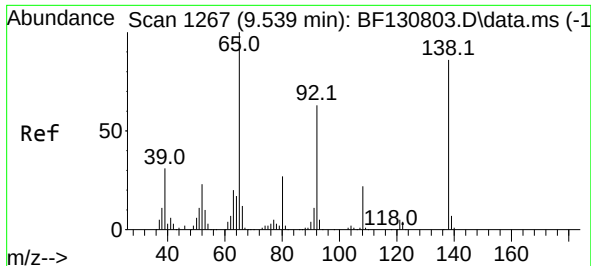
Tgt Ion:172 Resp: 43334
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 24.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 3.886 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Tgt Ion:154 Resp: 28926
Ion Ratio Lower Upper
154 100
153 37.6 19.9 59.9
76 13.6 0.0 32.5

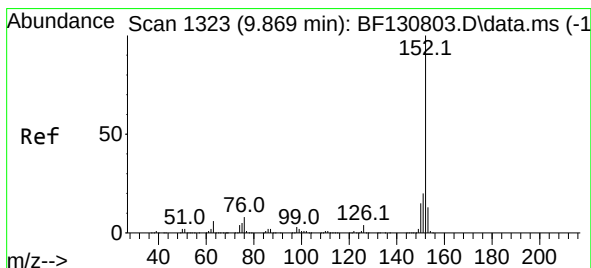
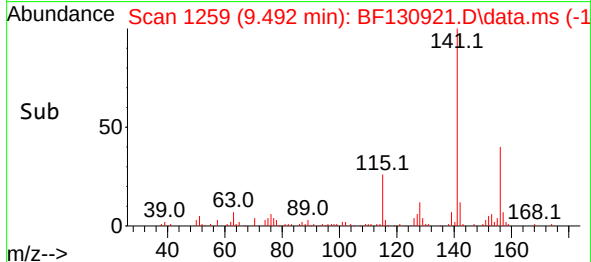
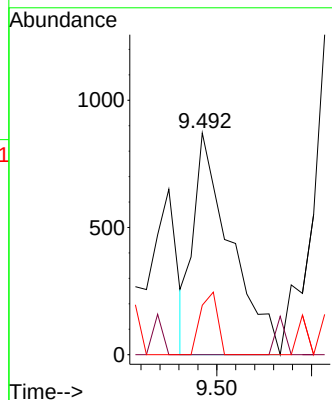
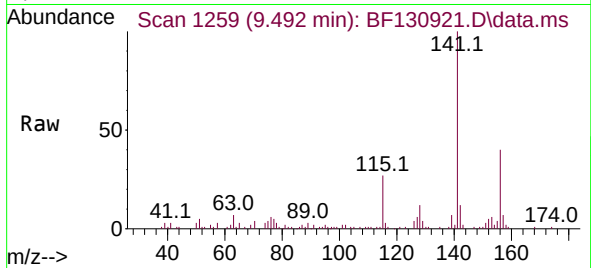




#48
2-Nitroaniline
Concen: 4.712 ng
RT: 9.492 min Scan# 1188
Delta R.T. -0.035 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

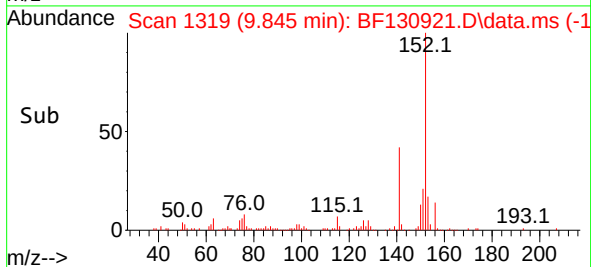
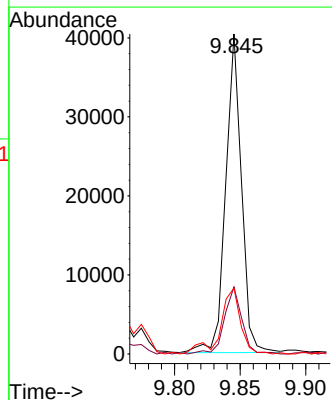
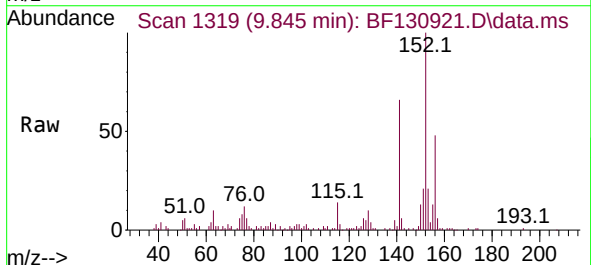
Instrument :
BNA_F
ClientSampleId :

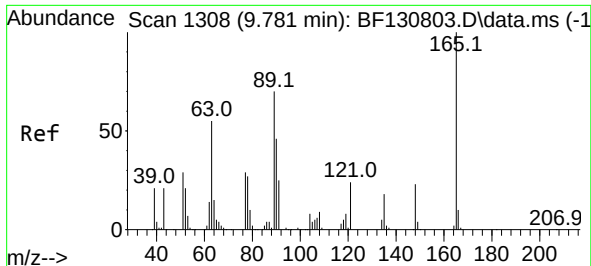
Tgt Ion: 65 Resp: 1188
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 22.2 69.2 103.8#



#49
Acenaphthylene
Concen: 3.572 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Tgt Ion: 152 Resp: 33693
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.8
153 20.6 10.2 15.4#

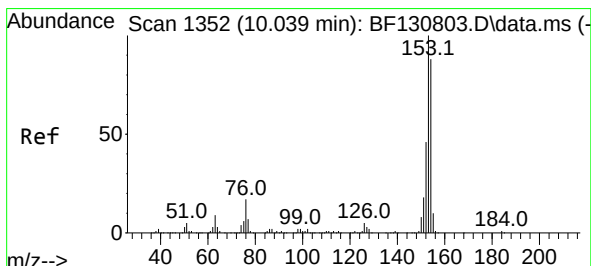
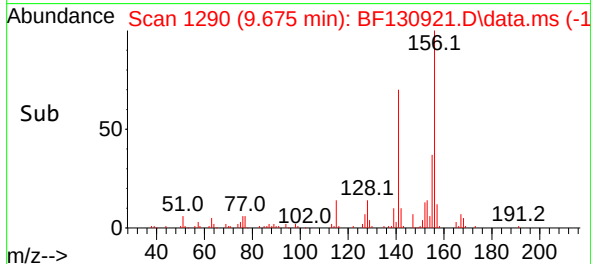
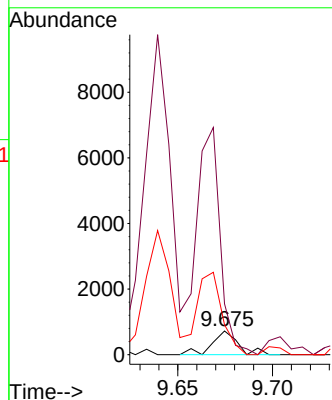
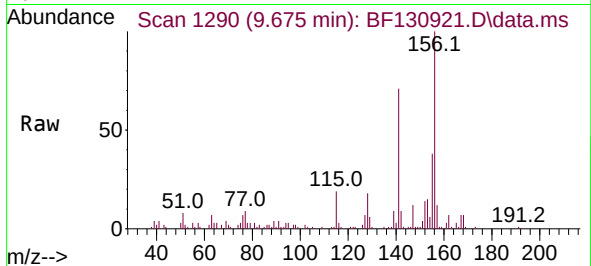




#51
2,6-Dinitrotoluene
Concen: 3.261 ng
RT: 9.675 min Scan# 1308
Delta R.T. -0.094 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

