

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130908.D
 Acq On : 01 Nov 2022 19:26
 Operator : CG\JU
 Sample : N5234-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:23:05 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

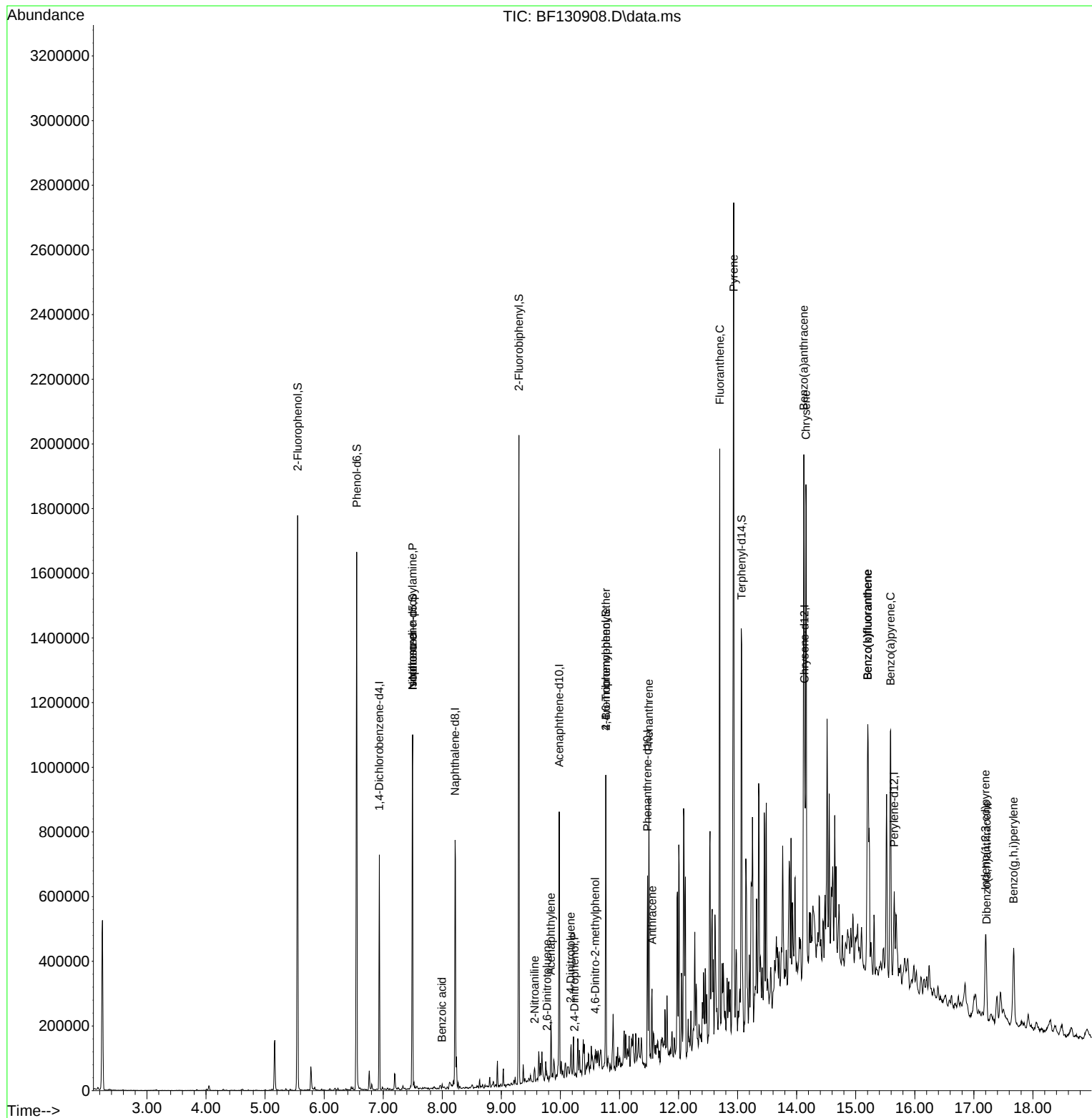
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	87648	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	313560	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	138136	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	194014	20.000	ng	0.00
76) Chrysene-d12	14.133	240	152797	20.000	ng	0.00
86) Perylene-d12	15.651	264	111245	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	405906	80.285	ng	0.00
7) Phenol-d6	6.551	99	498524	75.879	ng	0.00
23) Nitrobenzene-d5	7.498	82	334448	64.316	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	81687	70.249	ng	-0.01
45) 2-Fluorobiphenyl	9.298	172	551431	60.353	ng	0.00
79) Terphenyl-d14	13.069	244	416809	49.987	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.498	70	47268	10.574	ng	# 75
25) Isophorone	7.498	82	333060	31.059	ng	# 66
32) Benzoic acid	7.992	122	214	7.737	ng	# 53
48) 2-Nitroaniline	9.563	65	393	4.288	ng	# 60
49) Acenaphthylene	9.839	152	52219	4.187	ng	98
51) 2,6-Dinitrotoluene	9.775	165	974	3.297	ng	# 82
54) 2,4-Dinitrophenol	10.239	184	117	4.357	ng	# 36
57) 2,4-Dinitrotoluene	10.175	165	965	4.099	ng	# 45
65) 4,6-Dinitro-2-methylph...	10.586	198	62	7.992	ng	# 1
67) 4-Bromophenyl-phenylether	10.769	248	5397	2.766	ng	# 1
71) Phenanthrene	11.498	178	265197	26.483	ng	99
72) Anthracene	11.551	178	84676	8.573	ng	99
75) Fluoranthene	12.698	202	595149	55.938	ng	98
78) Pyrene	12.933	202	1065194	82.630	ng	100
81) Benzo(a)anthracene	14.121	228	656193	64.774	ng	96
83) Chrysene	14.157	228	608441	62.266	ng	98
87) Indeno(1,2,3-cd)pyrene	17.198	276	190616	25.802	ng	# 95
88) Benzo(b)fluoranthene	15.204	252	634606	88.247	ng	99
89) Benzo(k)fluoranthene	15.204	252	634606	90.563	ng	100
90) Benzo(a)pyrene	15.592	252	411090	71.112	ng	98
91) Dibenzo(a,h)anthracene	17.215	278	60000	9.963	ng	# 93
92) Benzo(g,h,i)perylene	17.674	276	190874	31.067	ng	96

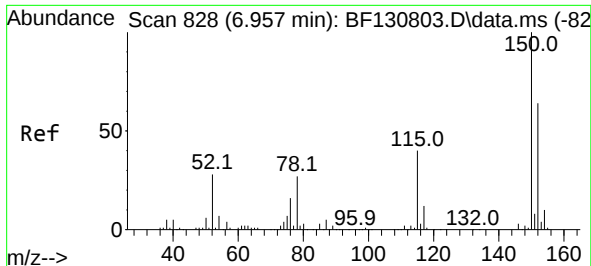
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130908.D
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Misc :
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Instrument :
BNA_F
ClientSampleId :

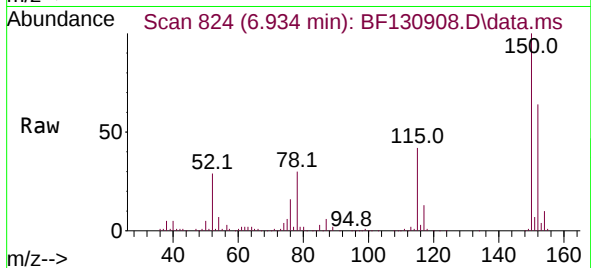
Quant Time: Nov 02 08:23:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 08:18:35 2022
Response via : Initial Calibration



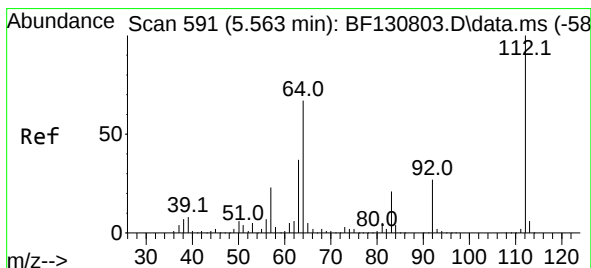
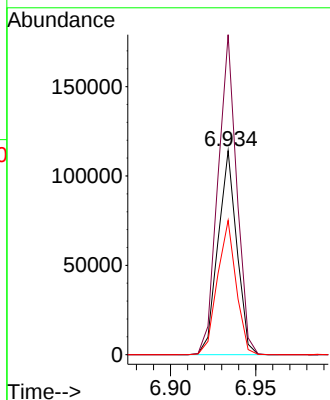
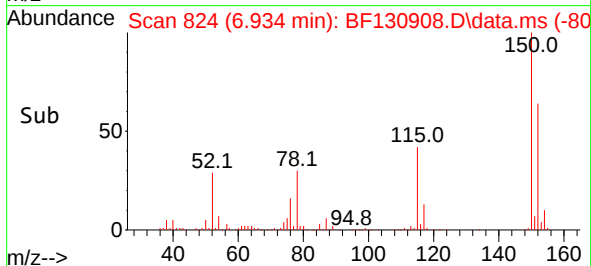


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

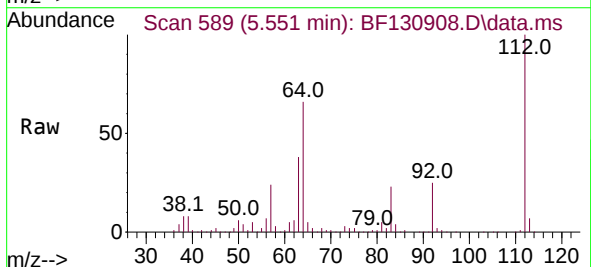
Instrument :
BNA_F
ClientSampleId :



