

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130914.D
 Acq On : 01 Nov 2022 22:41
 Operator : CG\JU
 Sample : N5393-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:25:45 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

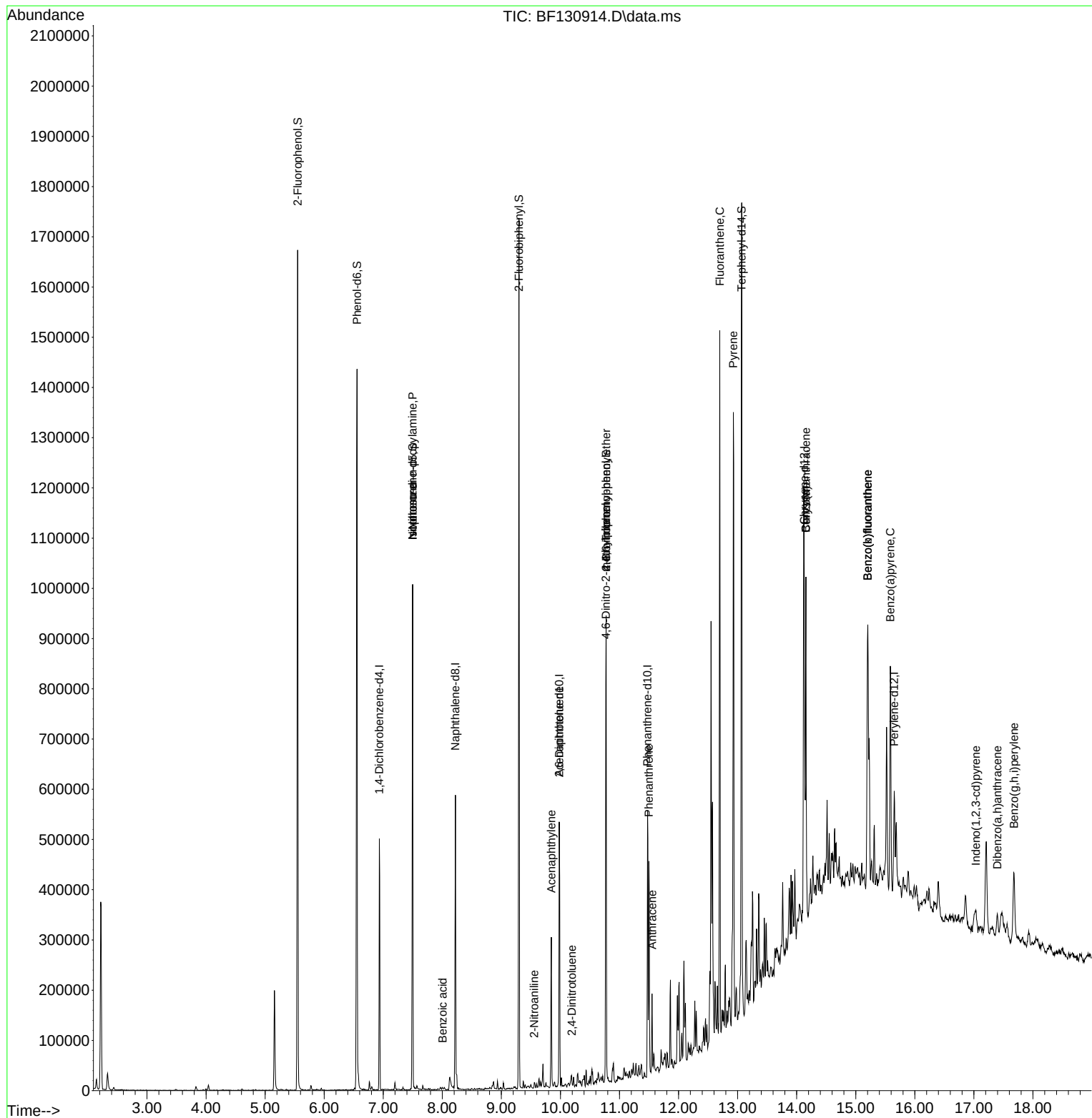
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	65947	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	213853	20.000	ng	# 0.00
39) Acenaphthene-d10	9.980	164	97115	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	187903	20.000	ng	0.00
76) Chrysene-d12	14.127	240	117325	20.000	ng	# 0.00
86) Perylene-d12	15.651	264	90055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	371486	97.656	ng	0.00
7) Phenol-d6	6.557	99	431572	87.304	ng	0.00
23) Nitrobenzene-d5	7.498	82	273108	77.007	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	97655	119.454	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	441098	68.670	ng	0.00
79) Terphenyl-d14	13.068	244	502356	78.461	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.498	70	38242	11.370	ng	# 79
25) Isophorone	7.498	82	272773	37.297	ng	# 66
32) Benzoic acid	8.004	122	211	7.762	ng	# 28
48) 2-Nitroaniline	9.557	65	63	4.179	ng	# 12
49) Acenaphthylene	9.845	152	113437	12.939	ng	99
51) 2,6-Dinitrotoluene	9.980	165	13096	12.517	ng	# 15
57) 2,4-Dinitrotoluene	10.192	165	441	3.962	ng	# 68
65) 4,6-Dinitro-2-methylph...	10.769	198	310	8.258	ng	# 1
67) 4-Bromophenyl-phenylether	10.775	248	6238	3.301	ng	# 1
71) Phenanthrene	11.498	178	147914	15.252	ng	98
72) Anthracene	11.551	178	56446	5.901	ng	99
75) Fluoranthene	12.698	202	498620	48.389	ng	98
78) Pyrene	12.927	202	511839	51.709	ng	99
81) Benzo(a)anthracene	14.157	228	263394	33.861	ng	95
83) Chrysene	14.157	228	263394	35.105	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	25362	4.241	ng	92
88) Benzo(b)fluoranthene	15.204	252	417023	71.636	ng	96
89) Benzo(k)fluoranthene	15.204	252	417023	73.516	ng	97
90) Benzo(a)pyrene	15.586	252	214644	45.867	ng	96
91) Dibenzo(a,h)anthracene	17.398	278	26148	5.364	ng	92
92) Benzo(g,h,i)perylene	17.680	276	132420	26.624	ng	96

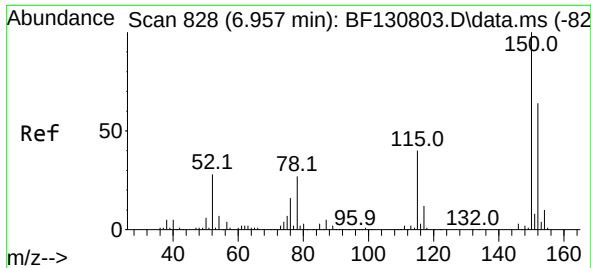
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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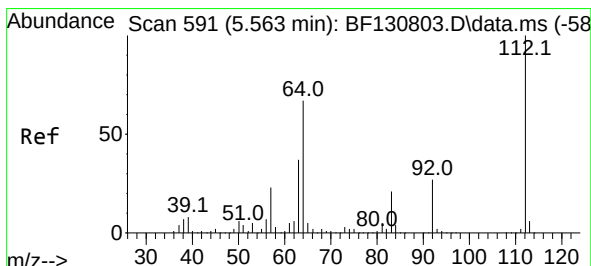
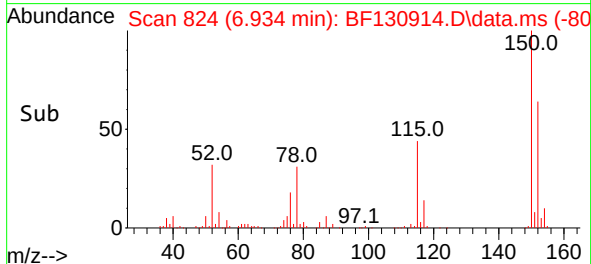
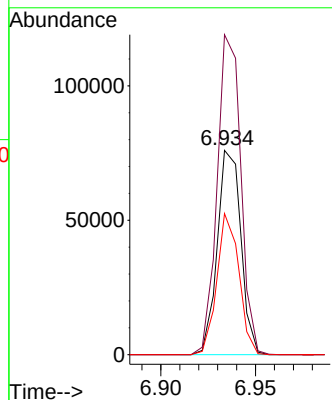
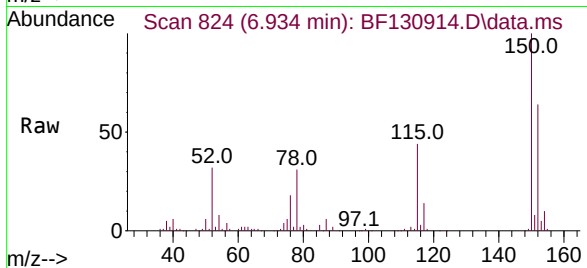




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

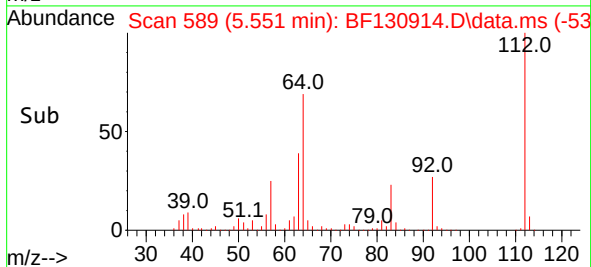
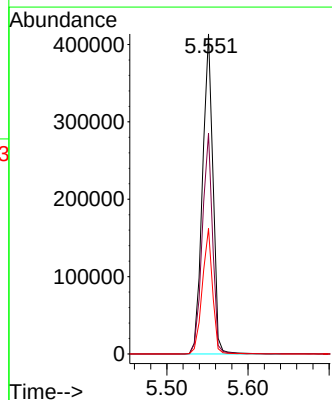
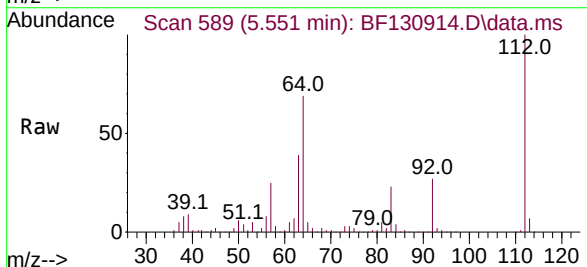
Instrument :
BNA_F
ClientSampleId :

