

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130917.D
 Acq On : 02 Nov 2022 00:17
 Operator : CG\JU
 Sample : N5359-01DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:26:52 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)

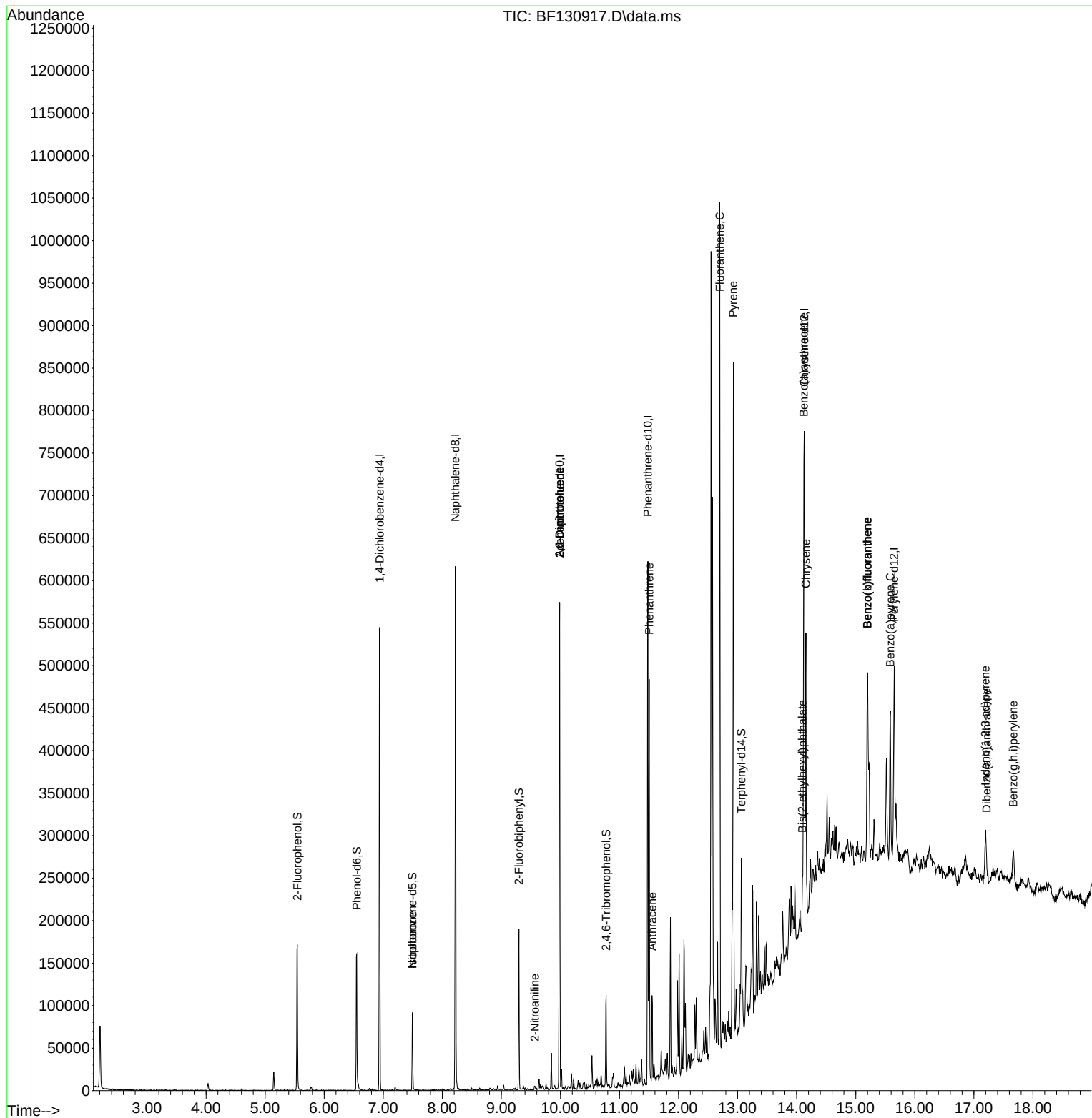
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	72981	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	227704	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	106885	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	210635	20.000	ng	0.00
76) Chrysene-d12	14.127	240	133521	20.000	ng	0.00
86) Perylene-d12	15.651	264	101274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	42894	10.189	ng	0.00
7) Phenol-d6	6.551	99	50113	9.160	ng	0.00
23) Nitrobenzene-d5	7.492	82	27231	7.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.774	330	10114	11.241	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	48281	6.829	ng	0.00
79) Terphenyl-d14	13.063	244	57919	7.949	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.492	82	27230	3.497	ng	# 66
48) 2-Nitroaniline	9.569	65	64	4.177	ng	# 12
51) 2,6-Dinitrotoluene	9.986	165	14452	12.543	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	14452	11.312	ng	# 20
71) Phenanthrene	11.504	178	157745	14.510	ng	99
72) Anthracene	11.551	178	38573	3.597	ng	96
75) Fluoranthene	12.698	202	351587	30.438	ng	99
78) Pyrene	12.927	202	308585	27.394	ng	99
81) Benzo(a)anthracene	14.121	228	144625	16.337	ng	96
83) Chrysene	14.157	228	129581	15.175	ng	98
84) Bis(2-ethylhexyl)phtha...	14.098	149	11550	2.370	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.198	276	44151	6.565	ng	# 93
88) Benzo(b)fluoranthene	15.198	252	170503	26.044	ng	98
89) Benzo(k)fluoranthene	15.198	252	170503	26.728	ng	99
90) Benzo(a)pyrene	15.586	252	85544	16.255	ng	97
91) Dibenzo(a,h)anthracene	17.215	278	11965	2.182	ng	# 80
92) Benzo(g,h,i)perylene	17.668	276	42700	7.634	ng	# 92