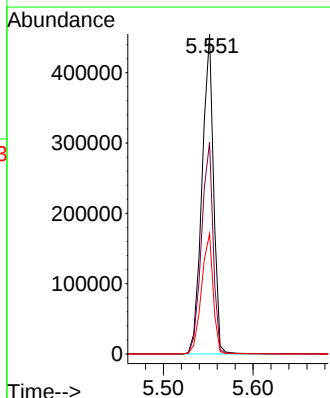
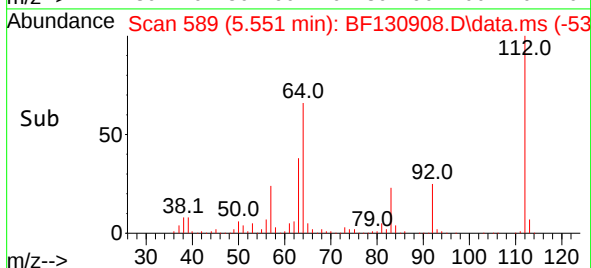
Tgt Ion:152 Resp: 87648
Ion Ratio Lower Upper
152 100
150 156.9 124.1 186.1
115 65.8 50.1 75.1

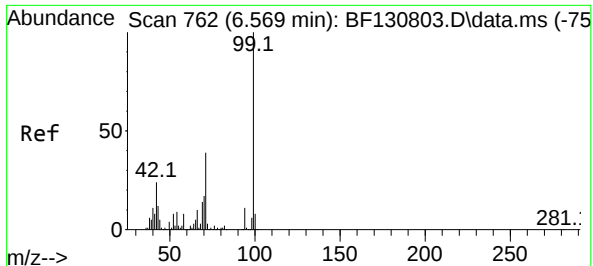


#5
2-Fluorophenol
Concen: 80.285 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.000 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26



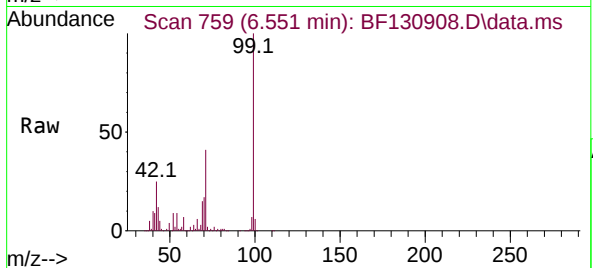
Tgt Ion:112 Resp: 405906
Ion Ratio Lower Upper
112 100
64 66.1 53.9 80.9
63 37.6 29.4 44.2



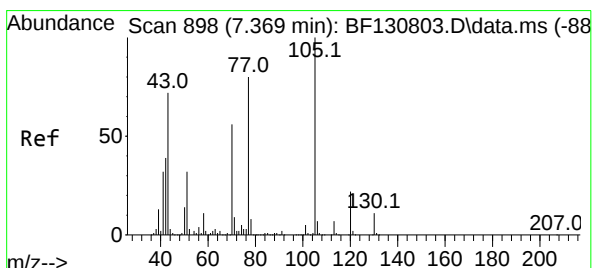
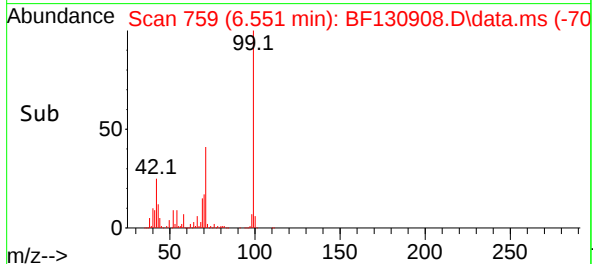
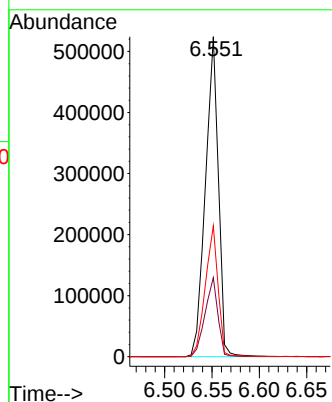


#7
Phenol-d6
Concen: 75.879 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

Instrument :
BNA_F
ClientSampleId :

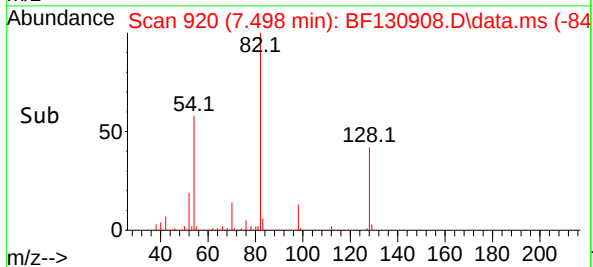
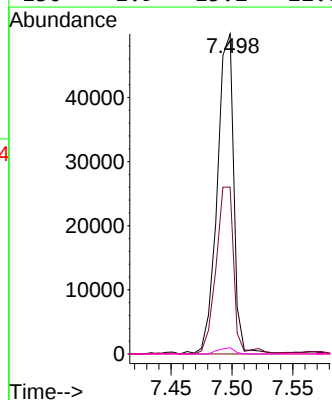
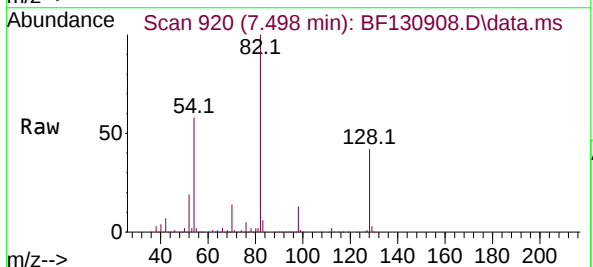


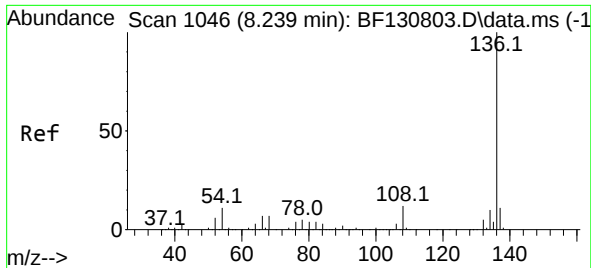
Tgt Ion: 99 Resp: 498524
Ion Ratio Lower Upper
99 100
42 24.7 18.8 28.2
71 40.9 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.574 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.147 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

Tgt Ion: 70 Resp: 47268
Ion Ratio Lower Upper
70 100
42 52.2 56.1 84.1#
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#



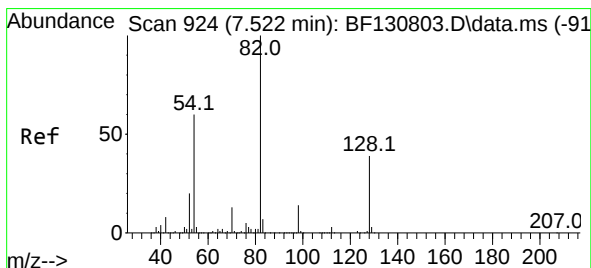
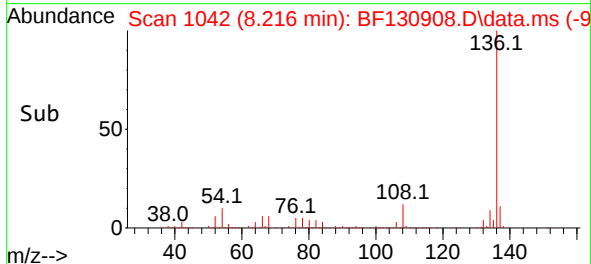
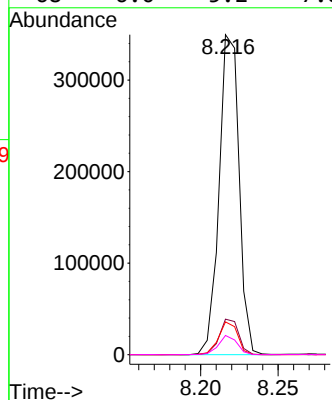
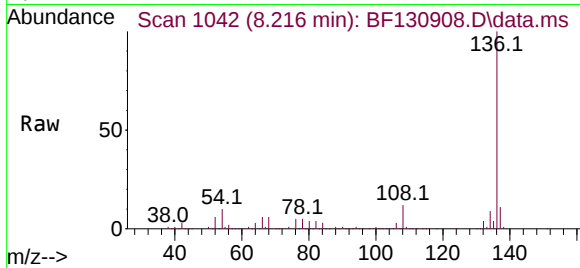


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 313560

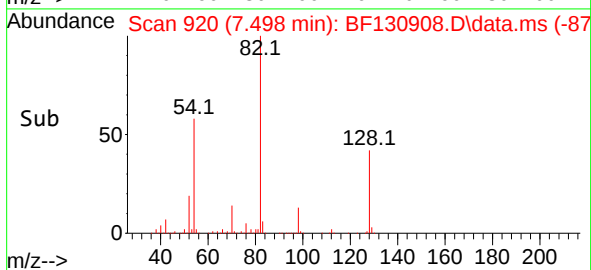
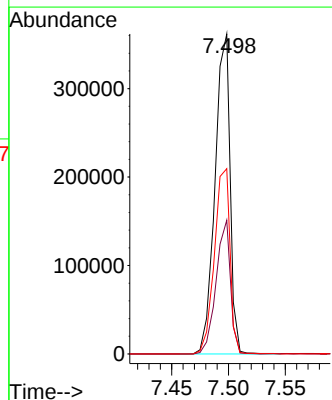
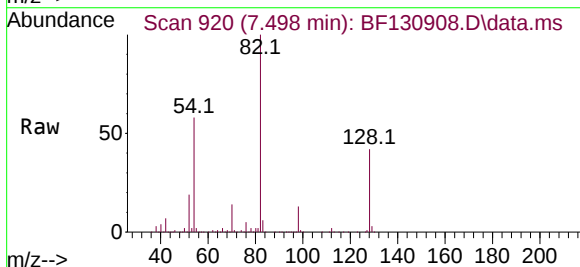
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.2	8.8	13.2
68	6.0	5.2	7.8



#23
Nitrobenzene-d5
Concen: 64.316 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.006 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

Tgt Ion: 82 Resp: 334448

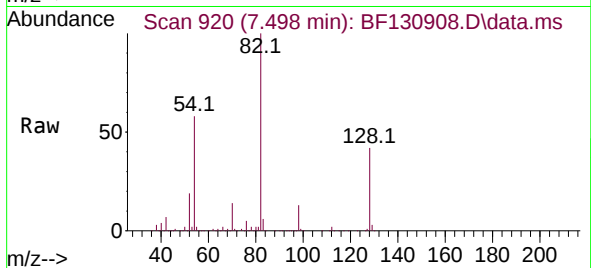
Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.2	46.8
54	57.9	48.0	72.0