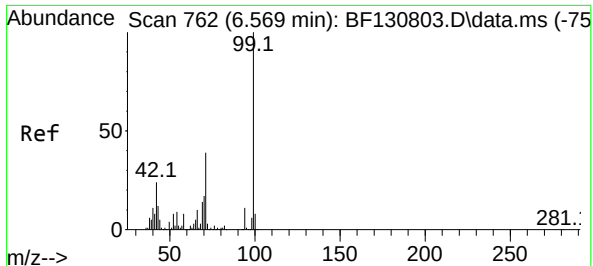
Tgt Ion:152 Resp: 65947
Ion Ratio Lower Upper
152 100
150 156.6 124.1 186.1
115 69.0 50.1 75.1



#5
2-Fluorophenol
Concen: 97.656 ng
RT: 5.551 min Scan# 589
Delta R.T. -0.000 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

Tgt Ion:112 Resp: 371486
Ion Ratio Lower Upper
112 100
64 68.9 53.9 80.9
63 39.2 29.4 44.2

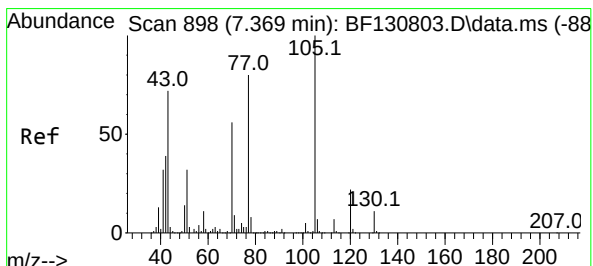
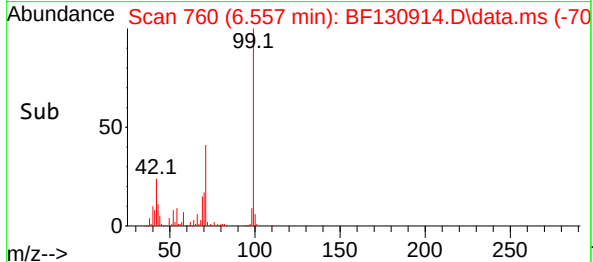
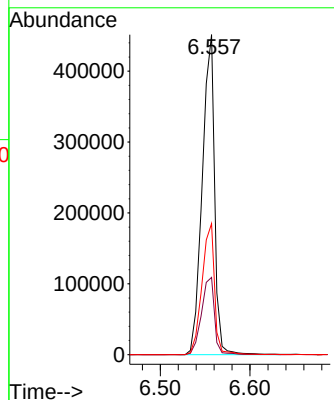
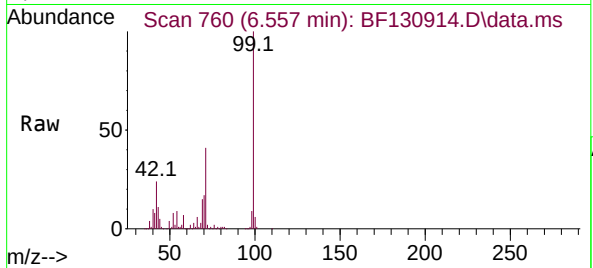




#7
Phenol-d6
Concen: 87.304 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

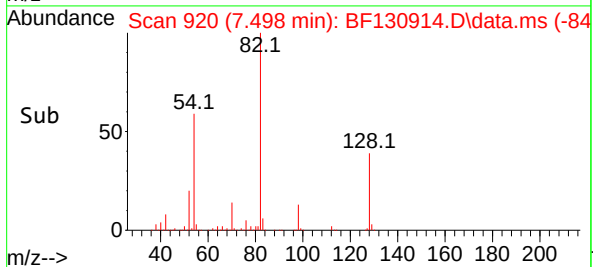
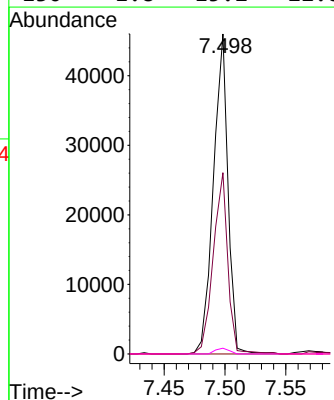
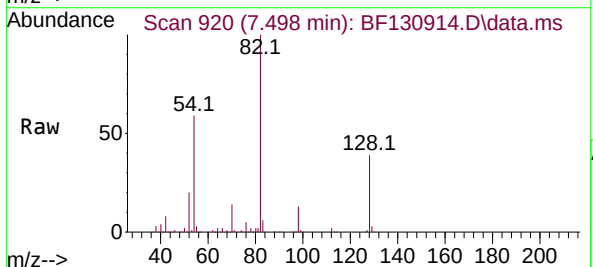
Instrument :
BNA_F
ClientSampleId :

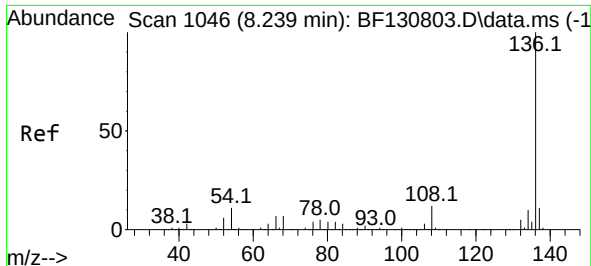
Tgt Ion: 99 Resp: 431572
Ion Ratio Lower Upper
99 100
42 24.2 18.8 28.2
71 41.0 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.370 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.147 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

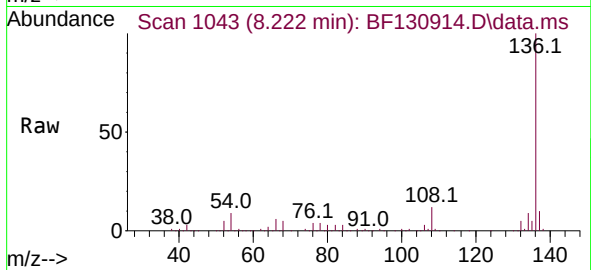
Tgt Ion: 70 Resp: 38242
Ion Ratio Lower Upper
70 100
42 56.6 56.1 84.1
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#



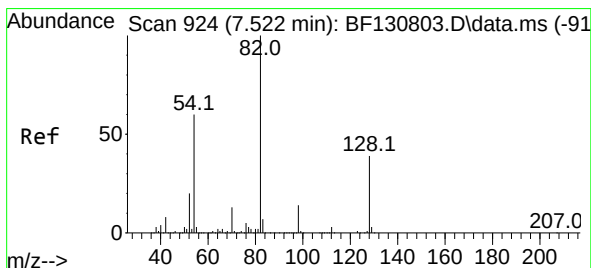
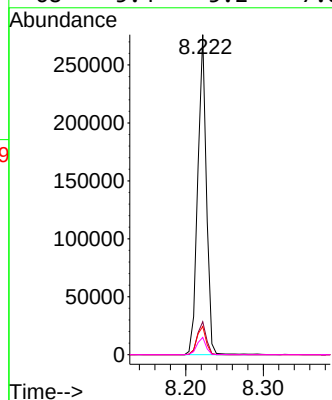
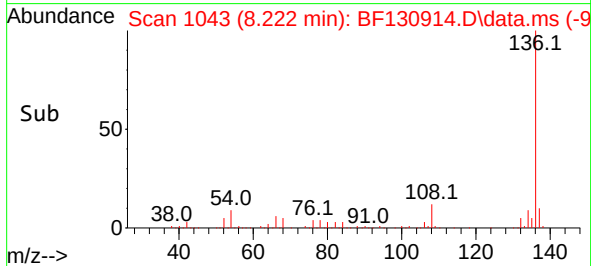


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

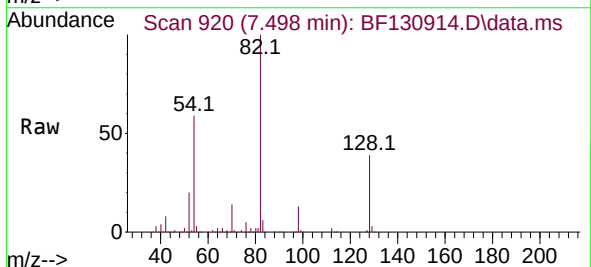
Instrument :
BNA_F
ClientSampleId :



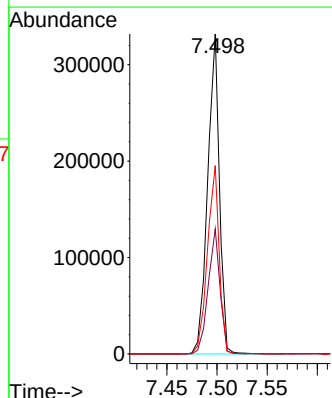
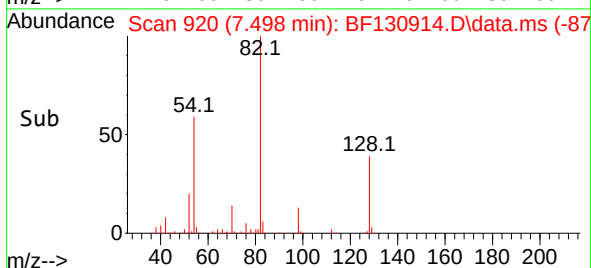
Tgt Ion:136 Resp: 213853
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 8.8 8.8 13.2#
68 5.4 5.2 7.8

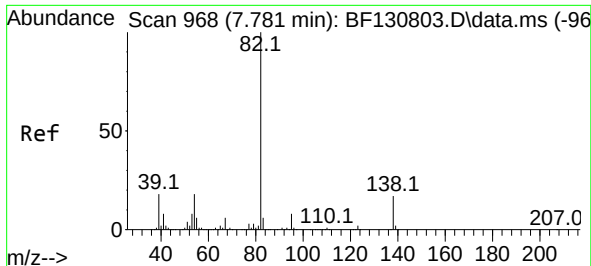


#23
Nitrobenzene-d5
Concen: 77.007 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.006 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41