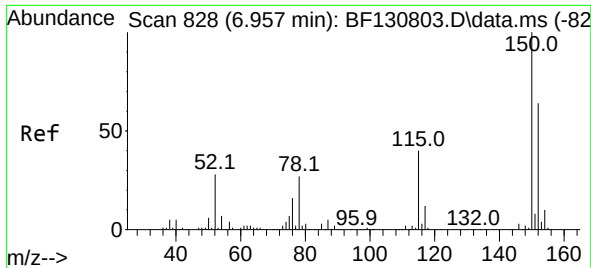
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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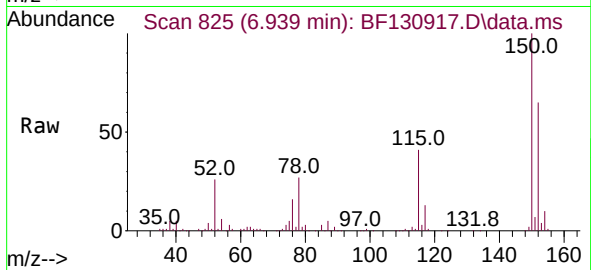
Quant Time: Nov 02 08:26:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 08:18:35 2022
Response via : Initial Calibration



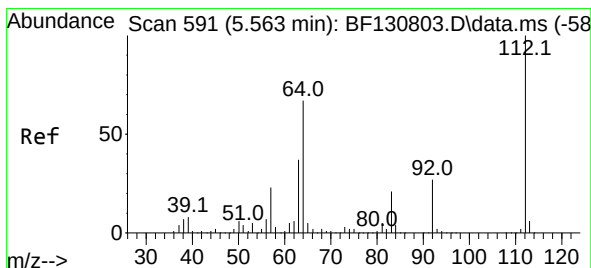
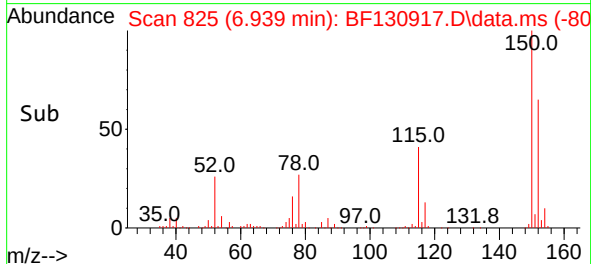
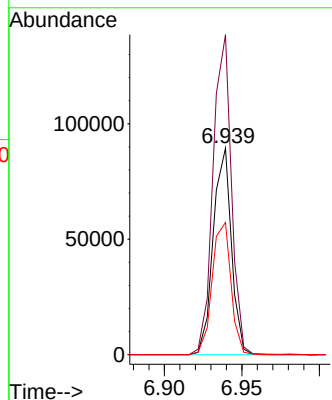


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130917.D
 Acq: 02 Nov 2022 00:17

Instrument :
 BNA_F
 ClientSampleId :