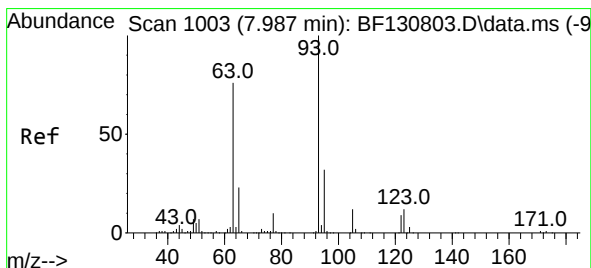
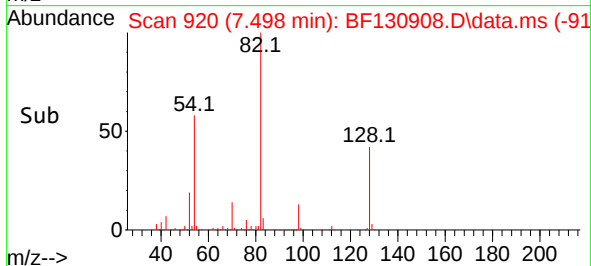
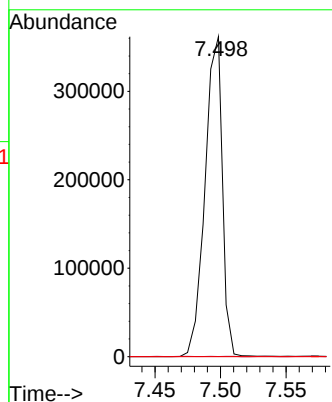


#25
Isophorone
Concen: 31.059 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

Instrument :
BNA_F
ClientSampleId :

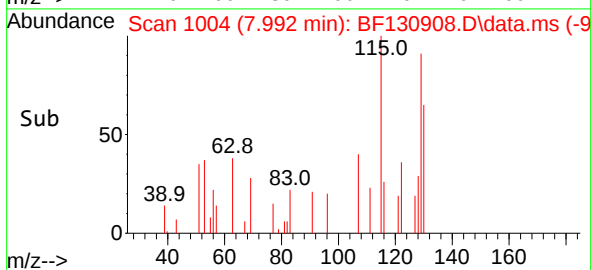
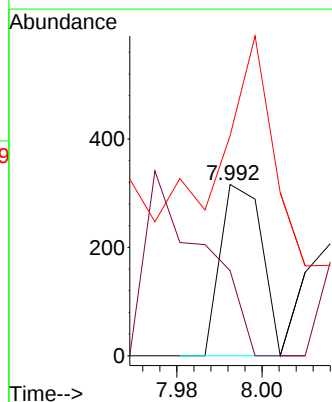
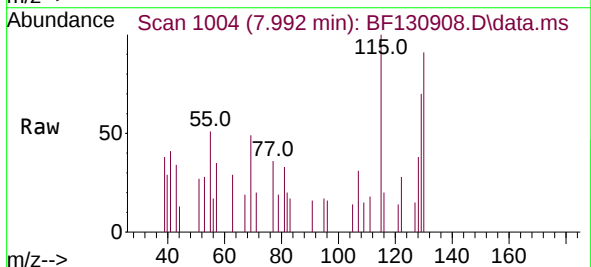


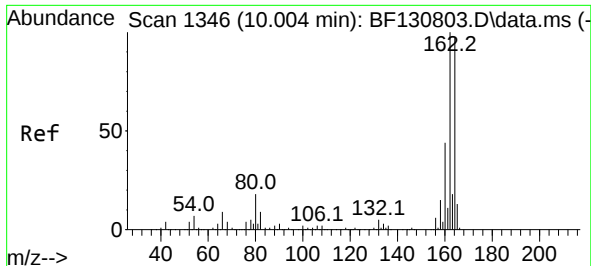
Tgt Ion: 82 Resp: 333060
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.737 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.012 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

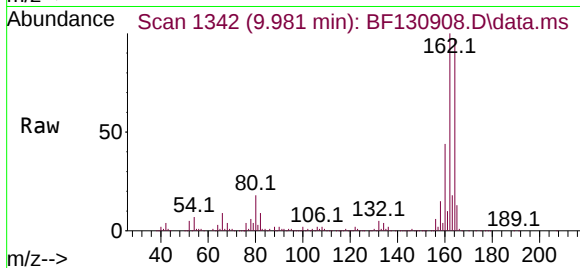
Tgt Ion: 122 Resp: 214
Ion Ratio Lower Upper
122 100
105 49.7 114.5 154.5#
77 128.5 89.8 129.8



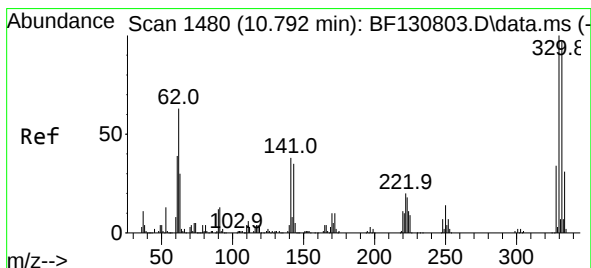
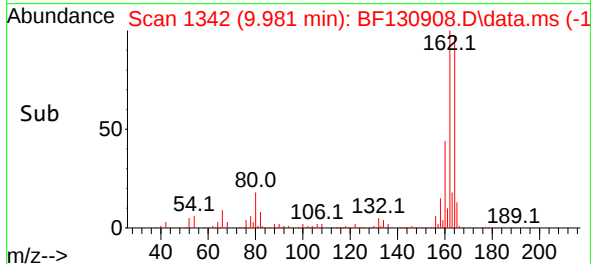
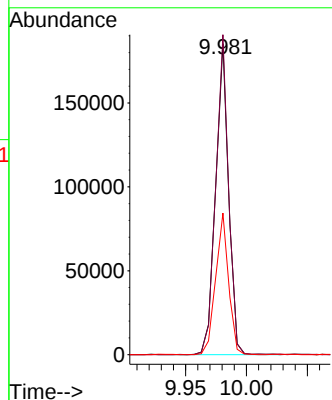


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

Instrument :
BNA_F
ClientSampleId :

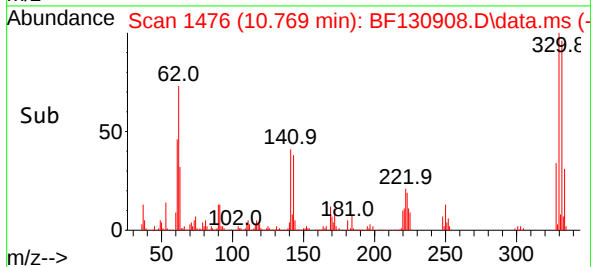
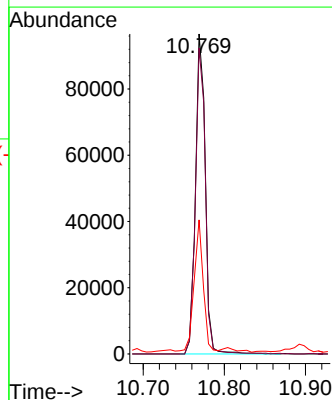
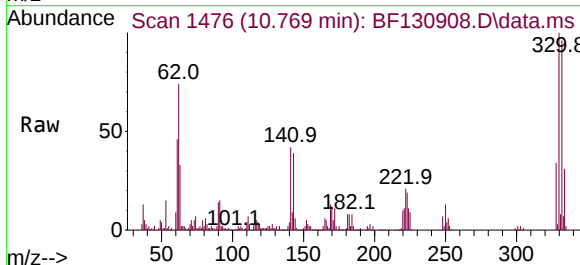


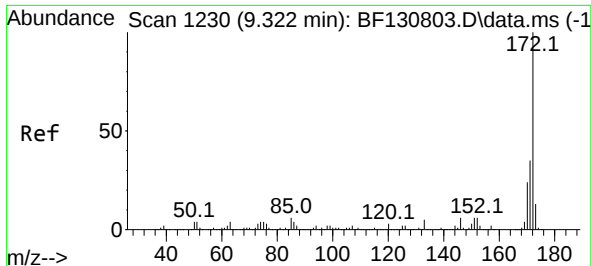
Tgt Ion:164 Resp: 138136
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.2
160 45.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 70.249 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

Tgt Ion:330 Resp: 81687
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 37.5 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 60.353 ng

RT: 9.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

Instrument :

BNA_F

ClientSampleId :

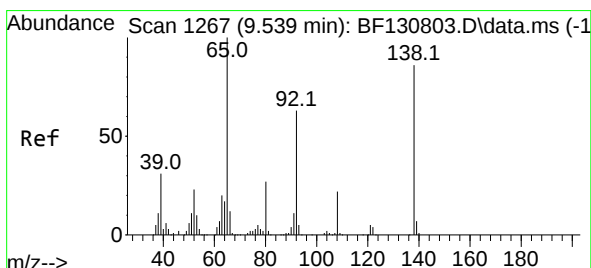
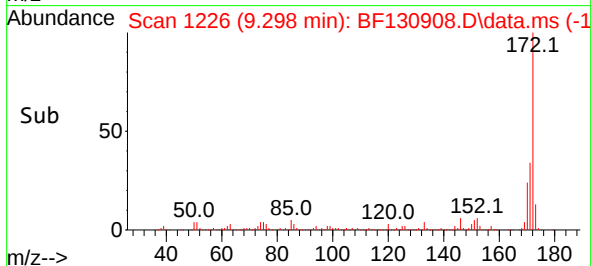
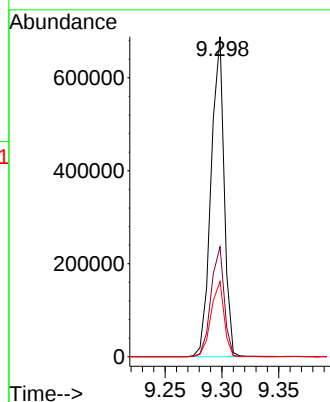
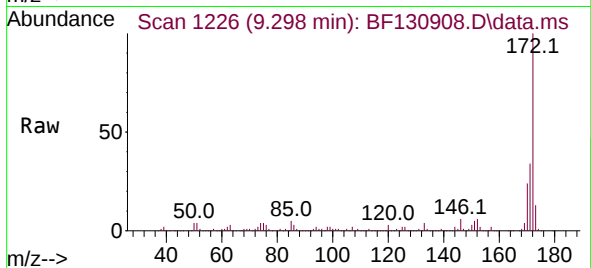
Tgt Ion:172 Resp: 551431