Tgt Ion: 82 Resp: 273108
Ion Ratio Lower Upper
82 100
128 39.1 31.2 46.8
54 58.9 48.0 72.0

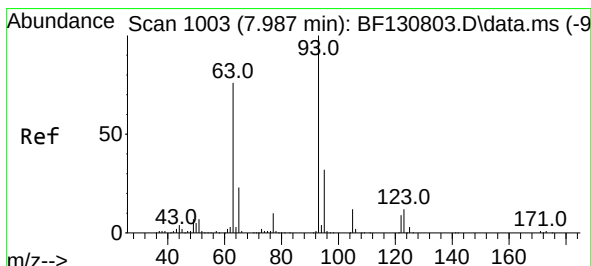
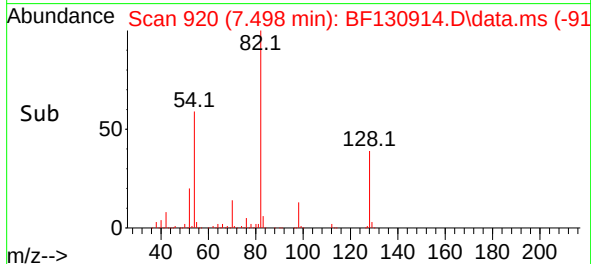
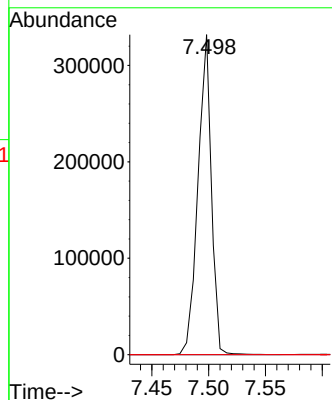
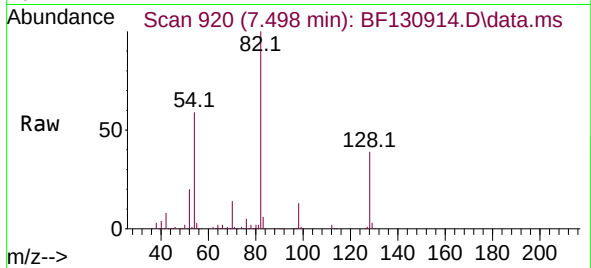




#25
Isophorone
Concen: 37.297 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

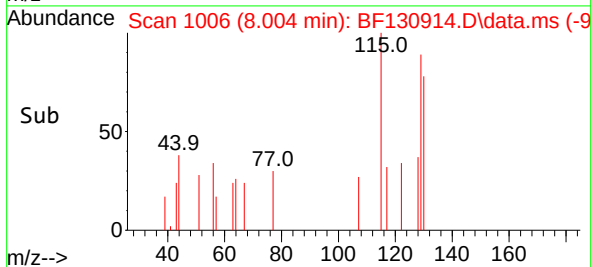
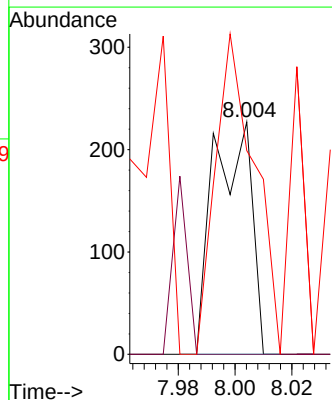
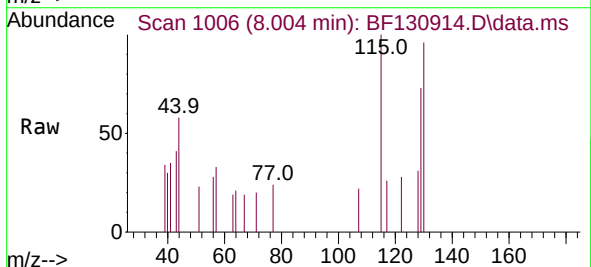
Instrument :
BNA_F
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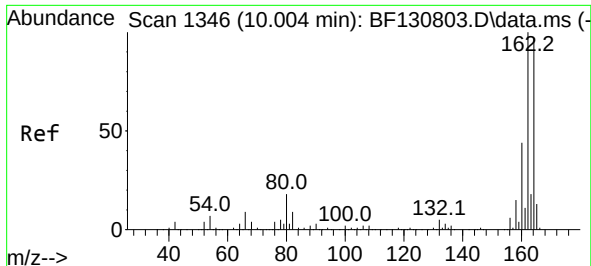
Tgt Ion: 82 Resp: 272773
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.762 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.024 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

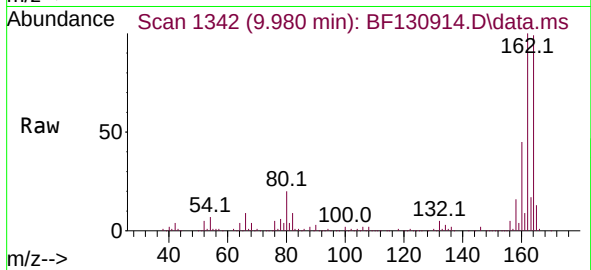
Tgt Ion: 122 Resp: 211
Ion Ratio Lower Upper
122 100
105 0.0 114.5 154.5#
77 87.7 89.8 129.8#



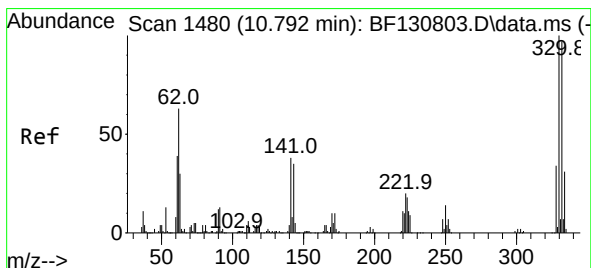
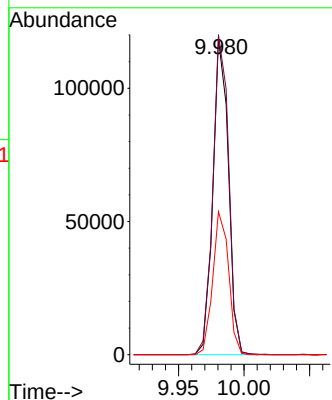
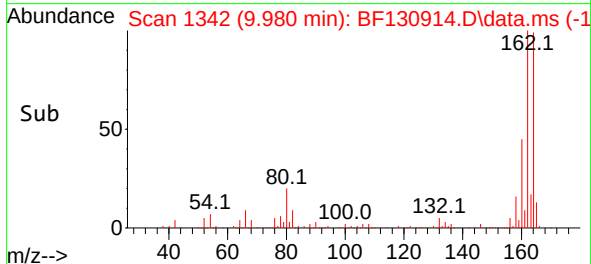


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

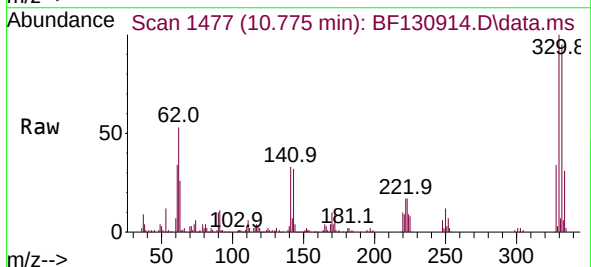
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BNA_F
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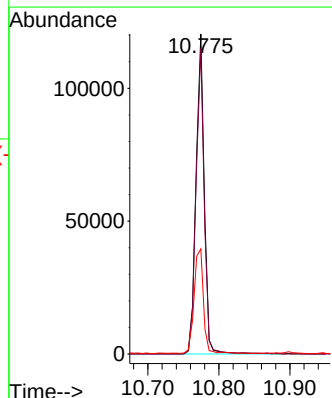
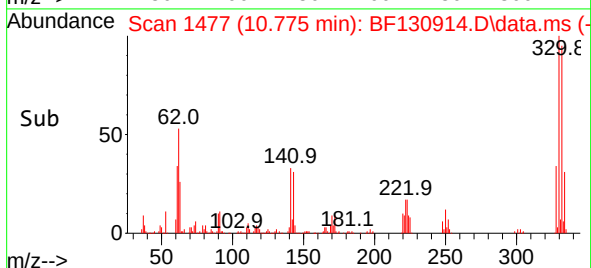
Tgt Ion:164 Resp: 97115
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 45.3 36.6 54.8

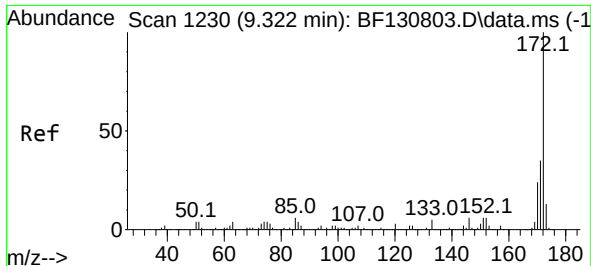


#42
2,4,6-Tribromophenol
Concen: 119.454 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41



Tgt Ion:330 Resp: 97655
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 37.5 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 68.670 ng

RT: 9.298 min Scan# 1

Delta R.T. -0.006 min

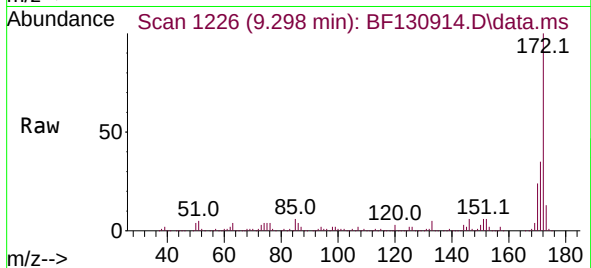
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Acq: 01 Nov 2022 22:41

Instrument :

BNA_F

ClientSampleId :