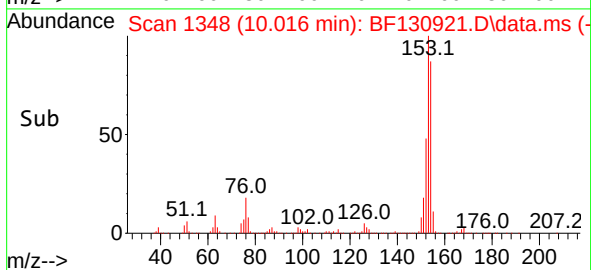
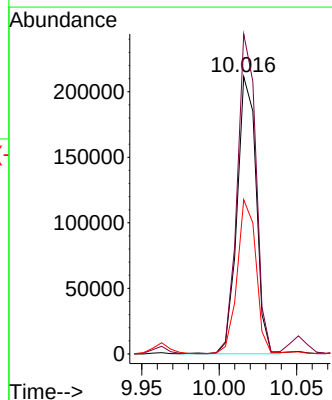
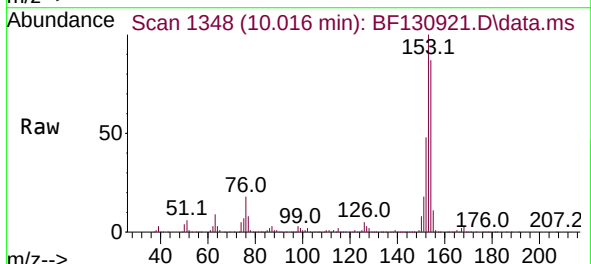
Instrument :
BNA_F
ClientSampleId :

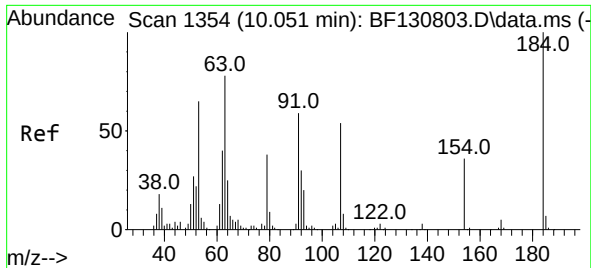
Tgt Ion:165 Resp: 684
Ion Ratio Lower Upper
165 100
63 214.2 61.8 92.8#
89 126.0 56.2 84.4#



#52
Acenaphthene
Concen: 30.940 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

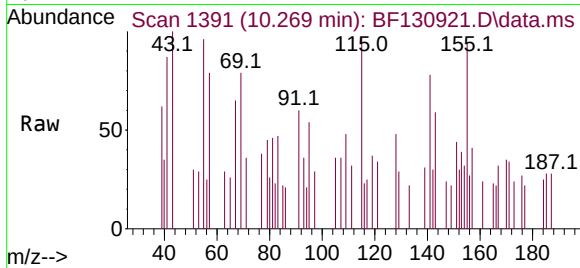
Tgt Ion:154 Resp: 180442
Ion Ratio Lower Upper
154 100
153 115.4 90.5 135.7
152 55.7 42.0 63.0



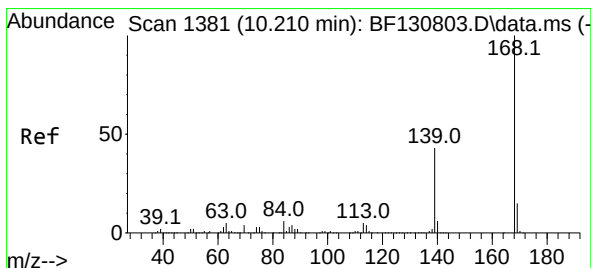
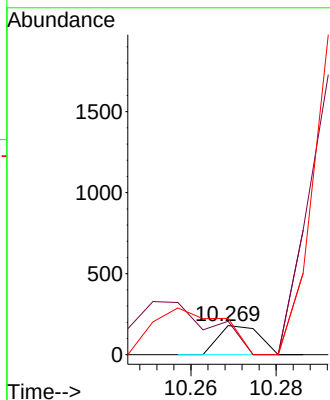
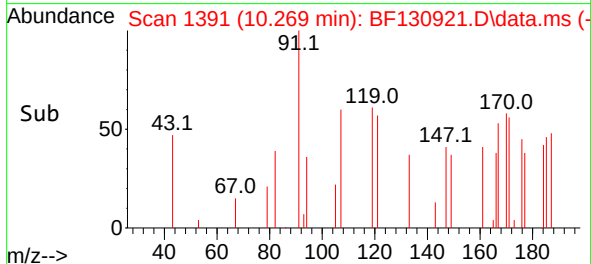


#54
2,4-Dinitrophenol
Concen: 4.433 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.224 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

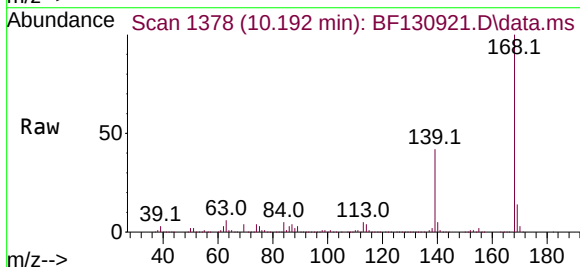
Instrument :
BNA_F
ClientSampleId :



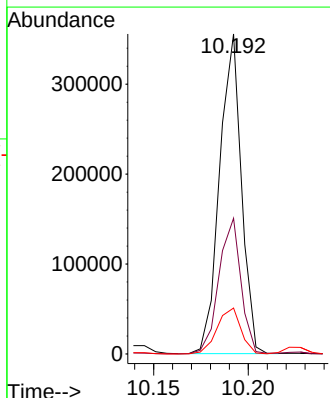
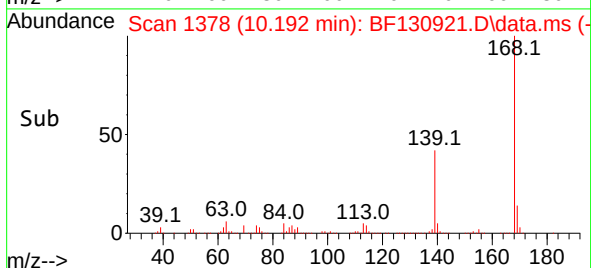
Tgt Ion:184 Resp: 120
Ion Ratio Lower Upper
184 100
63 115.0 66.7 100.1#
154 124.4 62.2 93.2#

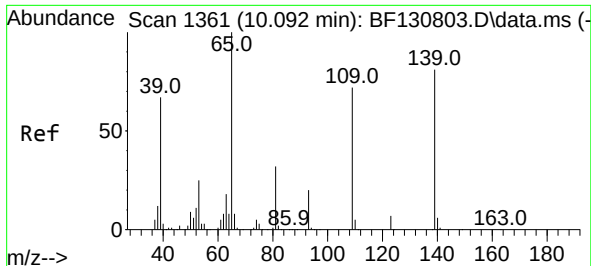


#55
Dibenzofuran
Concen: 33.668 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24



Tgt Ion:168 Resp: 284609
Ion Ratio Lower Upper
168 100
139 42.4 34.3 51.5
169 14.4 11.9 17.9

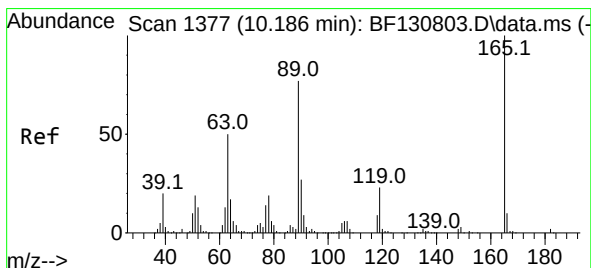
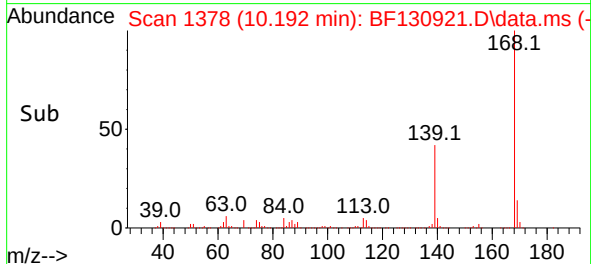
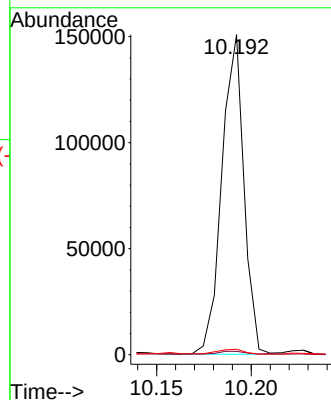
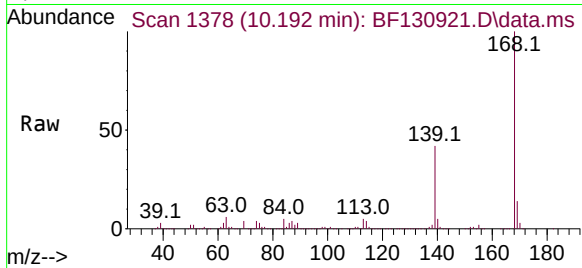