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.5 19.0 28.4



#48

2-Nitroaniline

Concen: 4.288 ng

RT: 9.563 min Scan# 1271

Delta R.T. 0.035 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

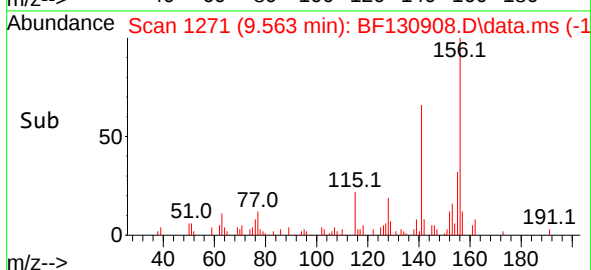
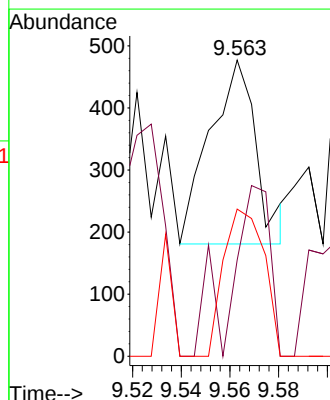
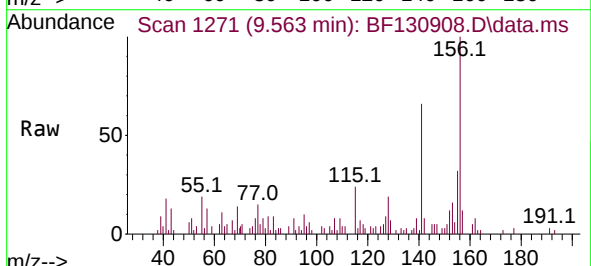
Tgt Ion: 65 Resp: 393

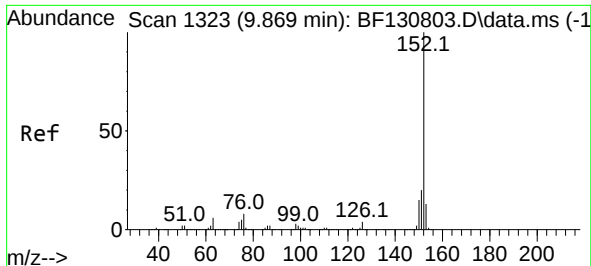
Ion Ratio Lower Upper

65 100

92 32.5 50.1 75.1#

138 49.7 69.2 103.8#





#49

Acenaphthylene

Concen: 4.187 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

Instrument :

BNA_F

ClientSampleId :

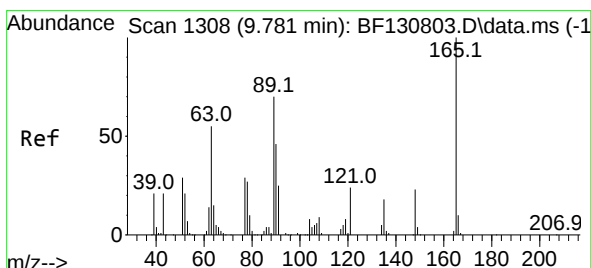
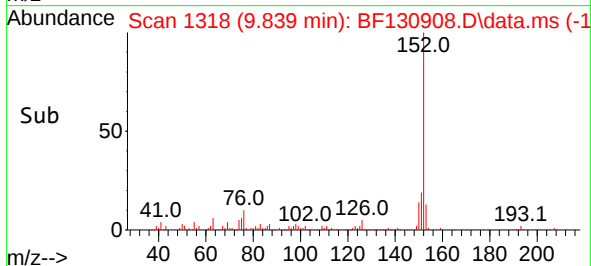
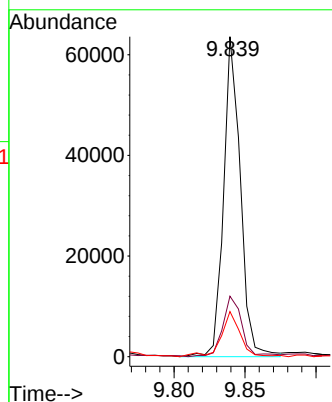
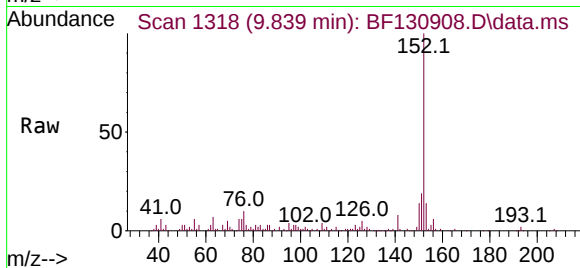
Tgt Ion:152 Resp: 52219

Ion Ratio Lower Upper

152 100

151 18.9 15.8 23.8

153 14.1 10.2 15.4



#51

2,6-Dinitrotoluene

Concen: 3.297 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.006 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

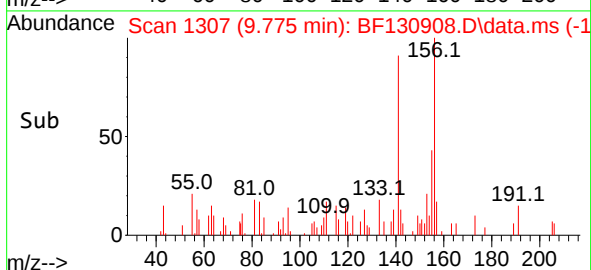
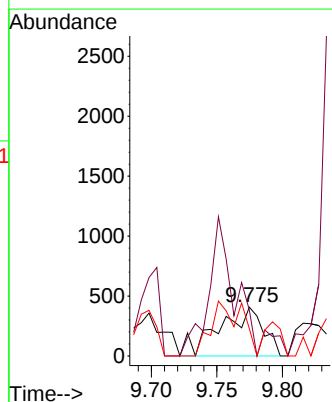
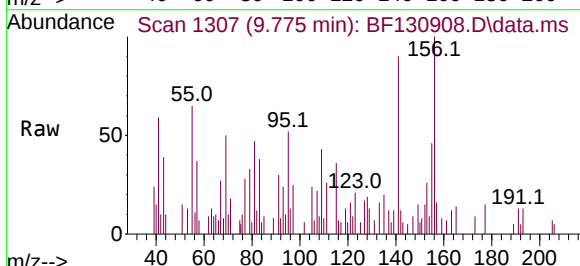
Tgt Ion:165 Resp: 974

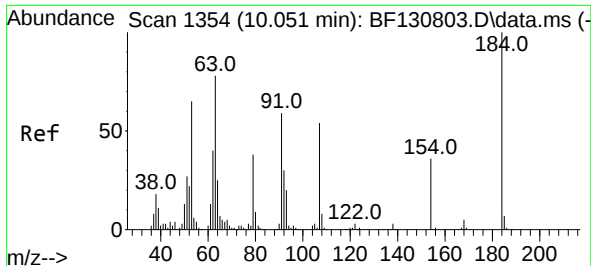
Ion Ratio Lower Upper

165 100

63 94.1 61.8 92.8#

89 56.0 56.2 84.4#

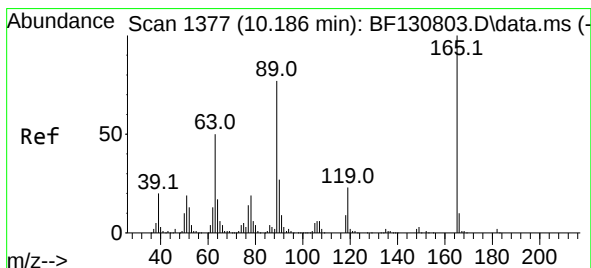
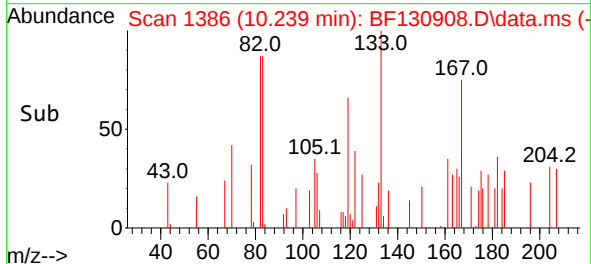
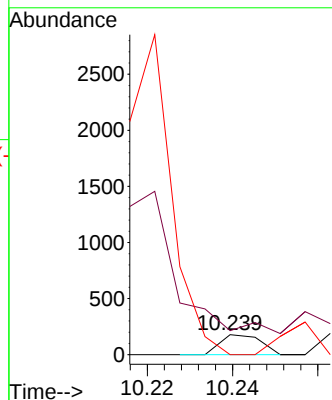
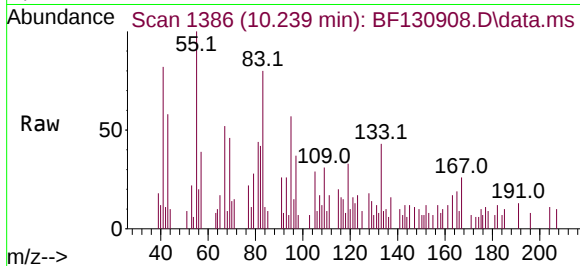




#54
2,4-Dinitrophenol
Concen: 4.357 ng
RT: 10.239 min Scan# 117
Delta R.T. 0.194 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