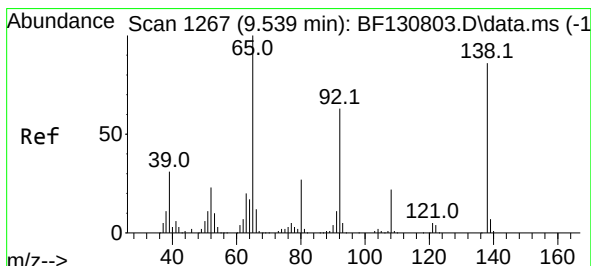
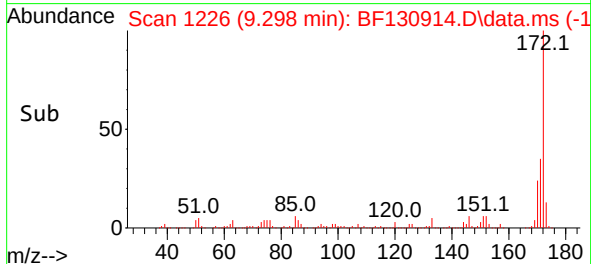
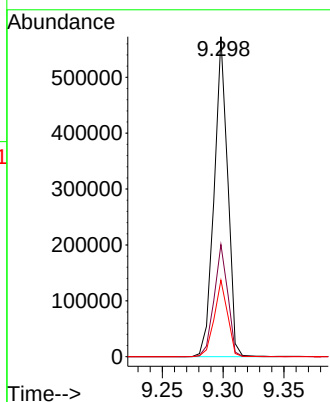
Tgt Ion:172 Resp: 441098

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.9 19.0 28.4



#48

2-Nitroaniline

Concen: 4.179 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.029 min

Lab File: BF130914.D

Acq: 01 Nov 2022 22:41

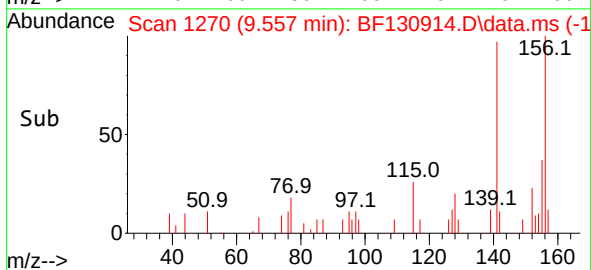
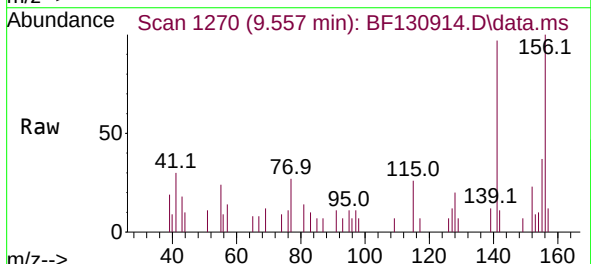
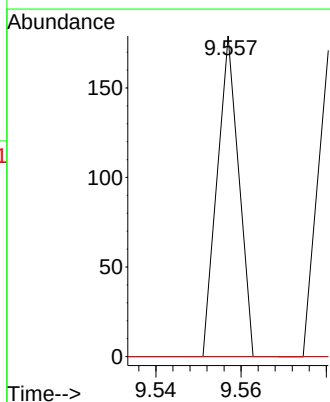
Tgt Ion: 65 Resp: 63

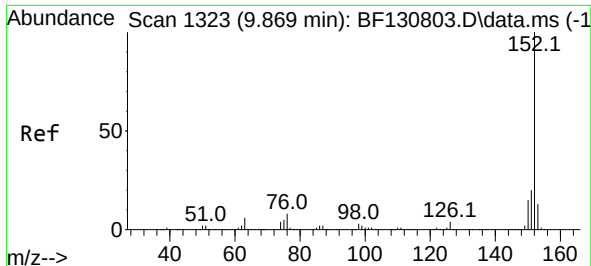
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#





#49

Acenaphthylene

Concen: 12.939 ng

RT: 9.845 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130914.D

Acq: 01 Nov 2022 22:41

Instrument :

BNA_F

ClientSampleId :

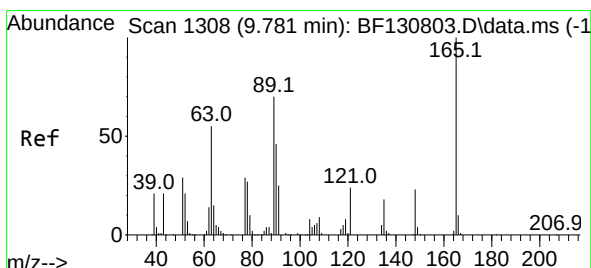
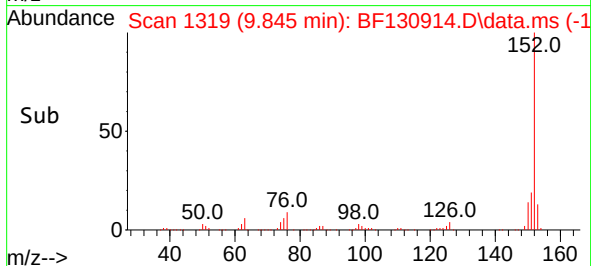
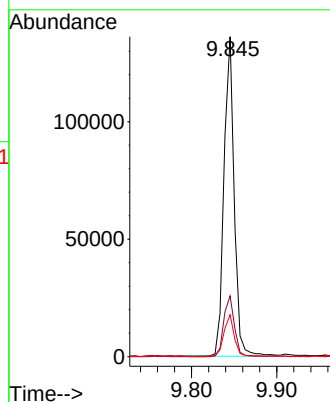
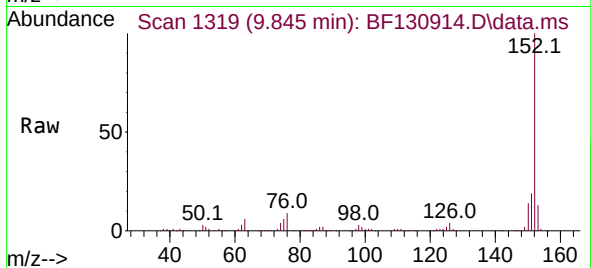
Tgt Ion:152 Resp: 113437

Ion Ratio Lower Upper

152 100

151 19.0 15.8 23.8

153 13.1 10.2 15.4



#51

2,6-Dinitrotoluene

Concen: 12.517 ng

RT: 9.980 min Scan# 1342

Delta R.T. 0.212 min

Lab File: BF130914.D

Acq: 01 Nov 2022 22:41

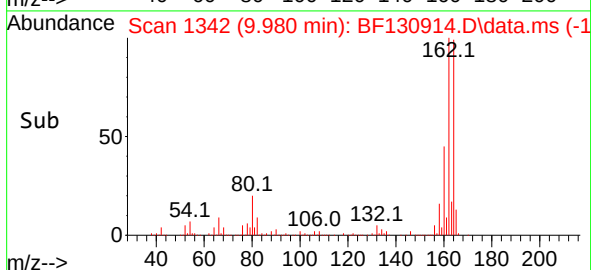
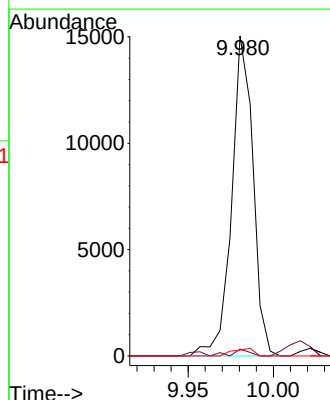
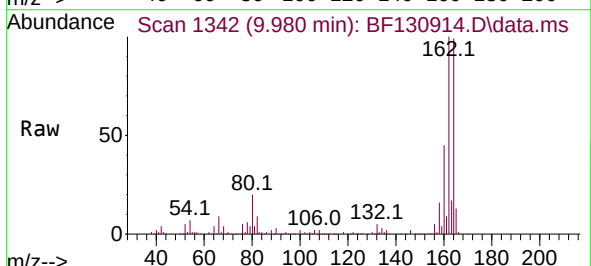
Tgt Ion:165 Resp: 13096

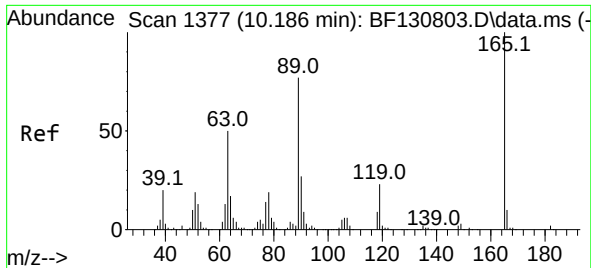
Ion Ratio Lower Upper

165 100

63 2.2 61.8 92.8#

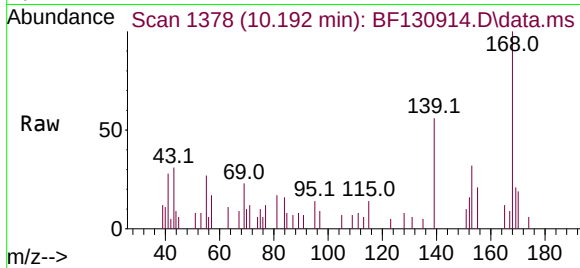
89 1.8 56.2 84.4#



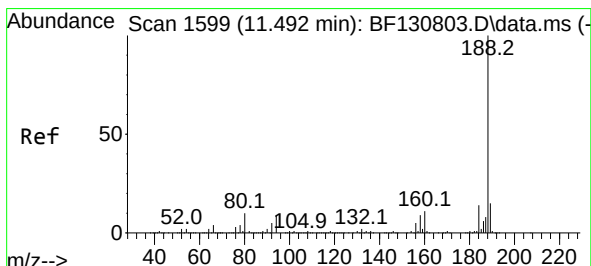
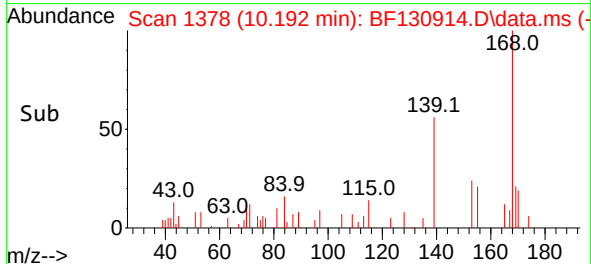
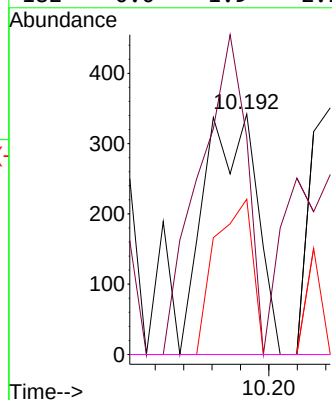