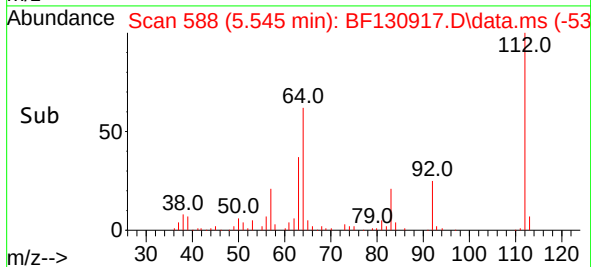
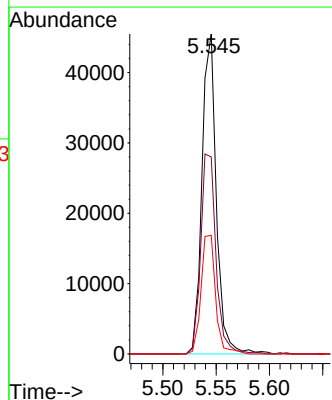
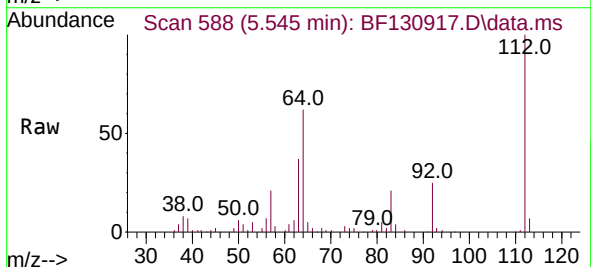


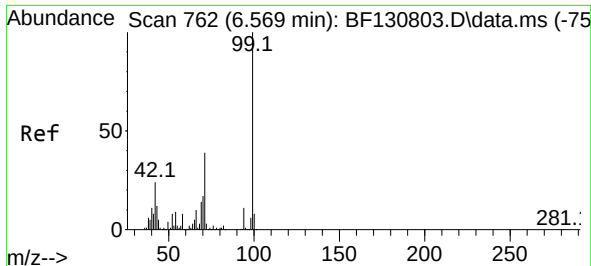
Tgt Ion:152 Resp: 72981
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.1 186.1
 115 64.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 10.189 ng
 RT: 5.545 min Scan# 588
 Delta R.T. -0.006 min
 Lab File: BF130917.D
 Acq: 02 Nov 2022 00:17

Tgt Ion:112 Resp: 42894
 Ion Ratio Lower Upper
 112 100
 64 61.6 53.9 80.9
 63 37.1 29.4 44.2

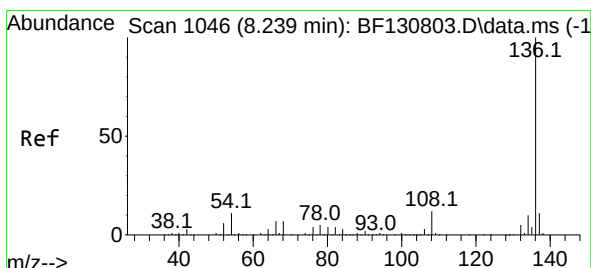
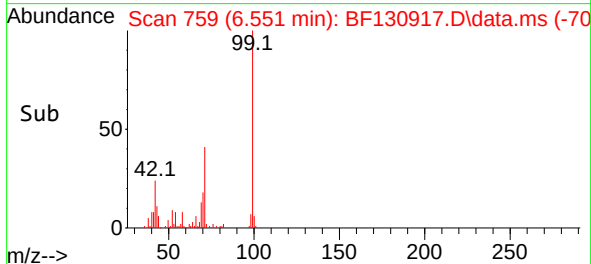
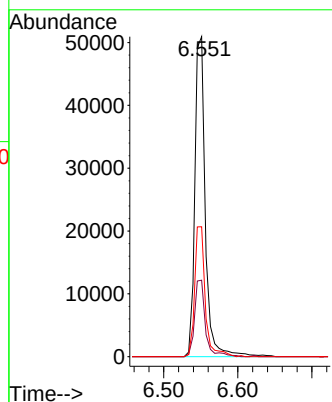
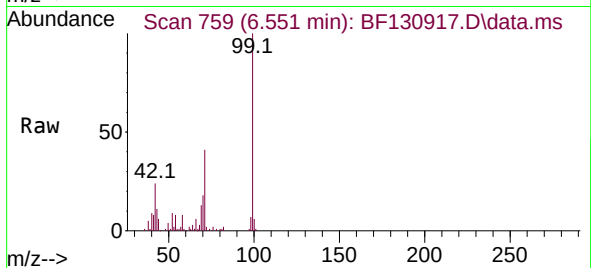