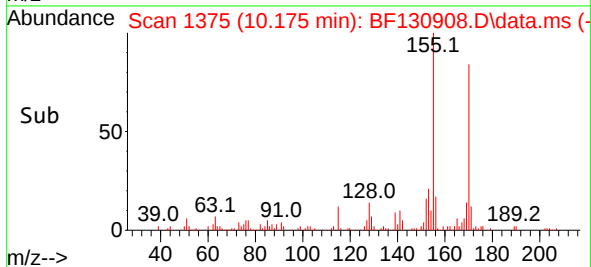
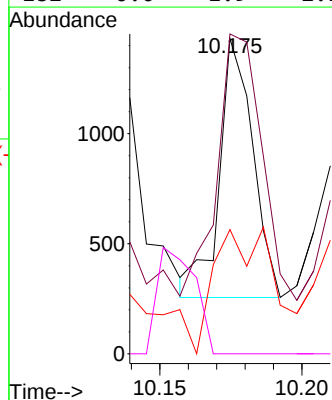
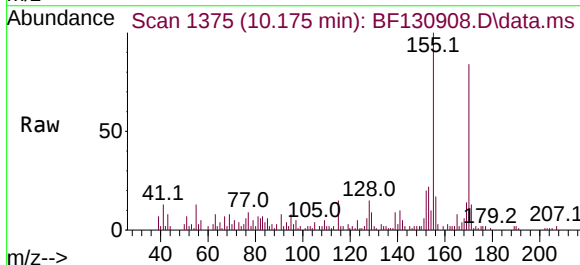
Instrument :
BNA_F
ClientSampleId :

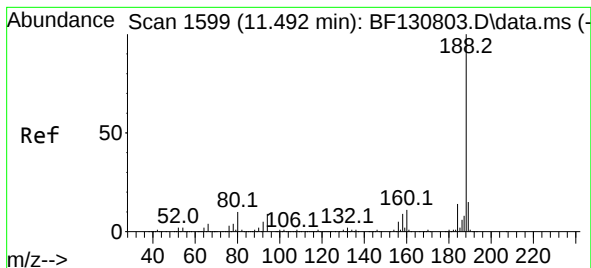
Tgt Ion:184 Resp: 117
Ion Ratio Lower Upper
184 100
63 120.2 66.7 100.1#
154 0.0 62.2 93.2#



#57
2,4-Dinitrotoluene
Concen: 4.099 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

Tgt Ion:165 Resp: 965
Ion Ratio Lower Upper
165 100
63 101.5 39.8 59.6#
89 39.4 61.9 92.9#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.475 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

Instrument :

BNA_F

ClientSampleId :

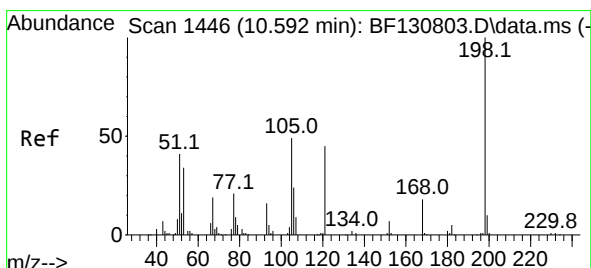
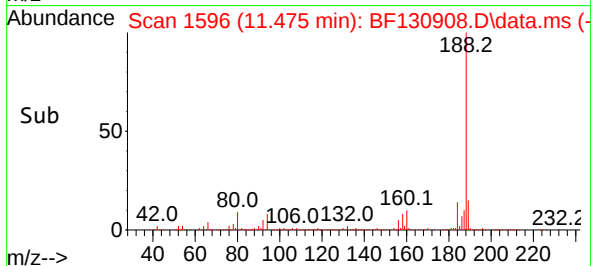
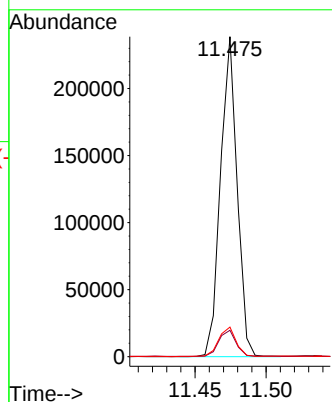
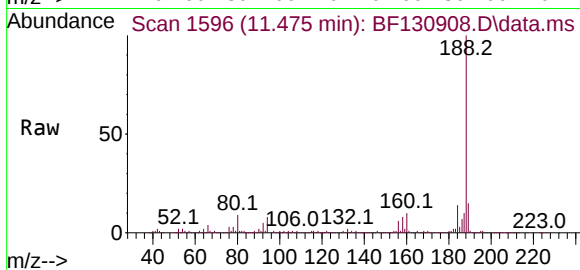
Tgt Ion:188 Resp: 194014

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

80 9.3 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 7.992 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.006 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

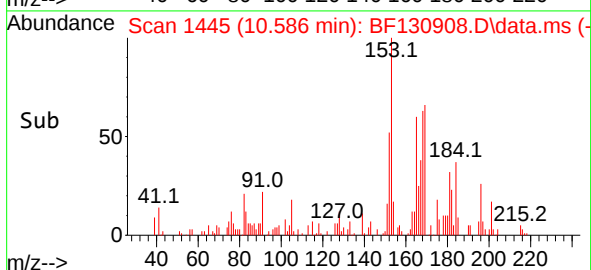
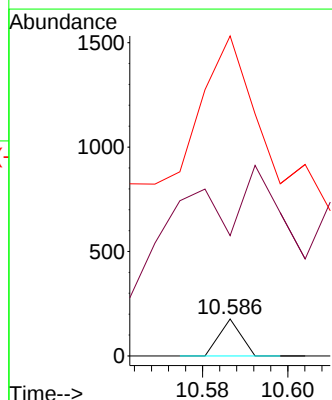
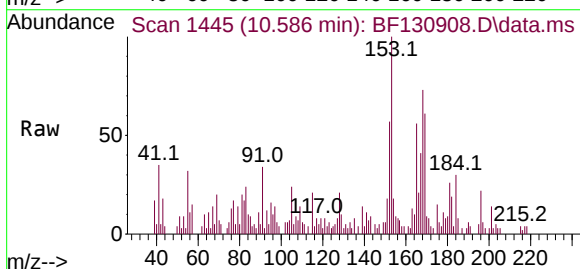
Tgt Ion:198 Resp: 62

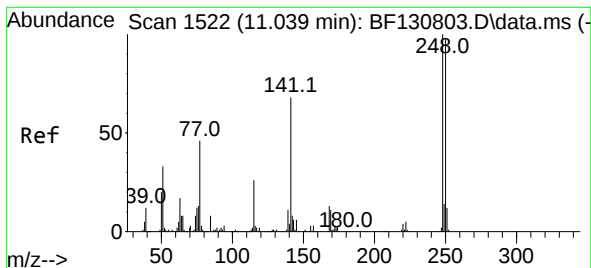
Ion Ratio Lower Upper

198 100

51 325.4 39.0 79.0#

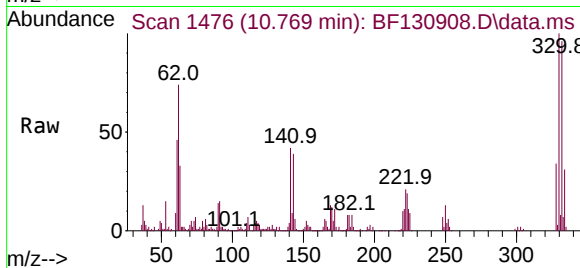
105 865.5 30.6 70.6#



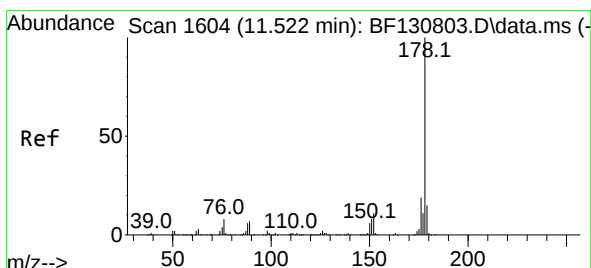
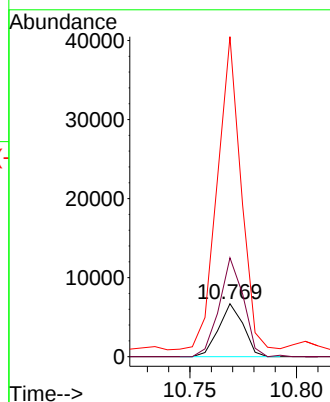
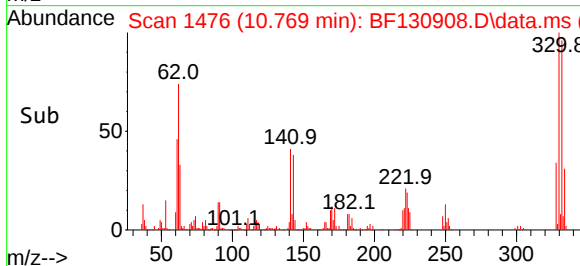


#67
4-Bromophenyl-phenylether
Concen: 2.766 ng
RT: 10.769 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

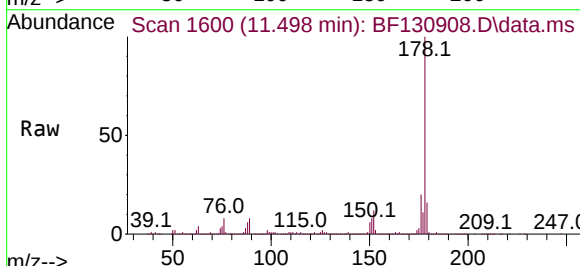
Instrument :
BNA_F
ClientSampleId :



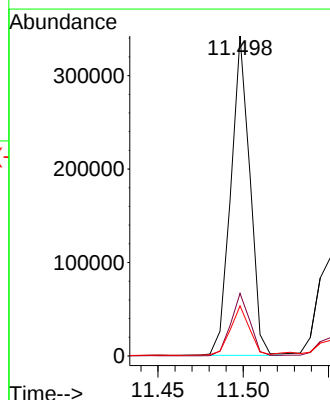
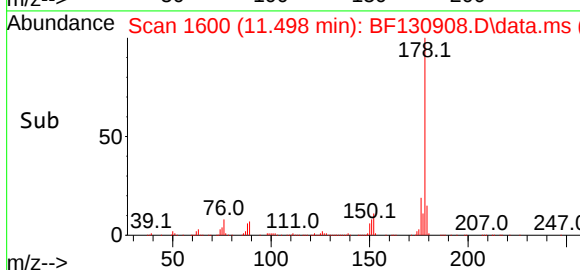
Tgt Ion:248 Resp: 5397
Ion Ratio Lower Upper
248 100
250 186.6 78.6 117.8#
141 603.7 54.2 81.4#