#57
2,4-Dinitrotoluene
Concen: 3.962 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

Instrument :
BNA_F
ClientSampleId :

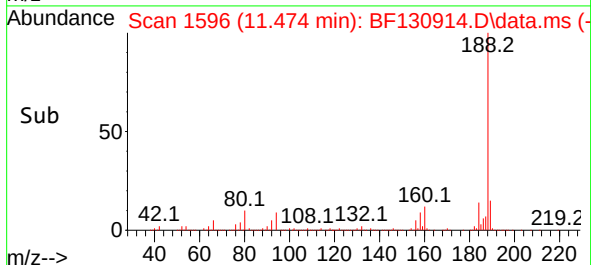
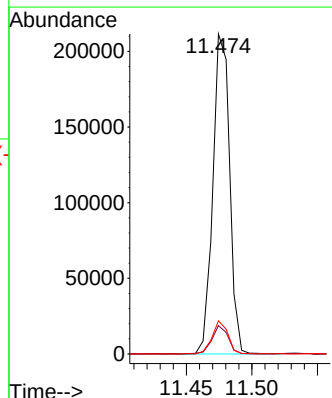
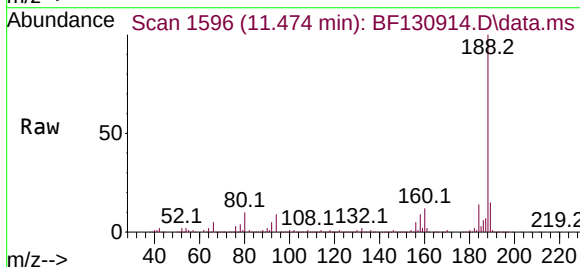


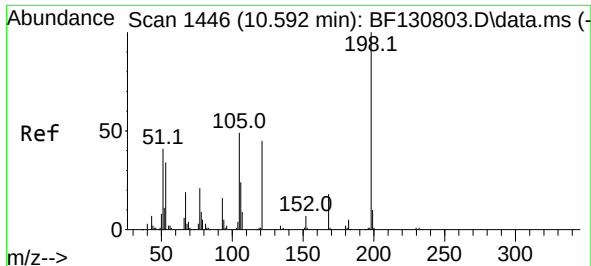
Tgt Ion:165 Resp: 441
Ion Ratio Lower Upper
165 100
63 90.4 39.8 59.6#
89 64.6 61.9 92.9
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

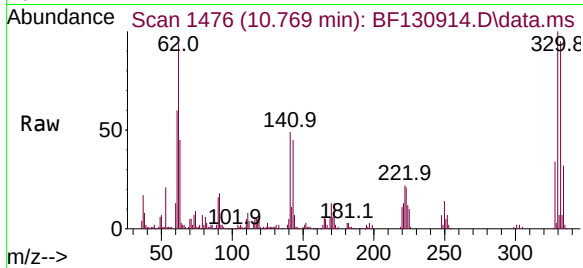
Tgt Ion:188 Resp: 187903
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 10.3 8.0 12.0



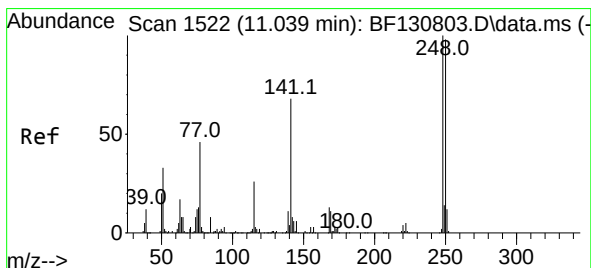
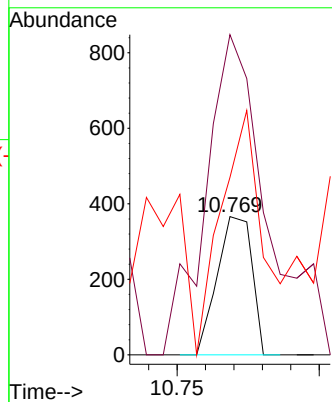
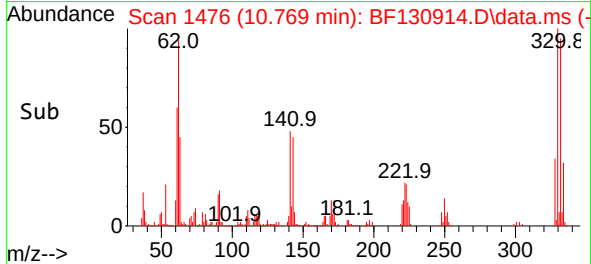


#65
4,6-Dinitro-2-methylphenol
Concen: 8.258 ng
RT: 10.769 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

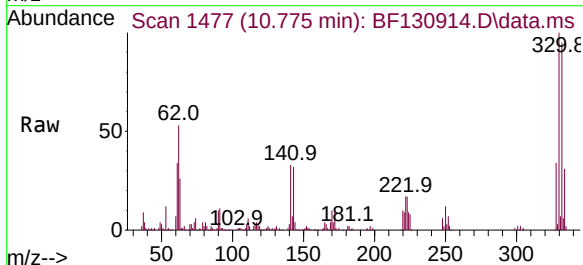
Instrument :
BNA_F
ClientSampleId :



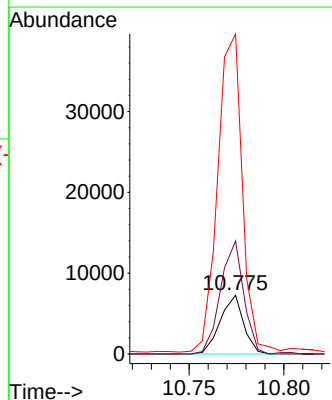
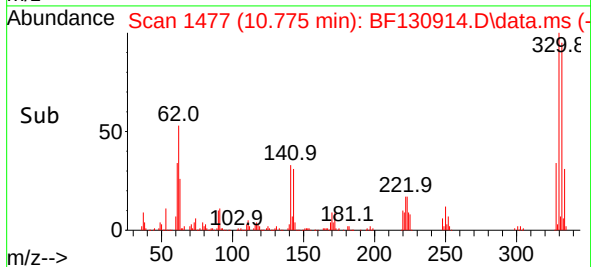
Tgt Ion:198 Resp: 310
Ion Ratio Lower Upper
198 100
51 231.7 39.0 79.0#
105 128.4 30.6 70.6#

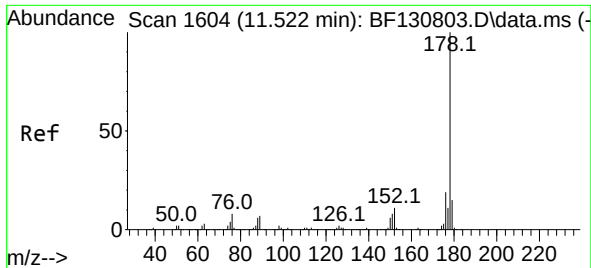


#67
4-Bromophenyl-phenylether
Concen: 3.301 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.247 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41



Tgt Ion:248 Resp: 6238
Ion Ratio Lower Upper
248 100
250 192.2 78.6 117.8#
141 544.6 54.2 81.4#

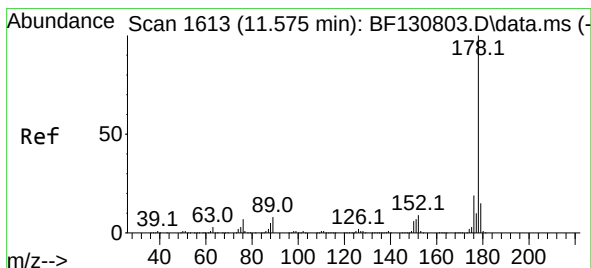
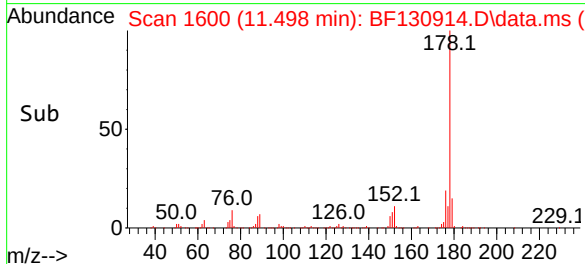
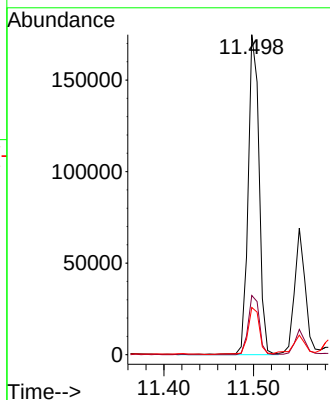
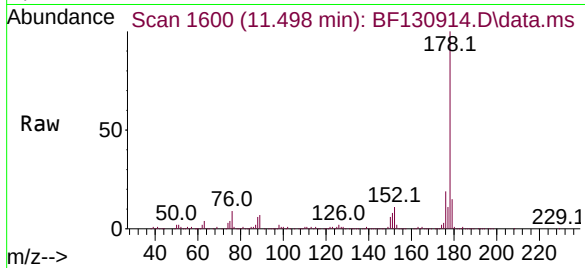




#71
Phenanthrene
Concen: 15.252 ng
RT: 11.498 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