#56
4-Nitrophenol
Concen: 110.341 ng
RT: 10.192 min Scan# 1361
Delta R.T. 0.100 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

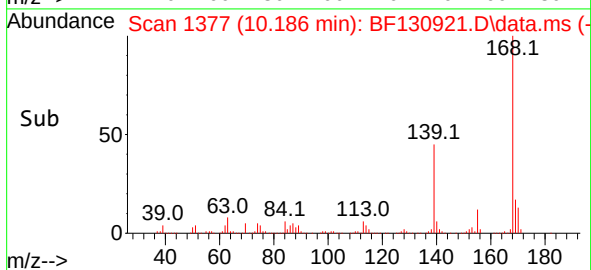
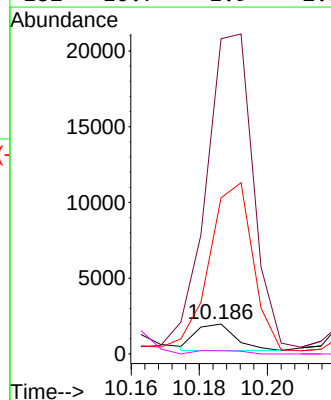
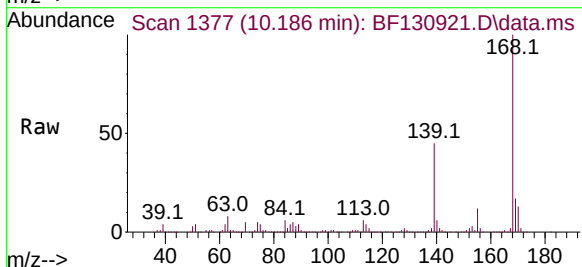
Instrument :
BNA_F
ClientSampleId :

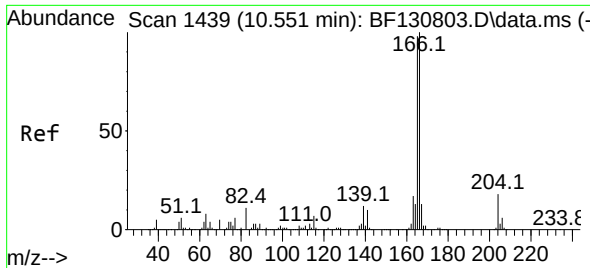
Tgt Ion:139 Resp: 122112
Ion Ratio Lower Upper
139 100
109 1.1 69.3 109.3#
65 1.7 105.3 145.3#



#57
2,4-Dinitrotoluene
Concen: 4.466 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Tgt Ion:165 Resp: 1410
Ion Ratio Lower Upper
165 100
63 1053.4 39.8 59.6#
89 521.7 61.9 92.9#
182 10.7 1.9 2.9#

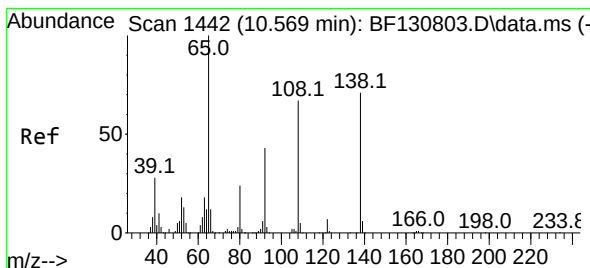
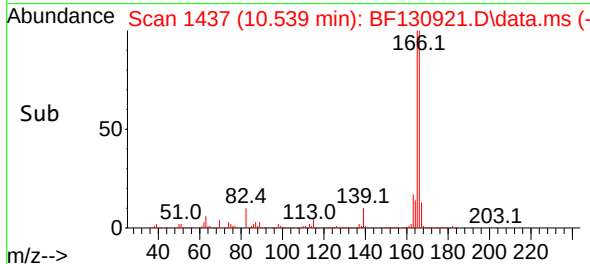
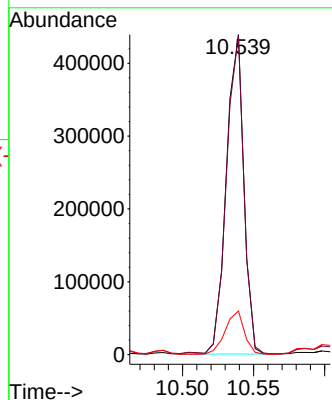
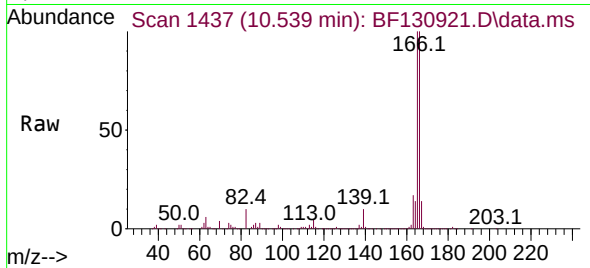




#58
Fluorene
Concen: 56.158 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

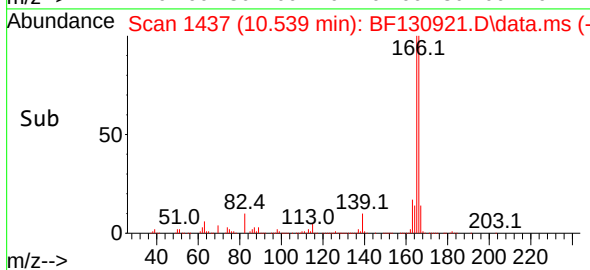
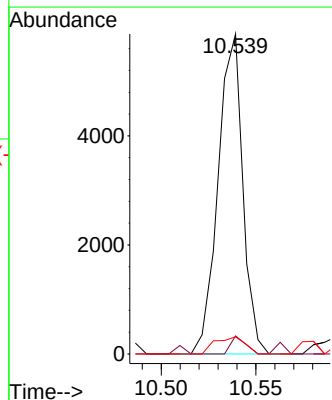
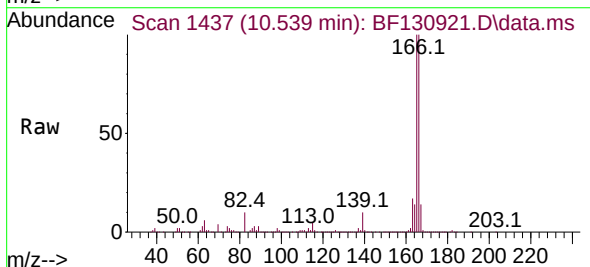
Instrument :
BNA_F
ClientSampleId :

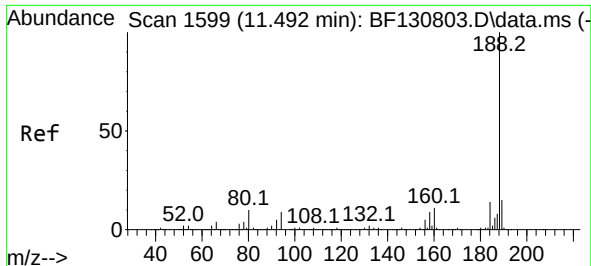
Tgt Ion:166 Resp: 373811
Ion Ratio Lower Upper
166 100
165 99.8 78.1 117.1
167 13.7 10.4 15.6