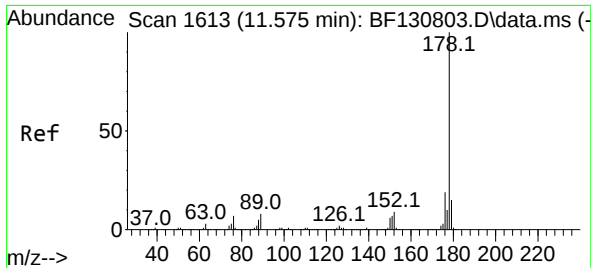


#71
Phenanthrene
Concen: 26.483 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26



Tgt Ion:178 Resp: 265197
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.6 12.2 18.2

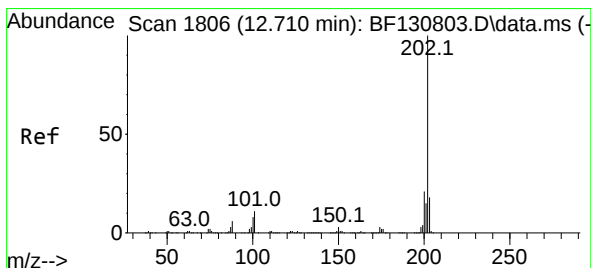
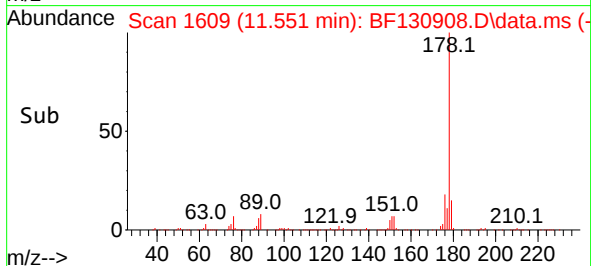
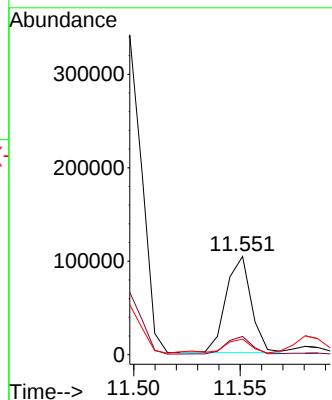
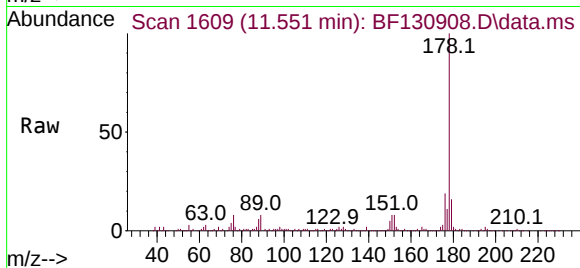




#72
 Anthracene
 Concen: 8.573 ng
 RT: 11.551 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF130908.D
 Acq: 01 Nov 2022 19:26

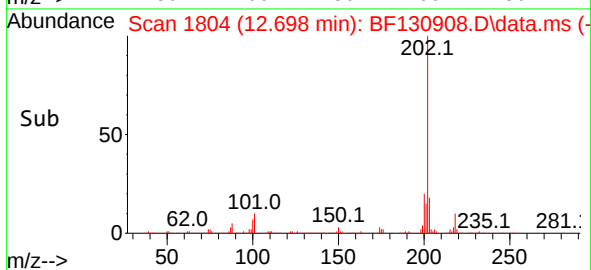
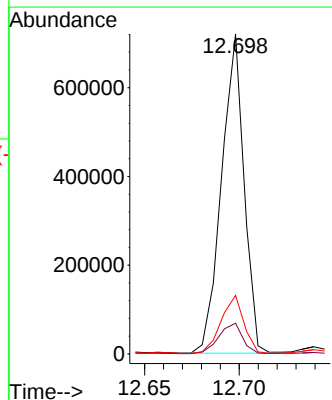
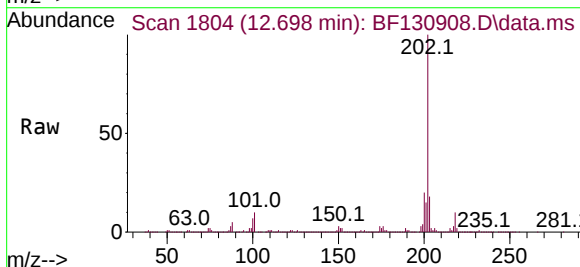
Instrument :
 BNA_F
 ClientSampleId :

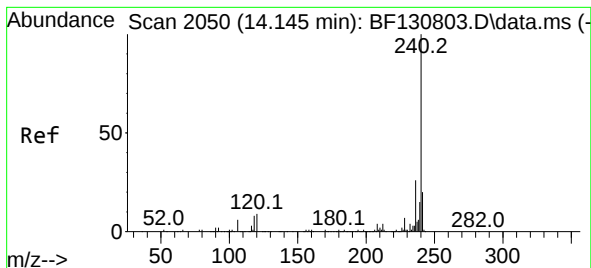
Tgt Ion:178 Resp: 84676
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.0
 179 15.8 12.2 18.4



#75
 Fluoranthene
 Concen: 55.938 ng
 RT: 12.698 min Scan# 1804
 Delta R.T. 0.000 min
 Lab File: BF130908.D
 Acq: 01 Nov 2022 19:26

Tgt Ion:202 Resp: 595149
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 30.9
 203 18.3 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2048

Delta R.T. 0.006 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

Instrument :

BNA_F

ClientSampleId :

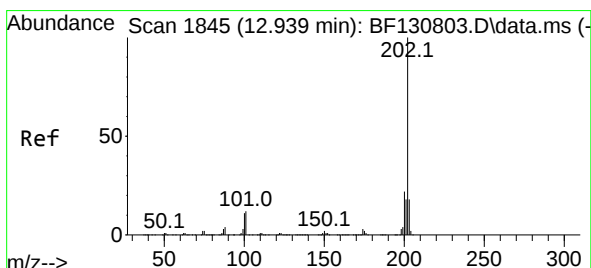
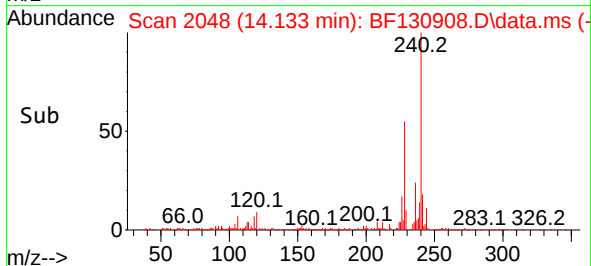
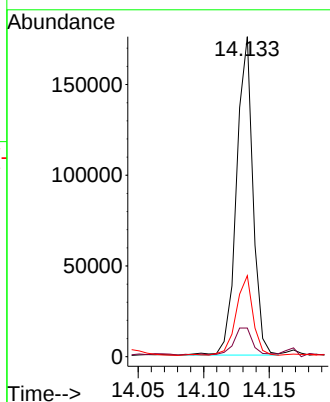
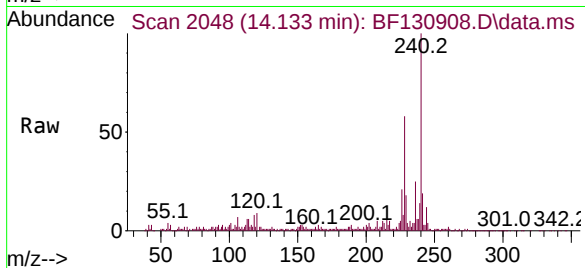
Tgt Ion:240 Resp: 152797

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.4

236 25.3 20.5 30.7



#78

Pyrene

Concen: 82.630 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

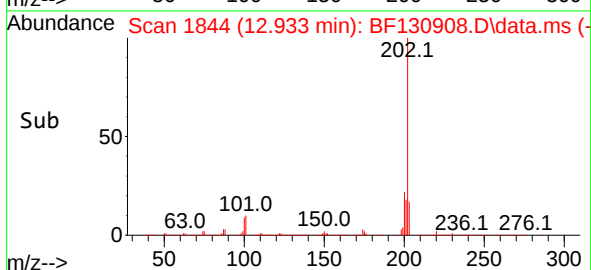
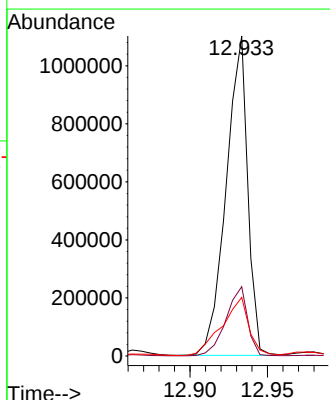
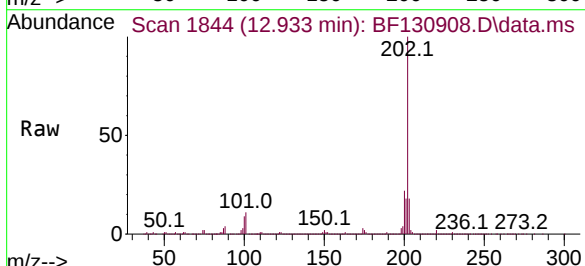
Tgt Ion:202 Resp: 1065194

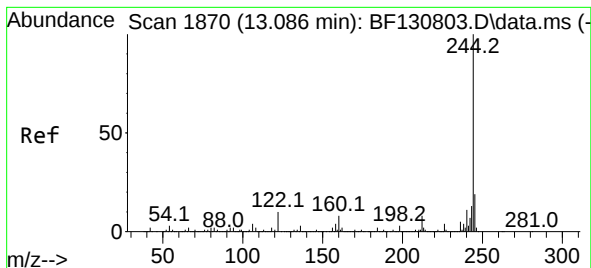
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 18.3 14.5 21.7





#79

Terphenyl-d14

Concen: 49.987 ng

RT: 13.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

Instrument :

BNA_F

ClientSampleId :