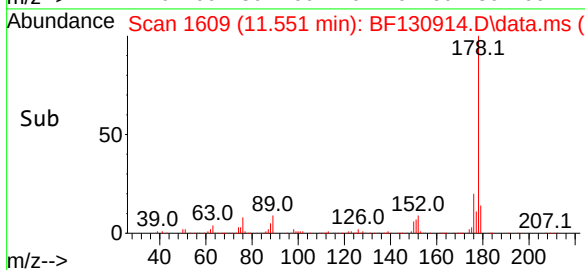
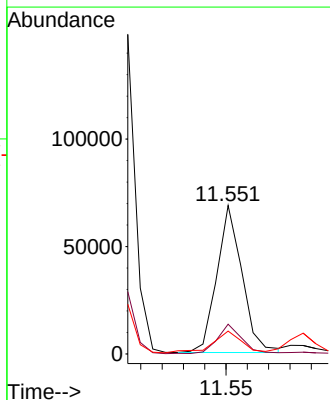
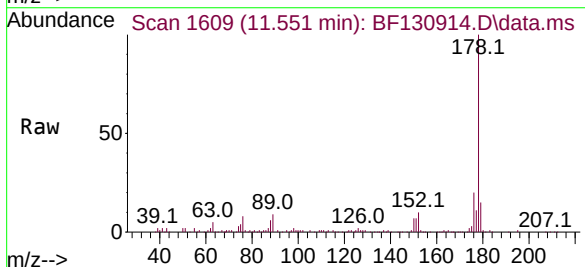
Instrument :
BNA_F
ClientSampleId :

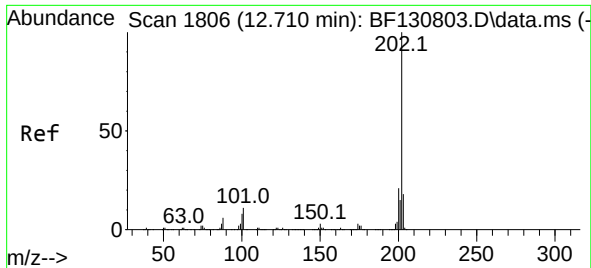
Tgt Ion:178 Resp: 147914
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 14.8 12.2 18.2



#72
Anthracene
Concen: 5.901 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

Tgt Ion:178 Resp: 56446
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.0
179 15.4 12.2 18.4

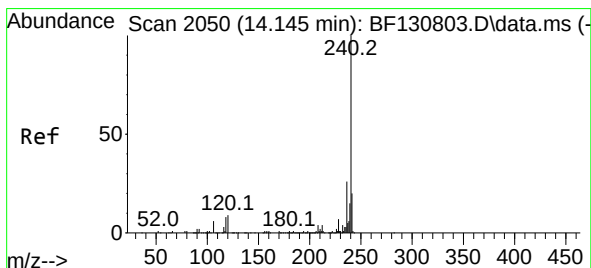
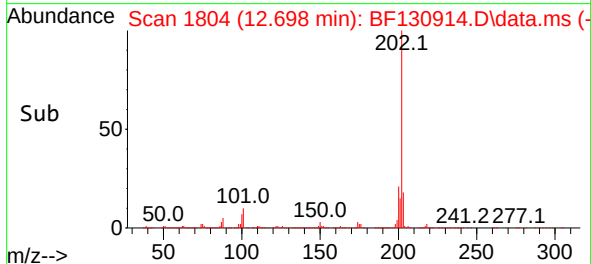
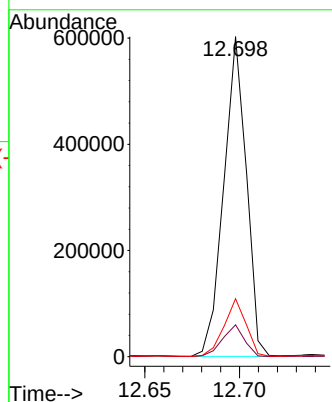
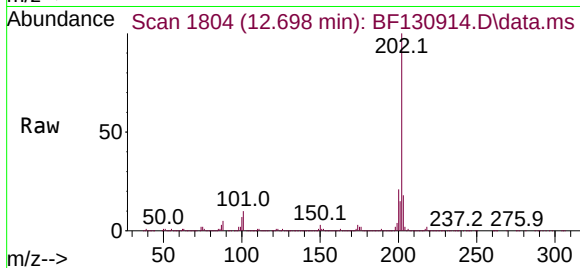




#75
Fluoranthene
Concen: 48.389 ng
RT: 12.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

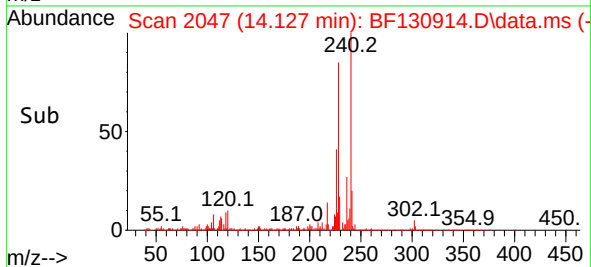
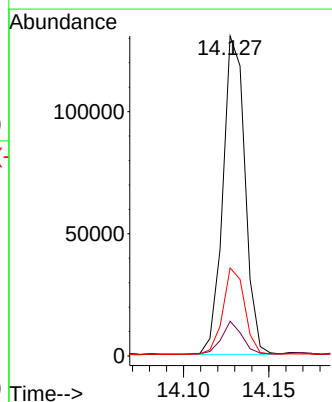
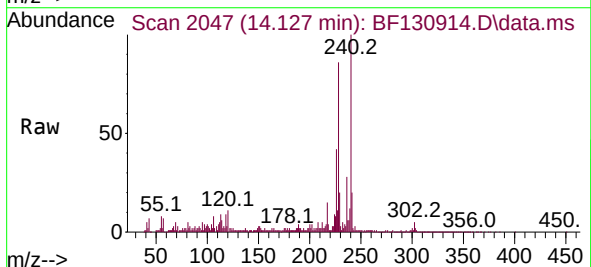
Instrument :
BNA_F
ClientSampleId :

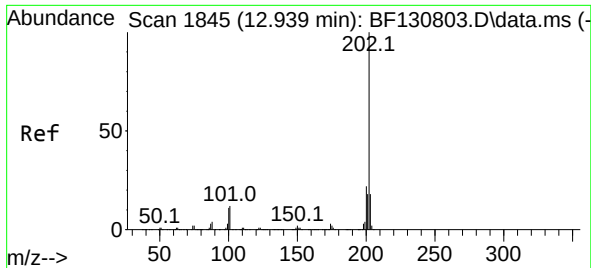
Tgt Ion:202 Resp: 498620
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.9
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

Tgt Ion:240 Resp: 117325
Ion Ratio Lower Upper
240 100
120 10.8 7.0 10.4#
236 27.5 20.5 30.7

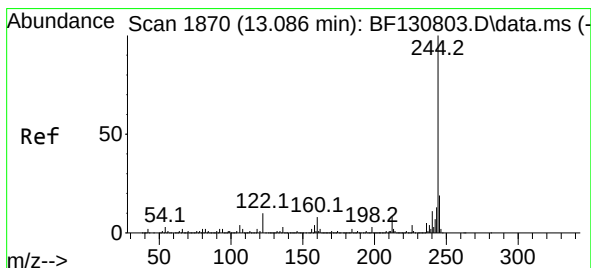
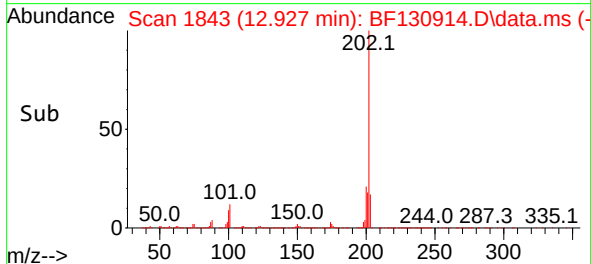
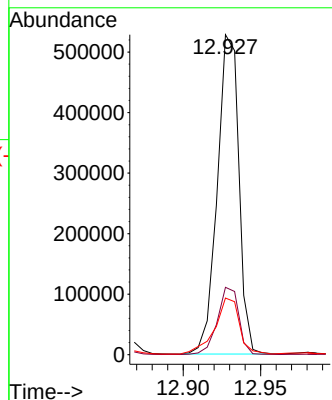
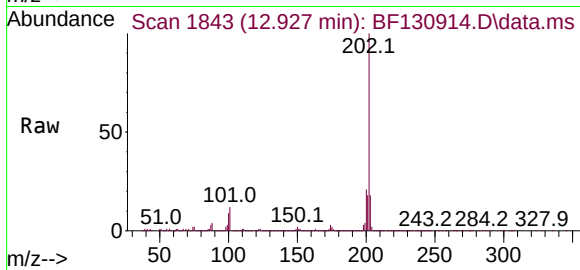




#78
 Pyrene
 Concen: 51.709 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF130914.D
 Acq: 01 Nov 2022 22:41

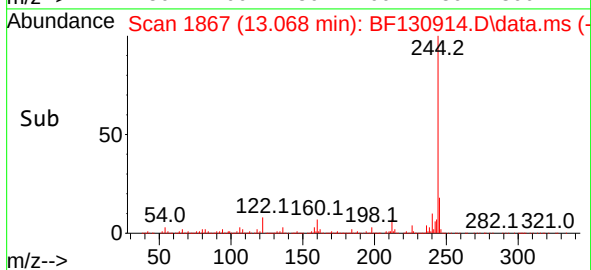
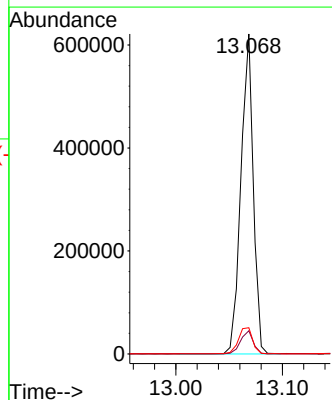
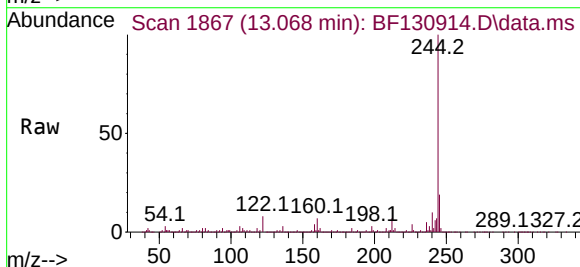
Instrument :
 BNA_F
 ClientSampleId :