#62
4-Nitroaniline
Concen: 3.757 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.018 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Tgt Ion:138 Resp: 5317
Ion Ratio Lower Upper
138 100
92 5.6 40.6 80.6#
108 5.3 74.7 114.7#

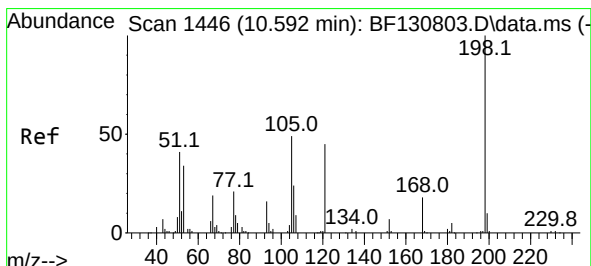
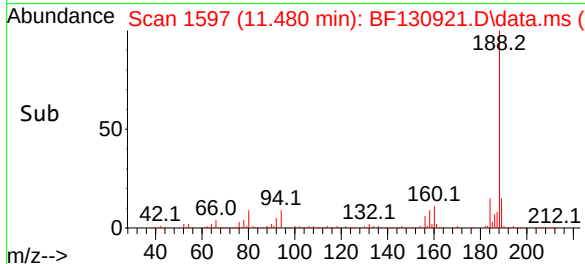
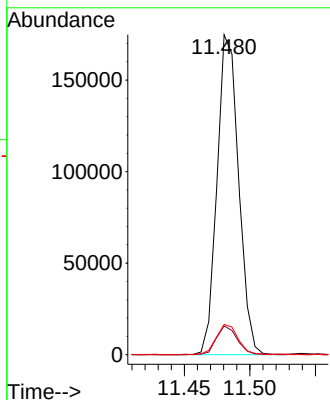
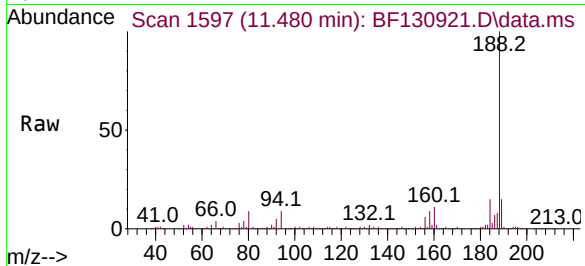




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

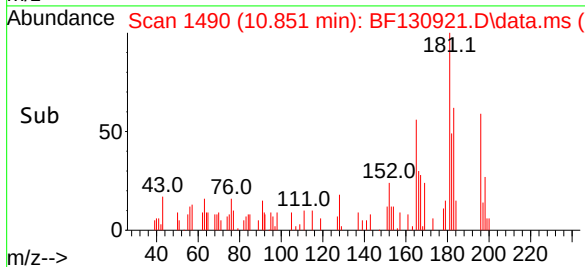
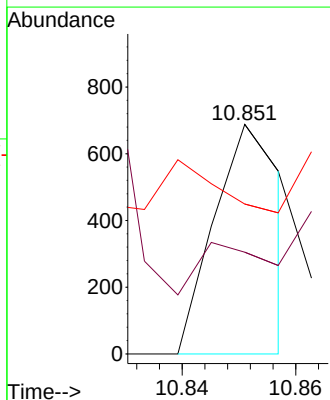
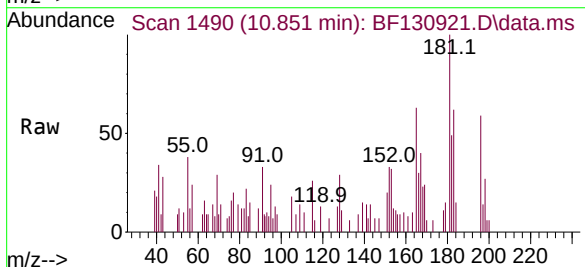
Instrument :
BNA_F
ClientSampleId :

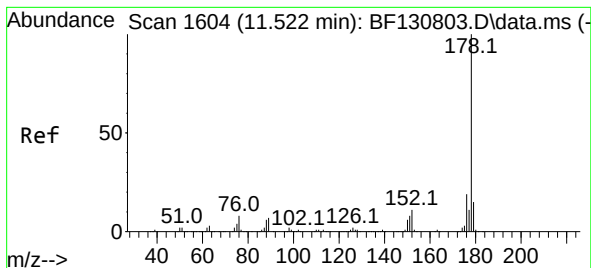
Tgt Ion:188 Resp: 199574
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.5 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.501 ng
RT: 10.851 min Scan# 1490
Delta R.T. 0.271 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Tgt Ion:198 Resp: 572
Ion Ratio Lower Upper
198 100
51 44.3 39.0 79.0
105 65.3 30.6 70.6





#71

Phenanthrene

Concen: 221.625 ng

RT: 11.522 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF130921.D

Acq: 02 Nov 2022 02:24

Instrument :

BNA_F

ClientSampleId :

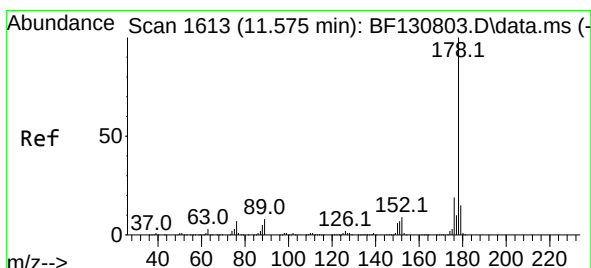
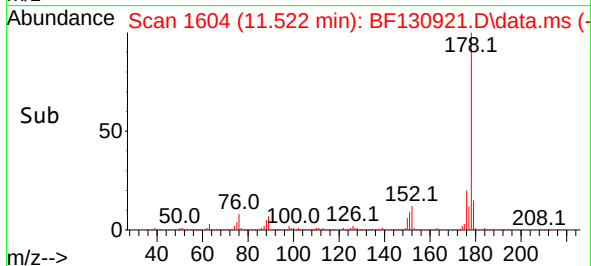
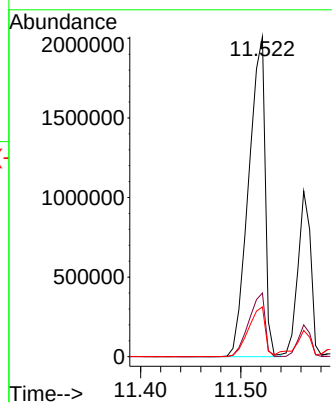
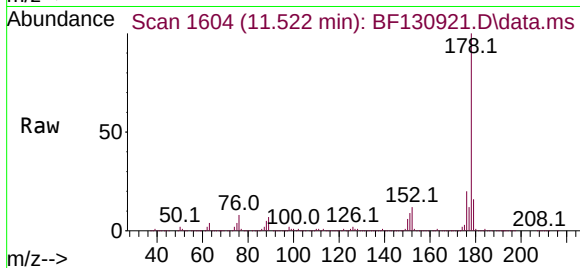
Tgt Ion:178 Resp: 2282884

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

179 15.6 12.2 18.2



#72

Anthracene

Concen: 91.620 ng

RT: 11.563 min Scan# 1611

Delta R.T. 0.006 min

Lab File: BF130921.D

Acq: 02 Nov 2022 02:24

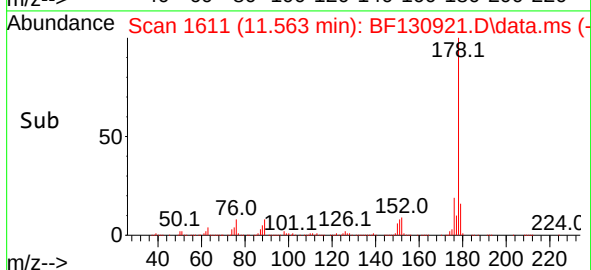
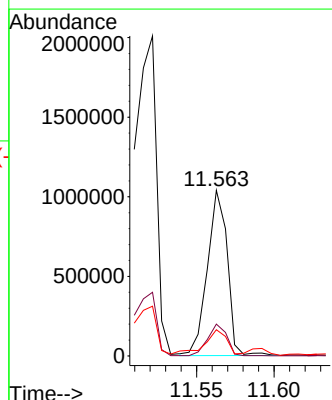
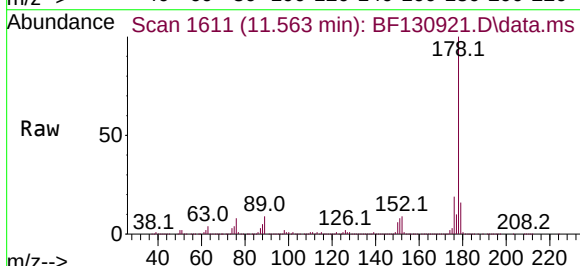
Tgt Ion:178 Resp: 930850