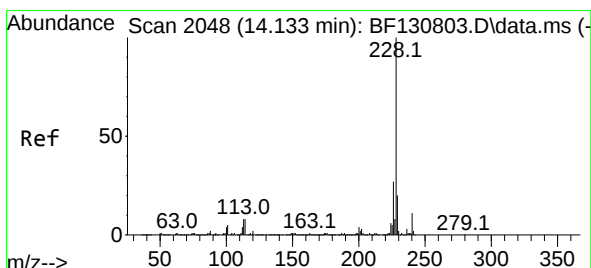
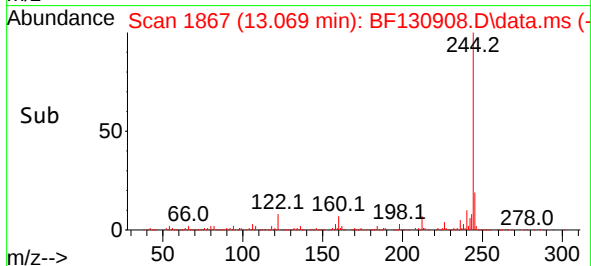
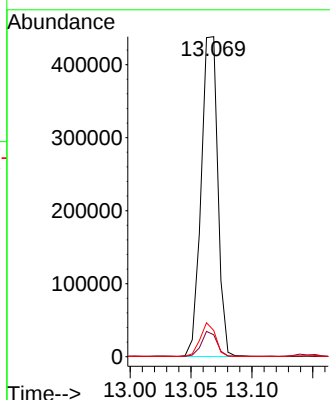
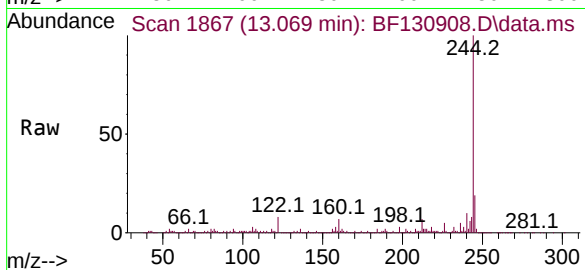
Tgt Ion:244 Resp: 416809

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

122 8.2 7.9 11.9



#81

Benzo(a)anthracene

Concen: 64.774 ng

RT: 14.121 min Scan# 2046

Delta R.T. 0.006 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

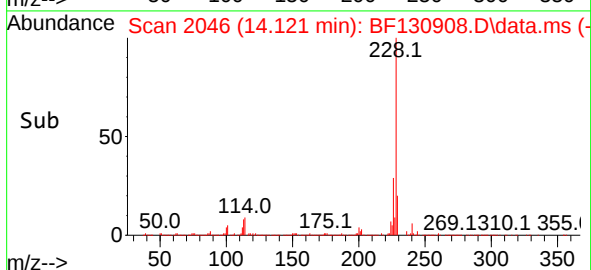
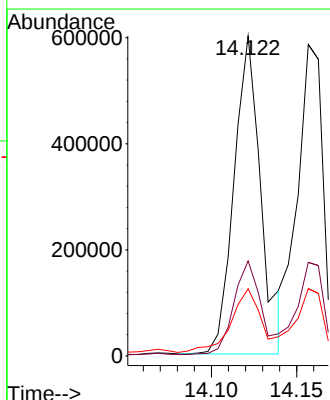
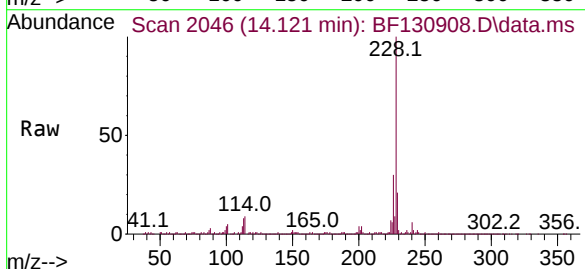
Tgt Ion:228 Resp: 656193

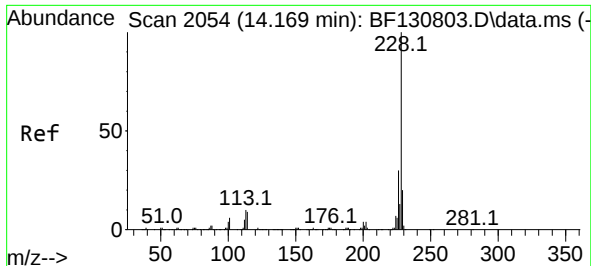
Ion Ratio Lower Upper

228 100

226 29.7 21.4 32.2

229 21.0 15.8 23.6

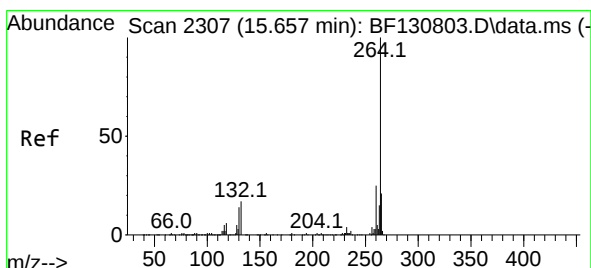
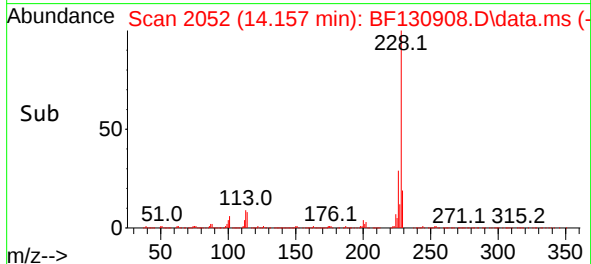
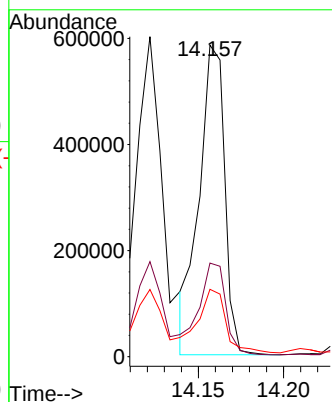
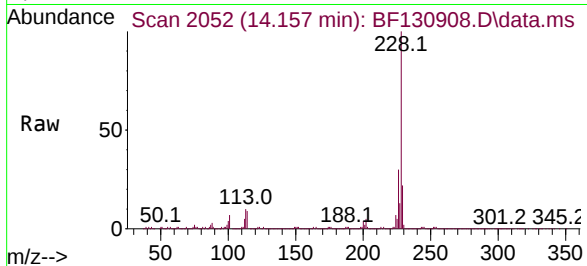




#83
Chrysene
Concen: 62.266 ng
RT: 14.157 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

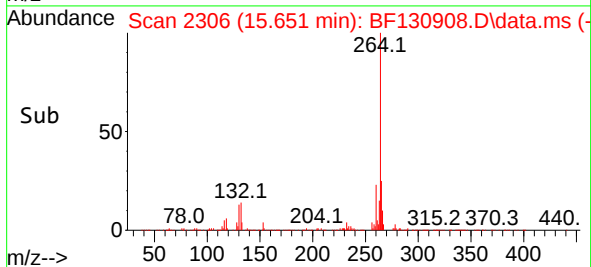
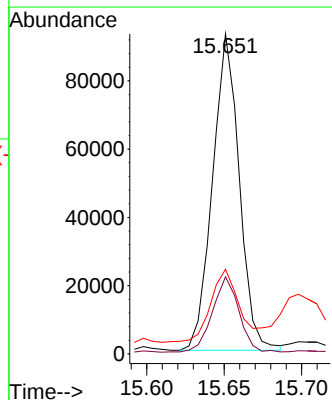
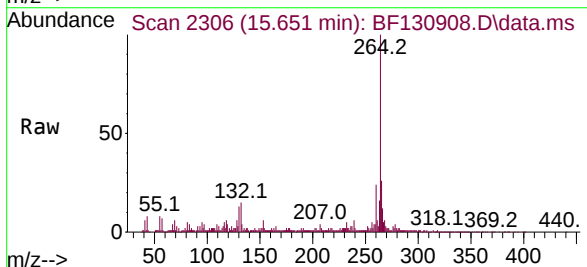
Instrument :
BNA_F
ClientSampleId :

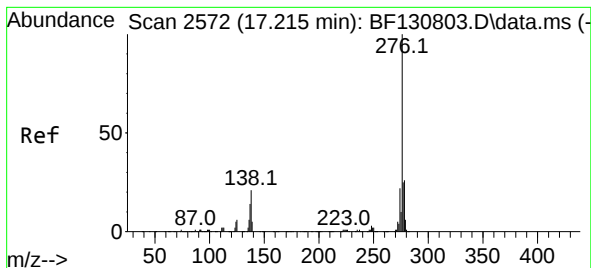
Tgt Ion:228 Resp: 608441
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 21.6 15.8 23.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2306
Delta R.T. 0.006 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

Tgt Ion:264 Resp: 111245
Ion Ratio Lower Upper
264 100
260 24.1 19.9 29.9
265 26.4 17.0 25.6#





#87

Indeno(1,2,3-cd)pyrene

Concen: 25.802 ng

RT: 17.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

Instrument :

BNA_F

ClientSampleId :

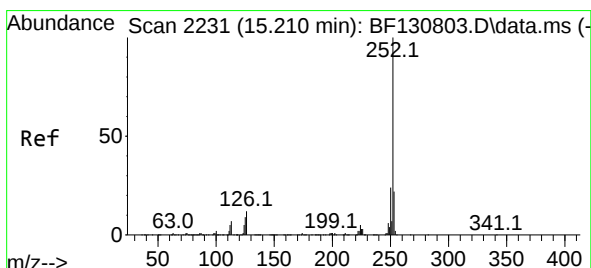
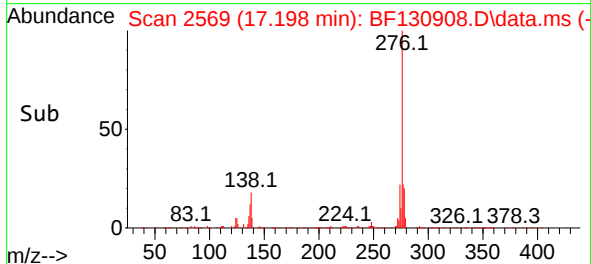
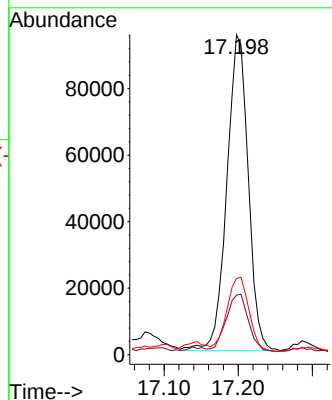
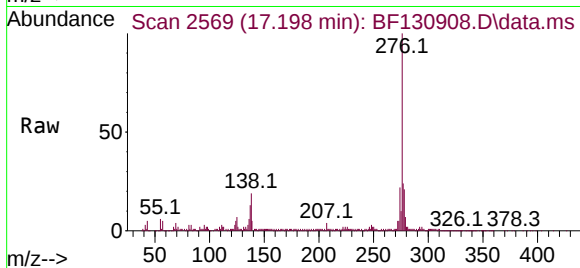
Tgt Ion:276 Resp: 190616