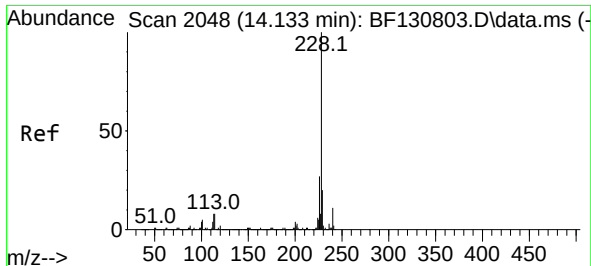
Tgt Ion:202 Resp: 511839
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.2 25.8
 203 17.7 14.5 21.7



#79
 Terphenyl-d14
 Concen: 78.461 ng
 RT: 13.068 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: BF130914.D
 Acq: 01 Nov 2022 22:41

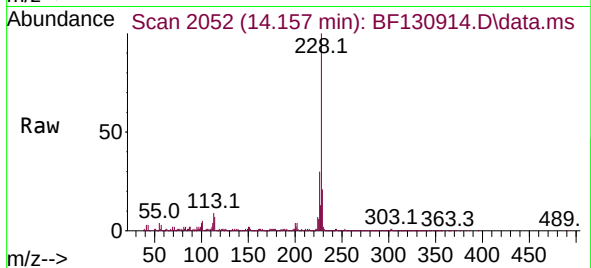
Tgt Ion:244 Resp: 502356
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.2 7.9 11.9



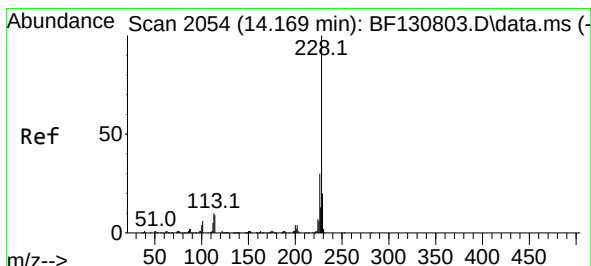
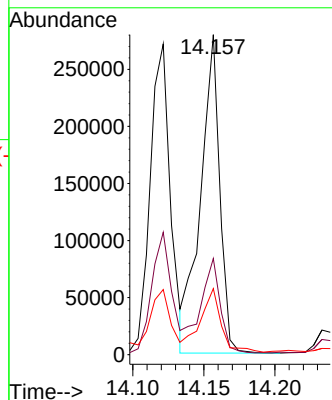
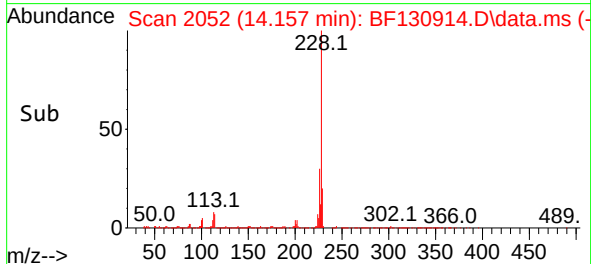


#81
Benzo(a)anthracene
Concen: 33.861 ng
RT: 14.157 min Scan# 2052
Delta R.T. 0.041 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

Instrument :
BNA_F
ClientSampleId :

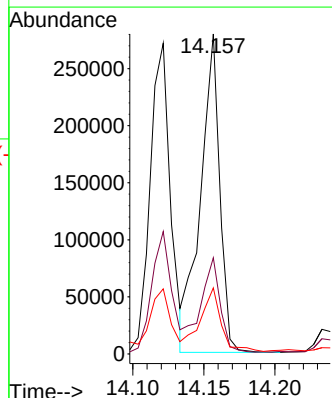
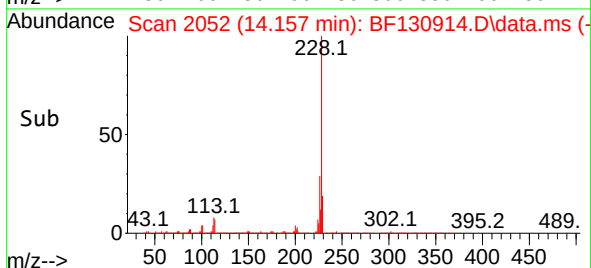
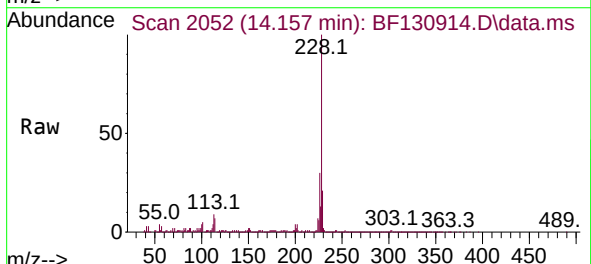


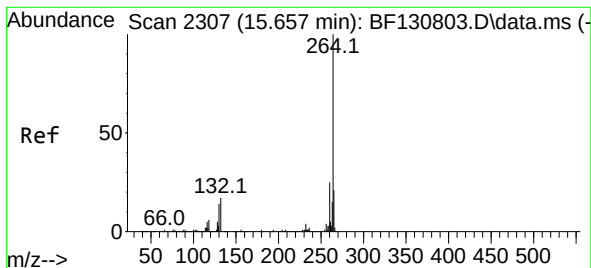
Tgt Ion:228 Resp: 263394
Ion Ratio Lower Upper
228 100
226 30.1 21.4 32.2
229 20.7 15.8 23.6



#83
Chrysene
Concen: 35.105 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

Tgt Ion:228 Resp: 263394
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 20.7 15.8 23.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130914.D

Acq: 01 Nov 2022 22:41

Instrument :

BNF

ClientSampleId :

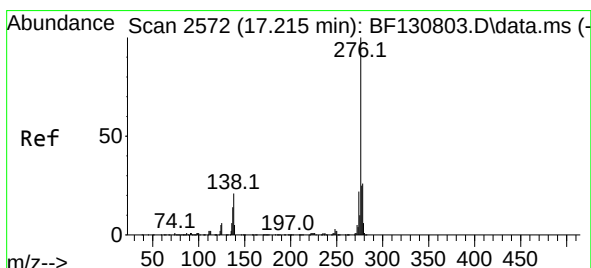
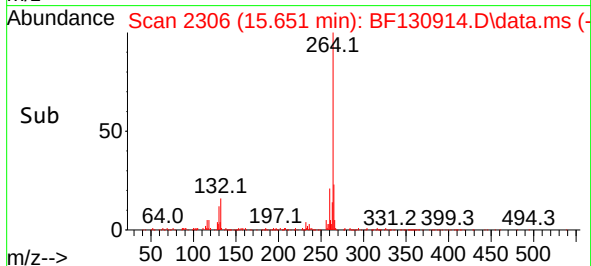
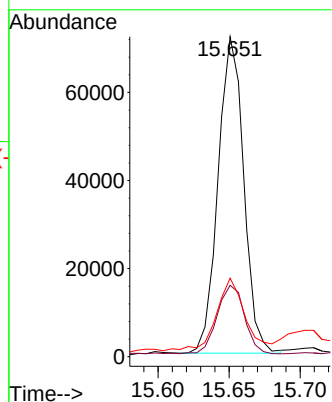
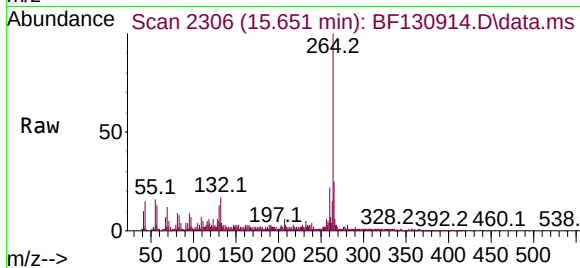
Tgt Ion:264 Resp: 90055

Ion Ratio Lower Upper

264 100

260 22.3 19.9 29.9

265 24.6 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.241 ng

RT: 17.033 min Scan# 2541

Delta R.T. -0.159 min

Lab File: BF130914.D

Acq: 01 Nov 2022 22:41

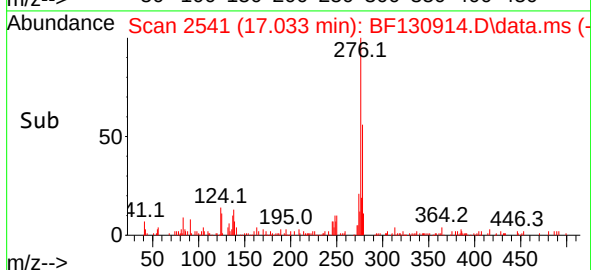
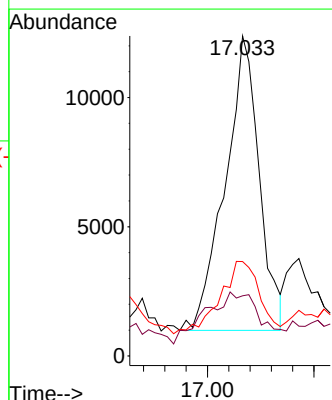
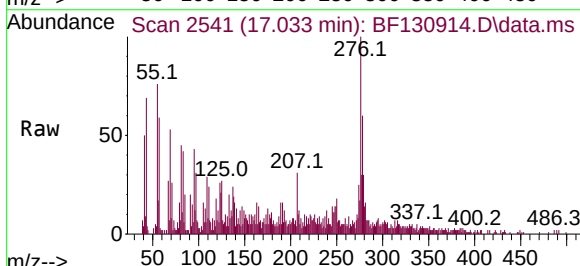
Tgt Ion:276 Resp: 25362

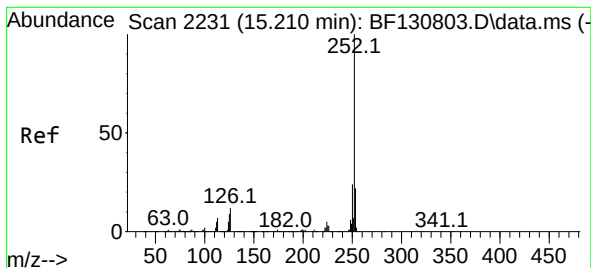
Ion Ratio Lower Upper

276 100

138 28.6 19.1 28.7

277 28.3 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 71.636 ng

RT: 15.204 min Scan# 2230

Delta R.T. 0.012 min

Lab File: BF130914.D

Acq: 01 Nov 2022 22:41

Instrument :