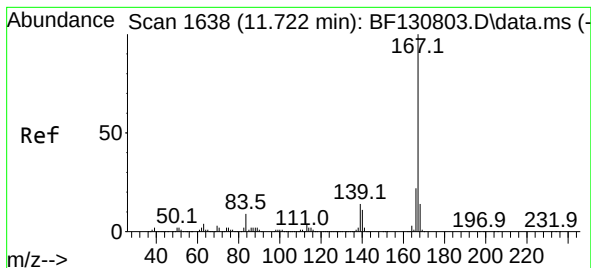
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.9 12.2 18.4





#73

Carbazole

Concen: 16.728 ng

RT: 11.710 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130921.D

Acq: 02 Nov 2022 02:24

Instrument :

BNA_F

ClientSampleId :

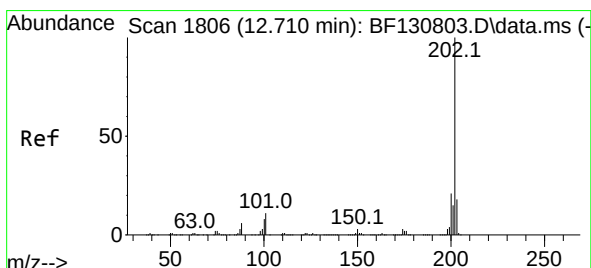
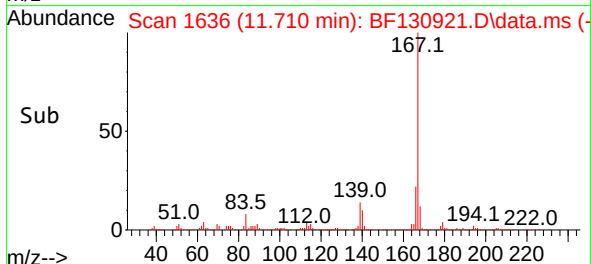
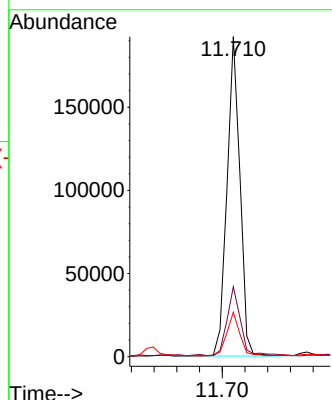
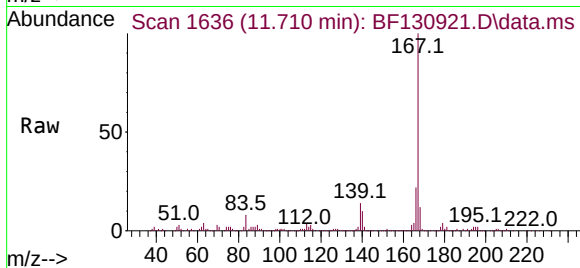
Tgt Ion:167 Resp: 152200

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 13.9 11.3 16.9



#75

Fluoranthene

Concen: 213.504 ng

RT: 12.716 min Scan# 1807

Delta R.T. 0.018 min

Lab File: BF130921.D

Acq: 02 Nov 2022 02:24

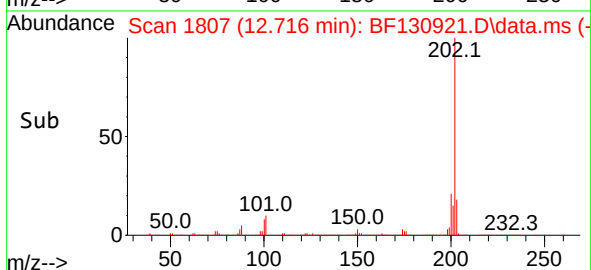
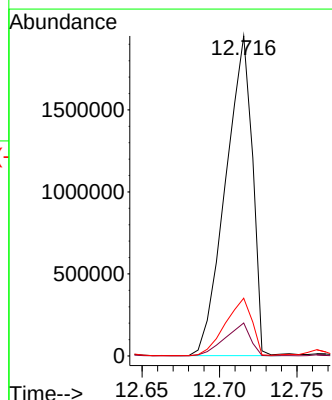
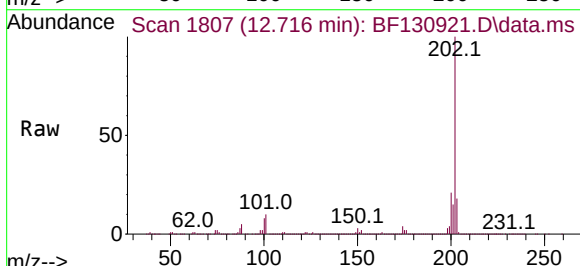
Tgt Ion:202 Resp: 2336665

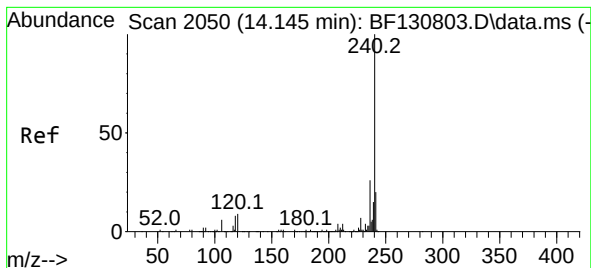
Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.9

203 18.1 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2050

Delta R.T. 0.012 min

Lab File: BF130921.D

Acq: 02 Nov 2022 02:24

Instrument :

BNA_F

ClientSampleId :

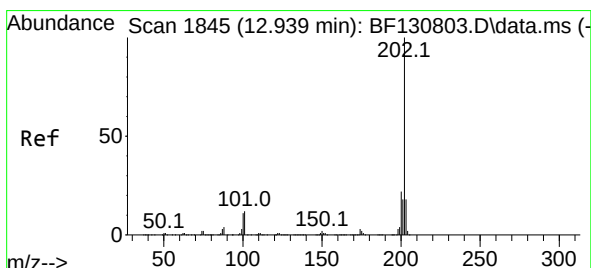
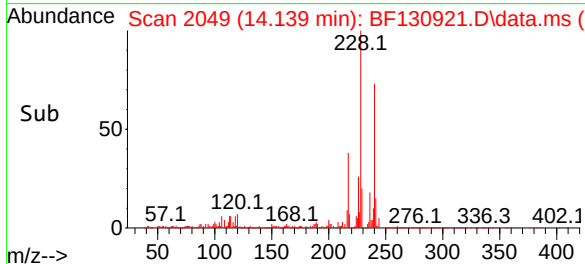
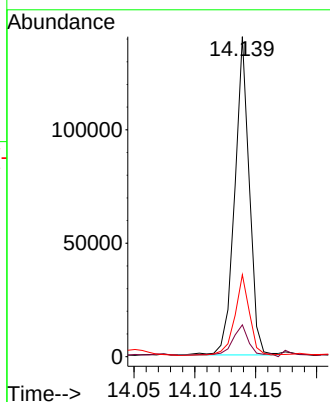
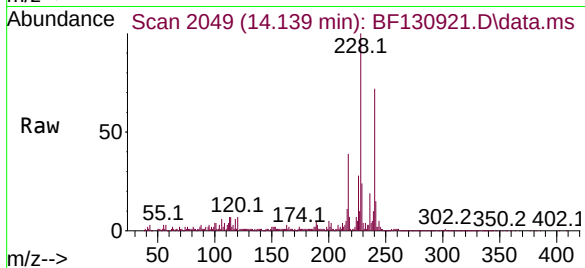
Tgt Ion:240 Resp: 116542

Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.4

236 25.6 20.5 30.7



#78

Pyrene

Concen: 213.657 ng

RT: 12.945 min Scan# 1846

Delta R.T. 0.018 min

Lab File: BF130921.D

Acq: 02 Nov 2022 02:24

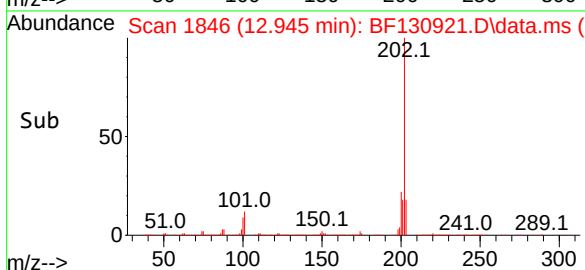
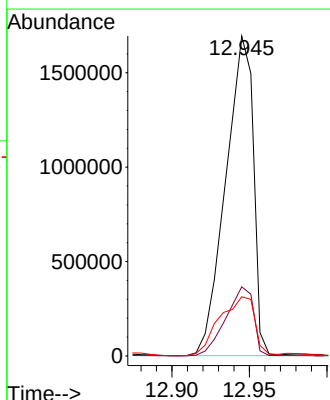
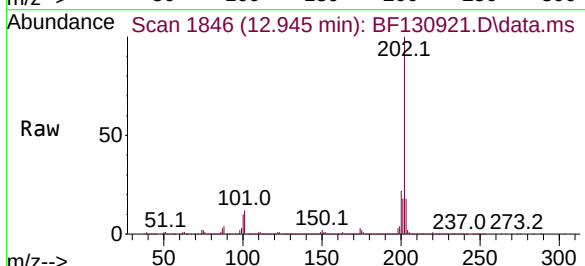
Tgt Ion:202 Resp: 2100757

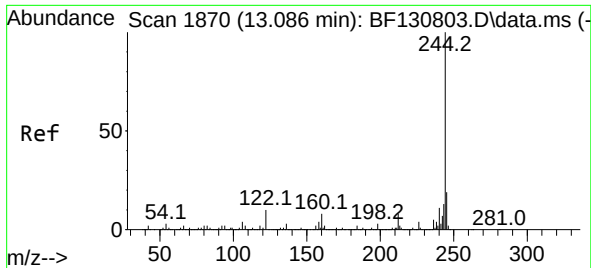
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 18.5 14.5 21.7

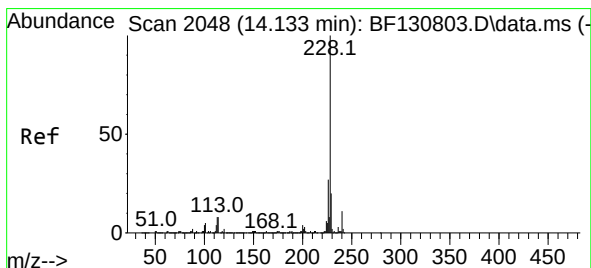
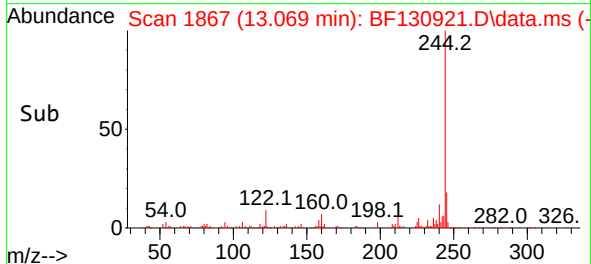
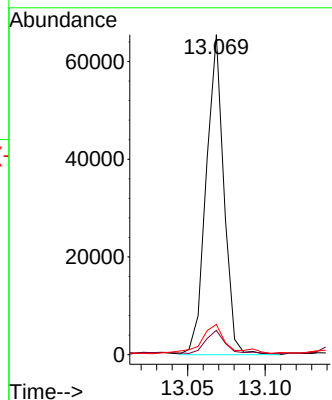
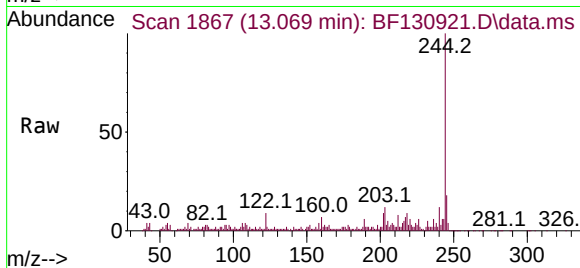




#79
 Terphenyl-d14
 Concen: 8.173 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130921.D
 Acq: 02 Nov 2022 02:24

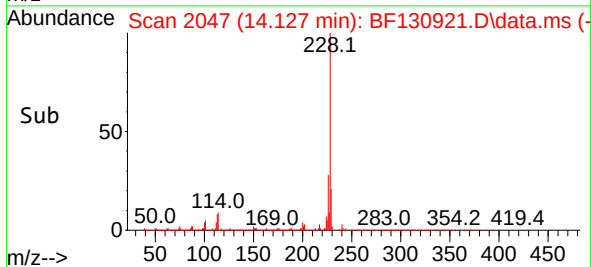
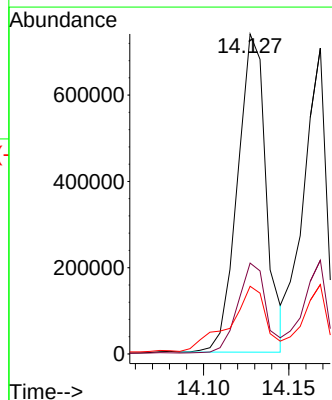
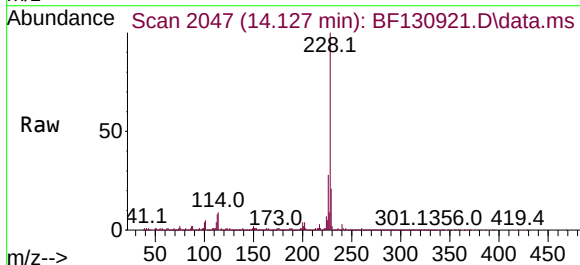
Instrument :
 BNA_F
 ClientSampleId :

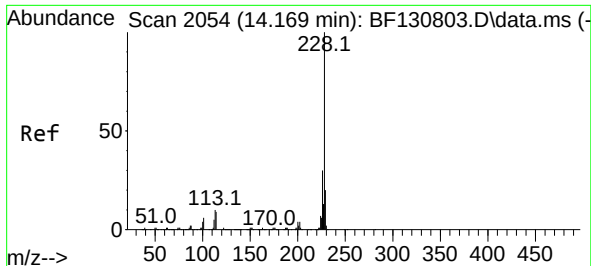
Tgt Ion:244 Resp: 51982
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.5 7.9 11.9



#81
 Benzo(a)anthracene
 Concen: 111.310 ng
 RT: 14.127 min Scan# 2047
 Delta R.T. 0.012 min
 Lab File: BF130921.D
 Acq: 02 Nov 2022 02:24

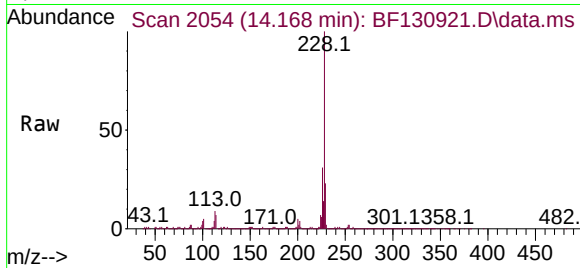
Tgt Ion:228 Resp: 860061
 Ion Ratio Lower Upper
 228 100
 226 28.4 21.4 32.2
 229 21.2 15.8 23.6