Ion Ratio Lower Upper

276 100

138 19.0 19.1 28.7#

277 24.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 88.247 ng

RT: 15.204 min Scan# 2230

Delta R.T. 0.012 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

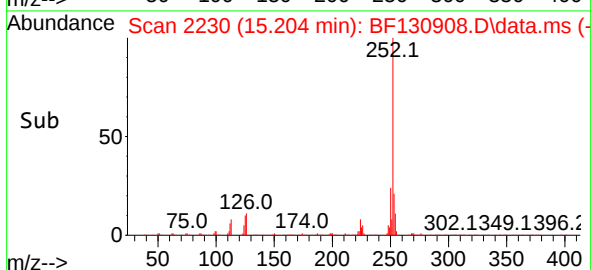
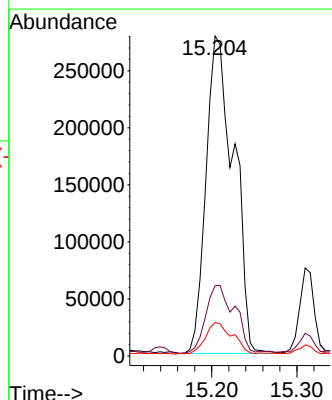
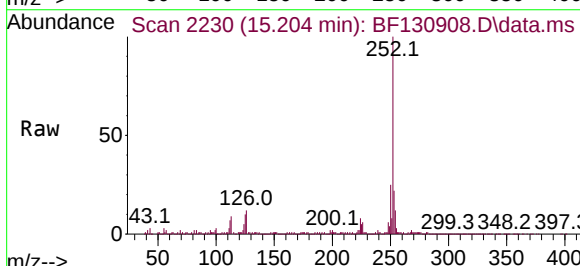
Tgt Ion:252 Resp: 634606

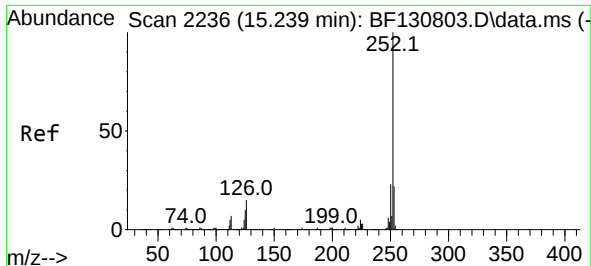
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.4 7.0 10.4

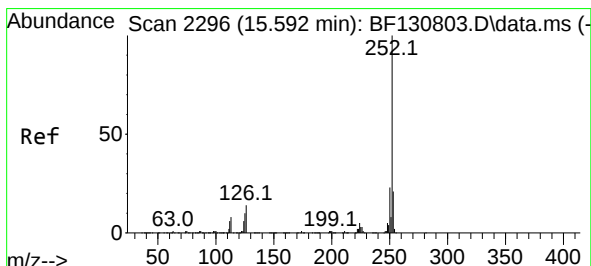
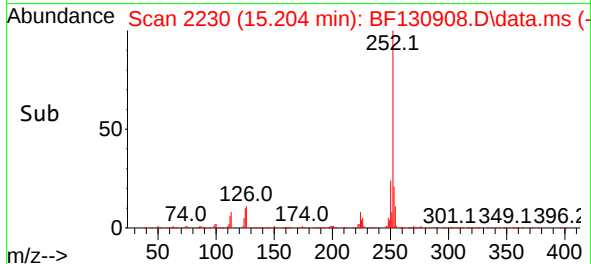
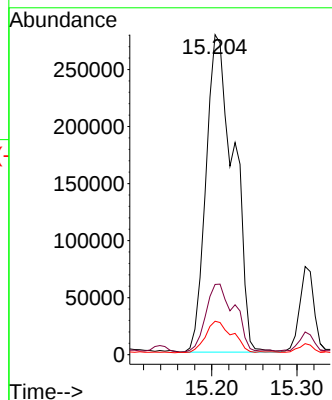
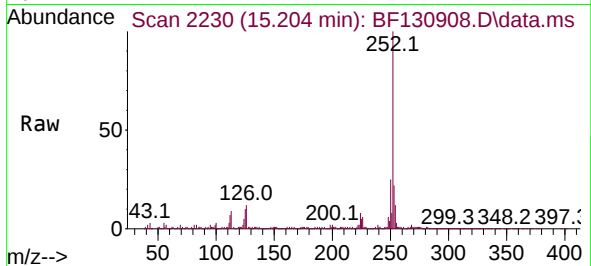




#89
Benzo(k)fluoranthene
Concen: 90.563 ng
RT: 15.204 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

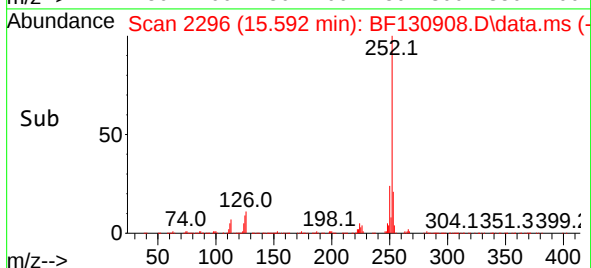
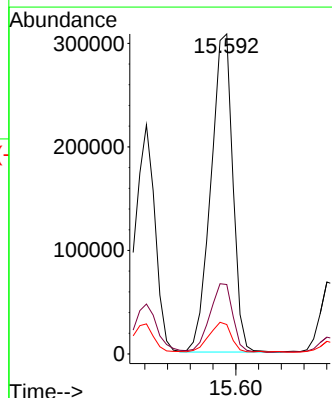
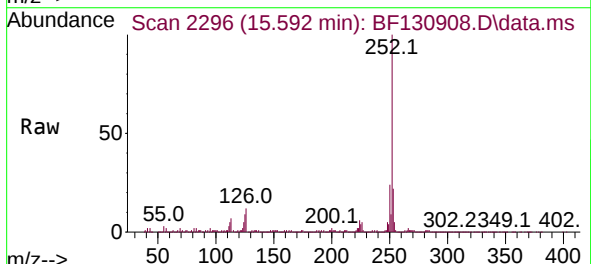
Instrument :
BNA_F
ClientSampleId :

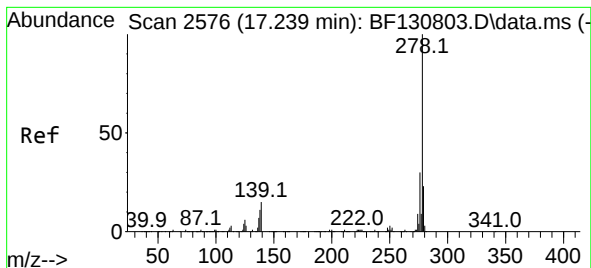
Tgt Ion:252 Resp: 634606
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.4 8.0 12.0



#90
Benzo(a)pyrene
Concen: 71.112 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.012 min
Lab File: BF130908.D
Acq: 01 Nov 2022 19:26

Tgt Ion:252 Resp: 411090
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 9.2 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 9.963 ng

RT: 17.215 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

Instrument :

BNA_F

ClientSampleId :

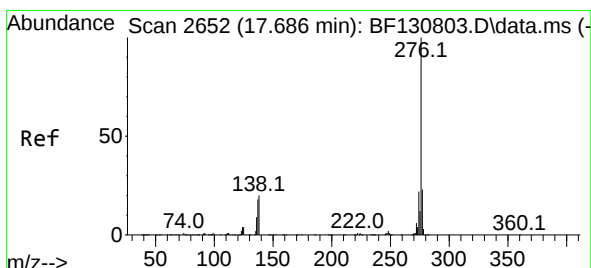
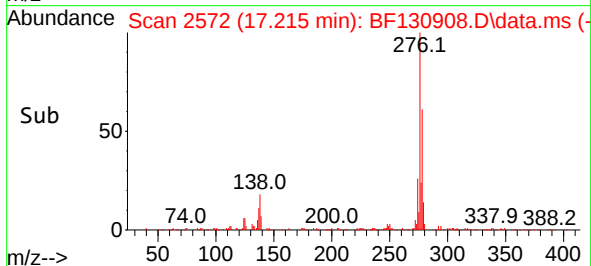
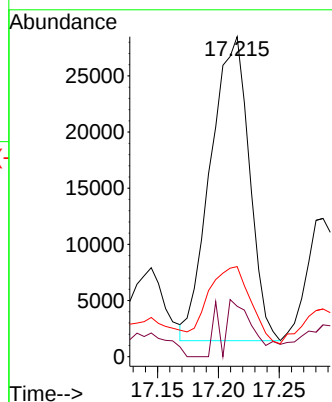
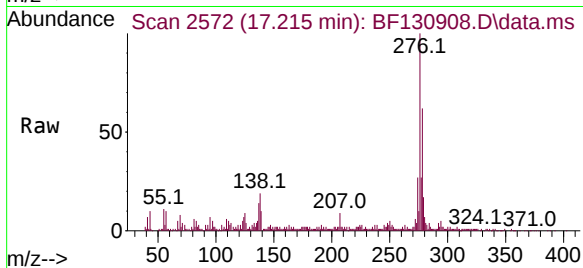
Tgt Ion:278 Resp: 60000

Ion Ratio Lower Upper

278 100

139 15.7 11.9 17.9

279 28.1 18.6 28.0#



#92

Benzo(g,h,i)perylene

Concen: 31.067 ng

RT: 17.674 min Scan# 2650

Delta R.T. 0.006 min

Lab File: BF130908.D

Acq: 01 Nov 2022 19:26

Tgt Ion:276 Resp: 190874

Ion Ratio Lower Upper

276 100

277 24.9 18.8 28.2

138 18.1 16.3 24.5