BNA_F

ClientSampleId :

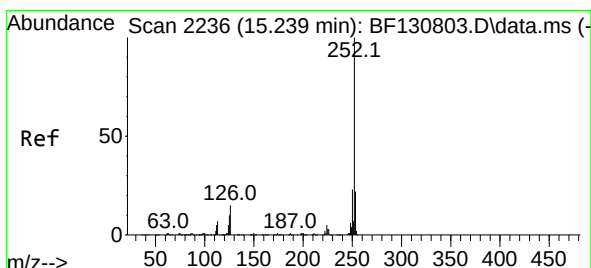
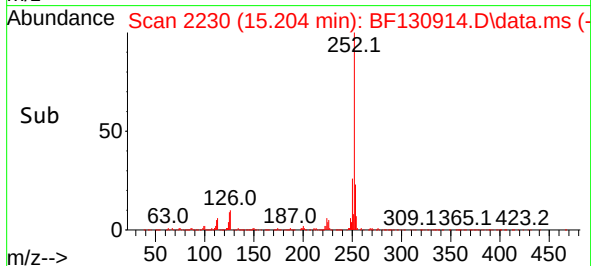
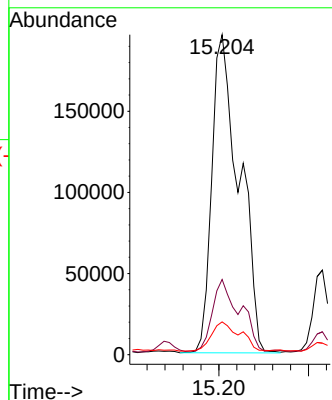
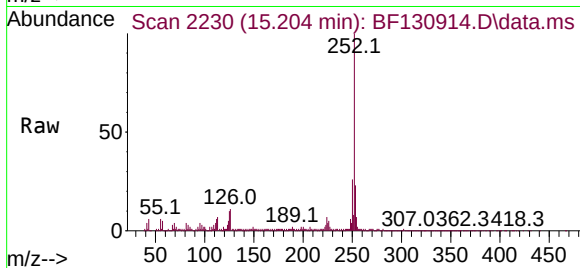
Tgt Ion:252 Resp: 417023

Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

125 10.3 7.0 10.4



#89

Benzo(k)fluoranthene

Concen: 73.516 ng

RT: 15.204 min Scan# 2230

Delta R.T. -0.024 min

Lab File: BF130914.D

Acq: 01 Nov 2022 22:41

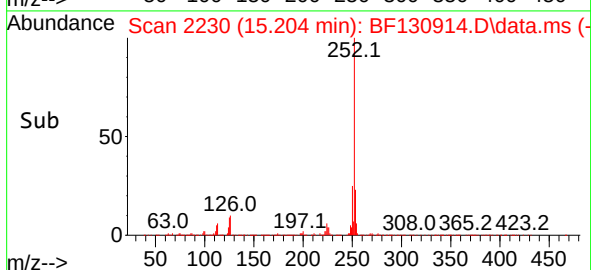
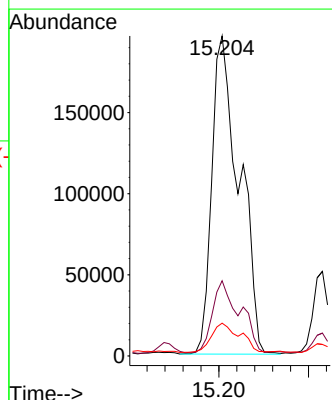
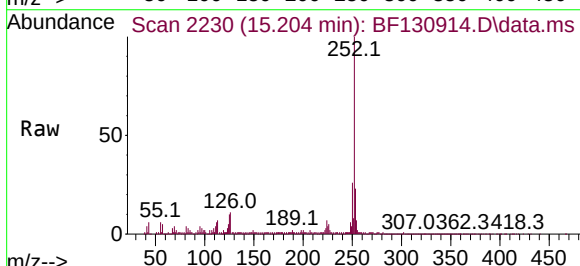
Tgt Ion:252 Resp: 417023

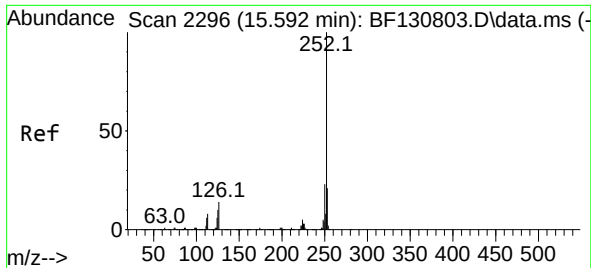
Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

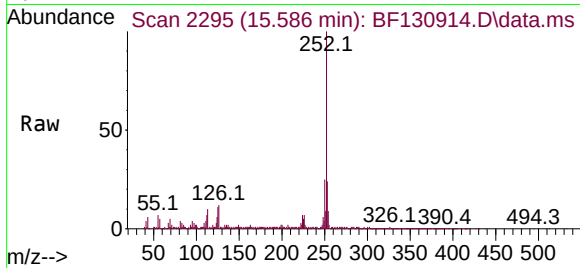
125 10.3 8.0 12.0



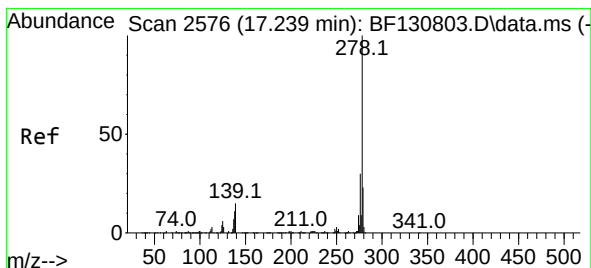
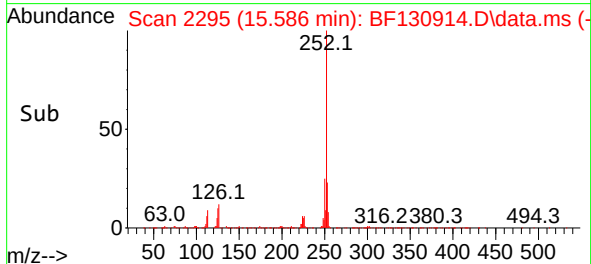
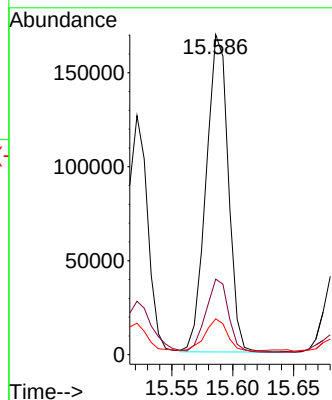


#90
Benzo(a)pyrene
Concen: 45.867 ng
RT: 15.586 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

Instrument :
BNA_F
ClientSampleId :

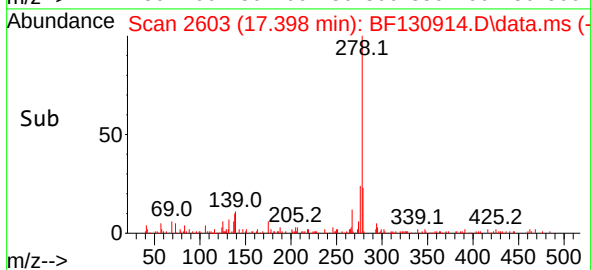
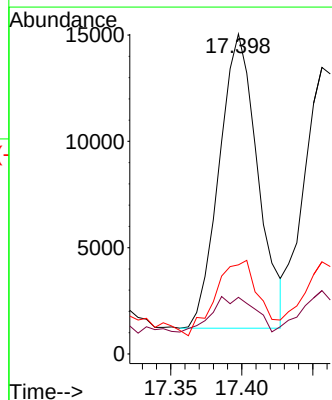
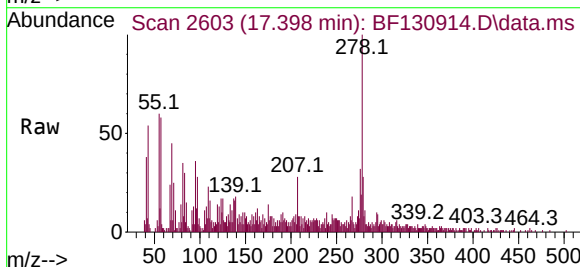


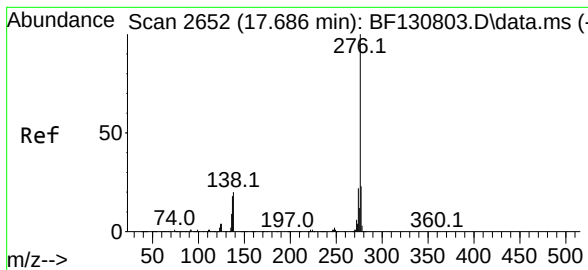
Tgt Ion:252 Resp: 214644
Ion Ratio Lower Upper
252 100
253 23.6 16.8 25.2
125 11.2 8.3 12.5



#91
Dibenzo(a,h)anthracene
Concen: 5.364 ng
RT: 17.398 min Scan# 2603
Delta R.T. 0.182 min
Lab File: BF130914.D
Acq: 01 Nov 2022 22:41

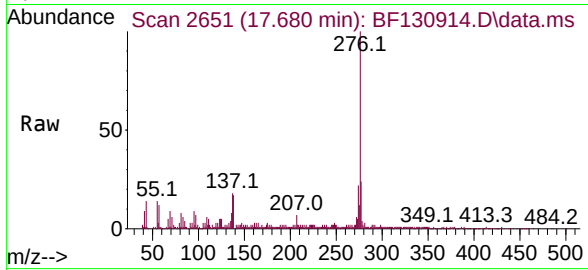
Tgt Ion:278 Resp: 26148
Ion Ratio Lower Upper
278 100
139 17.7 11.9 17.9
279 27.8 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 26.624 ng
 RT: 17.680 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: BF130914.D
 Acq: 01 Nov 2022 22:41

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion: 276 Resp: 132420

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	16.6	16.3	24.5