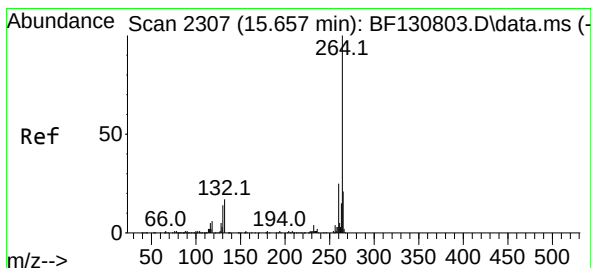
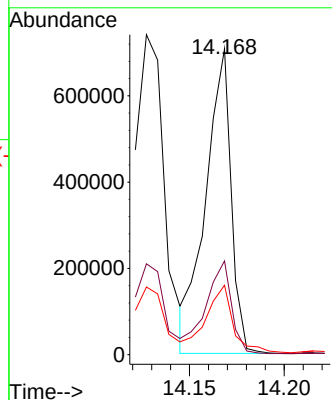
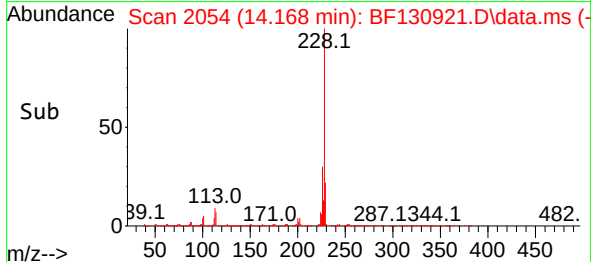


#83
Chrysene
Concen: 88.688 ng
RT: 14.168 min Scan# 2054
Delta R.T. 0.012 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Instrument :
BNA_F
ClientSampleId :

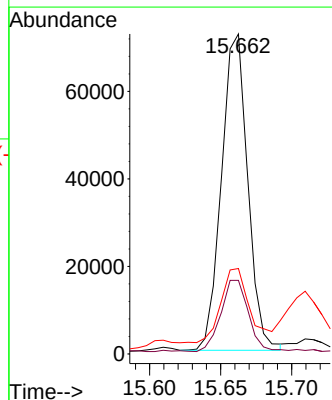
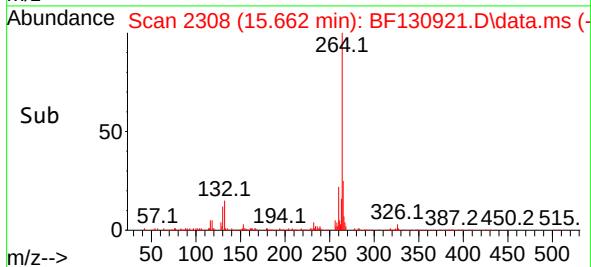
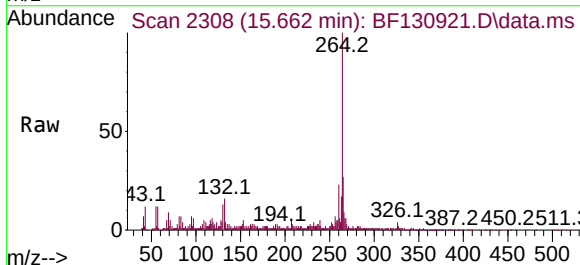


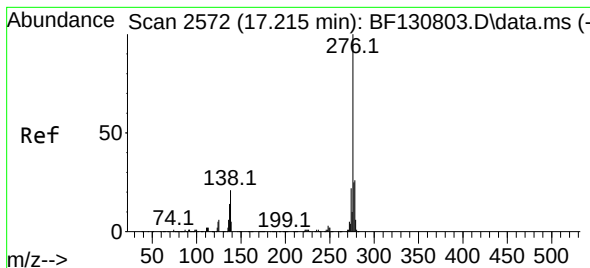
Tgt Ion:228 Resp: 660997
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 22.7 15.8 23.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.662 min Scan# 2308
Delta R.T. 0.018 min
Lab File: BF130921.D
Acq: 02 Nov 2022 02:24

Tgt Ion:264 Resp: 92973
Ion Ratio Lower Upper
264 100
260 23.0 19.9 29.9
265 26.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.165 ng

RT: 17.215 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF130921.D

Acq: 02 Nov 2022 02:24

Instrument :

BNA_F

ClientSampleId :

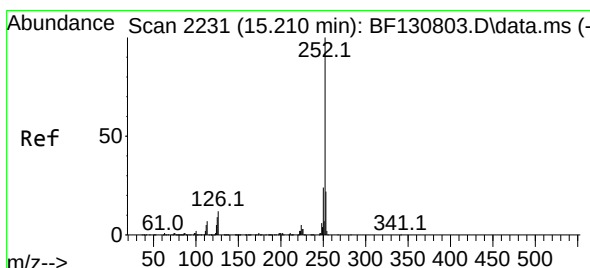
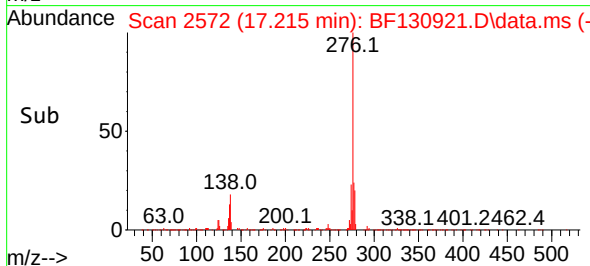
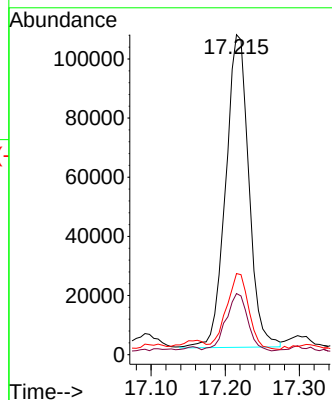
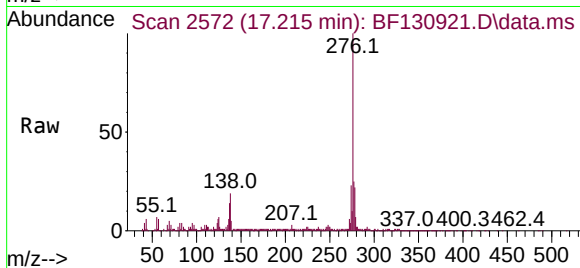
Tgt Ion:276 Resp: 229459

Ion Ratio Lower Upper

276 100

138 17.4 19.1 28.7#

277 23.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 141.914 ng

RT: 15.215 min Scan# 2232

Delta R.T. 0.024 min

Lab File: BF130921.D

Acq: 02 Nov 2022 02:24

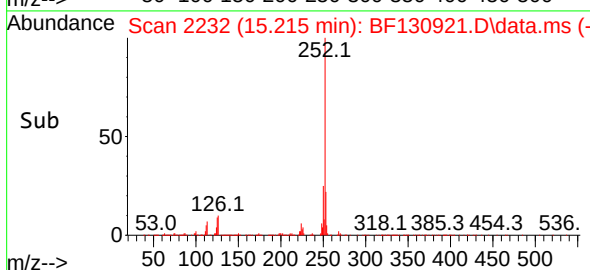
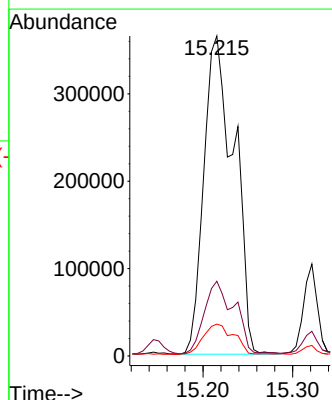
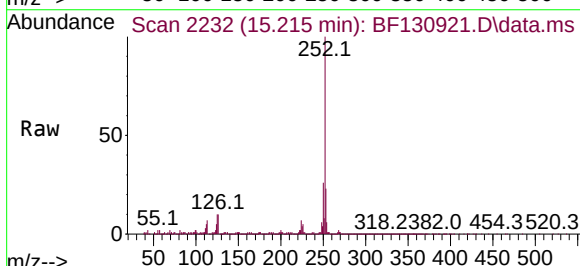
Tgt Ion:252 Resp: 852912

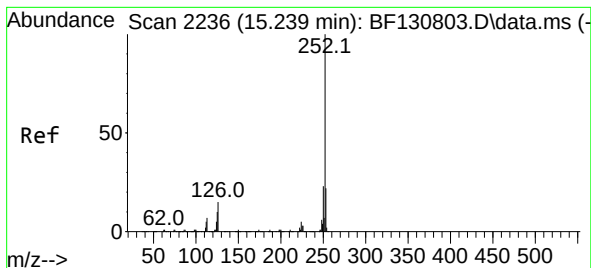
Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 9.9 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 145.638 ng

RT: 15.215 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF130921.D

Acq: 02 Nov 2022 02:24

Instrument :

BNF

ClientSampleId :

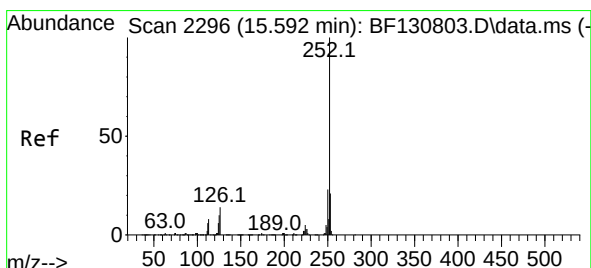
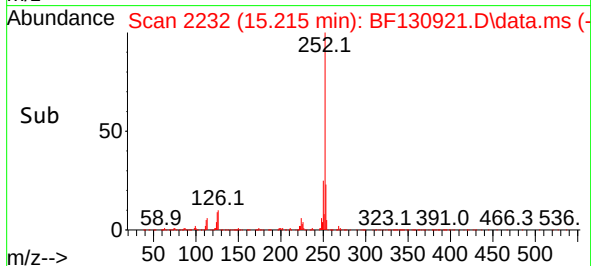
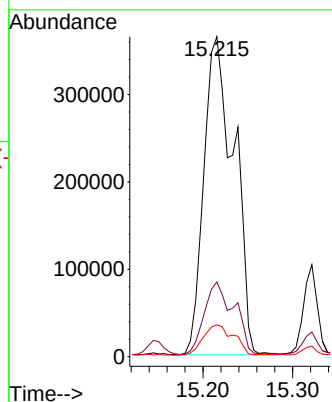
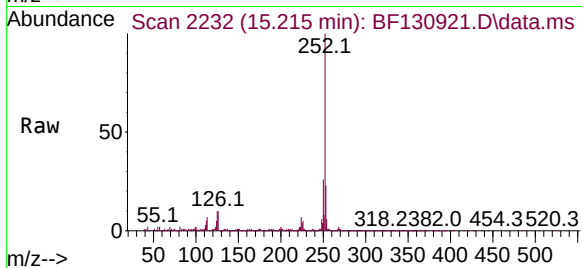
Tgt Ion:252 Resp: 852912

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 9.9 8.0 12.0



#90

Benzo(a)pyrene

Concen: 106.290 ng

RT: 15.598 min Scan# 2297

Delta R.T. 0.018 min

Lab File: BF130921.D

Acq: 02 Nov 2022 02:24

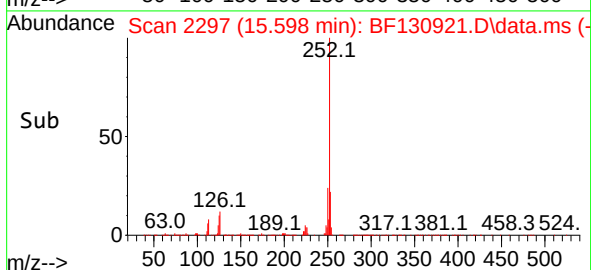
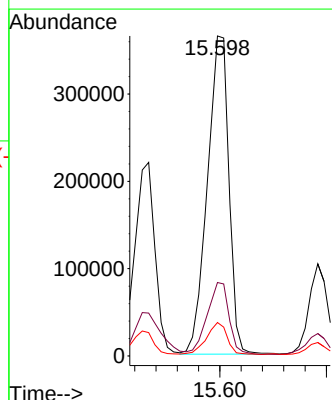
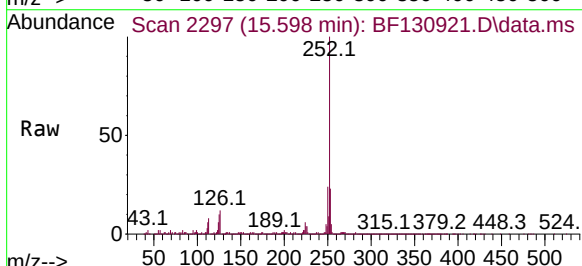
Tgt Ion:252 Resp: 513522

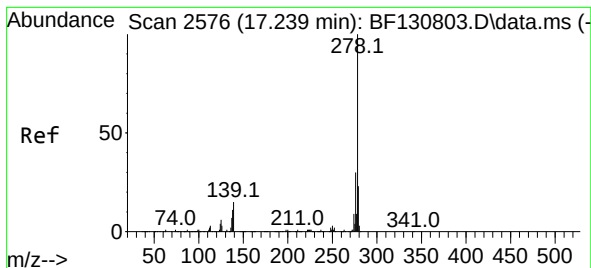
Ion Ratio Lower Upper

252 100

253 22.9 16.8 25.2

125 10.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 6.425 ng

RT: 17.468 min Scan# 2

Delta R.T. 0.253 min

Lab File: BF130921.D

Acq: 02 Nov 2022 02:24

Instrument :

BNA_F

ClientSampleId :

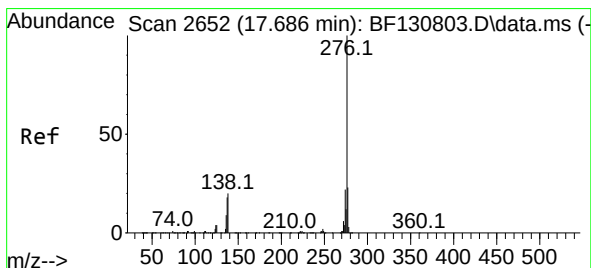
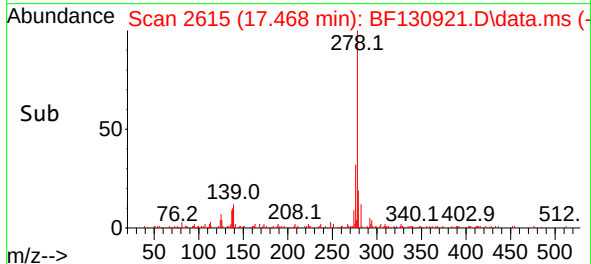
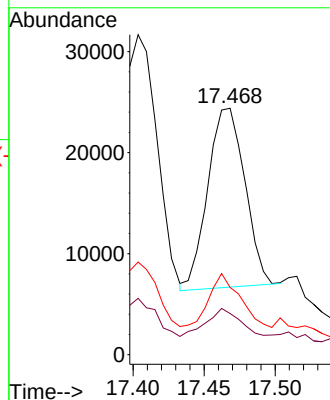
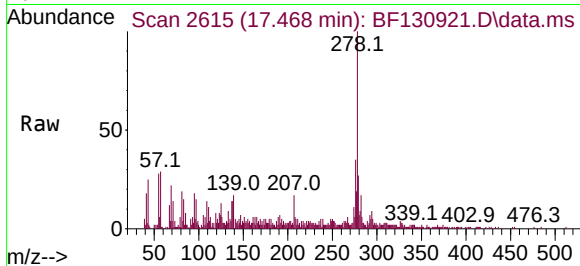
Tgt Ion:278 Resp: 32336

Ion Ratio Lower Upper

278 100

139 16.7 11.9 17.9

279 27.3 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 40.017 ng

RT: 17.692 min Scan# 2653

Delta R.T. 0.024 min

Lab File: BF130921.D

Acq: 02 Nov 2022 02:24

Tgt Ion:276 Resp: 205481

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 17.4 16.3 24.5