#7
Phenol-d6
Concen: 9.160 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130917.D
Acq: 02 Nov 2022 00:17

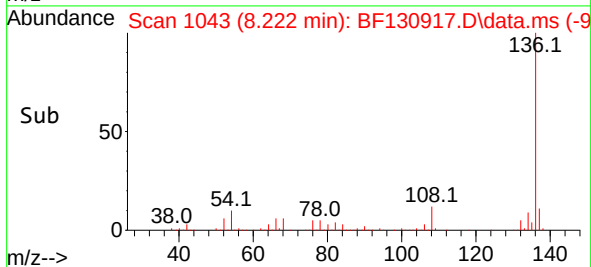
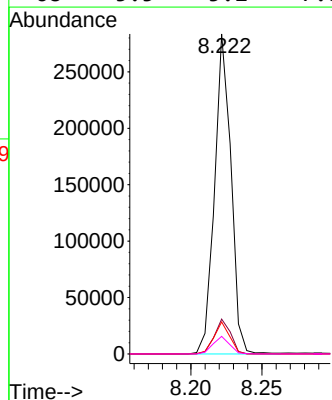
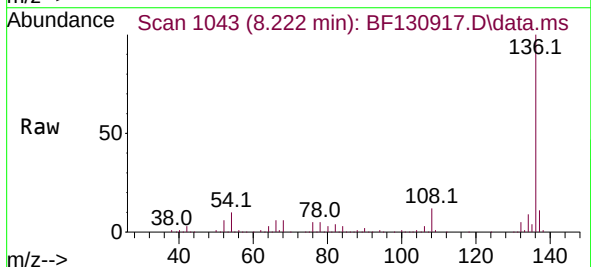
Instrument :
BNA_F
ClientSampleId :

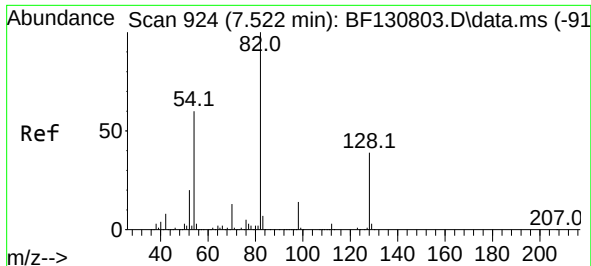
Tgt Ion: 99 Resp: 50113
Ion Ratio Lower Upper
99 100
42 23.9 18.8 28.2
71 40.6 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF130917.D
Acq: 02 Nov 2022 00:17

Tgt Ion: 136 Resp: 227704
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 10.0 8.8 13.2
68 5.5 5.2 7.8

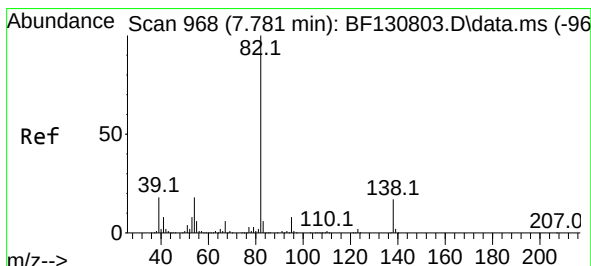
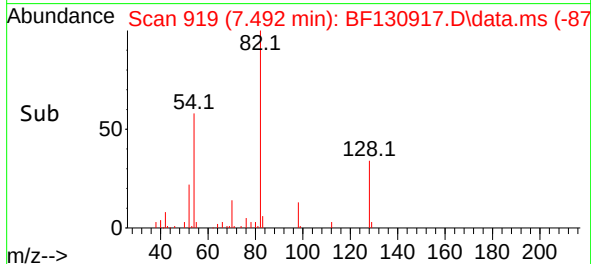
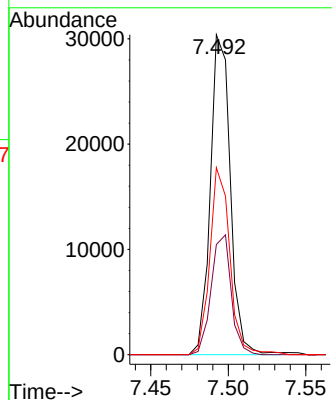
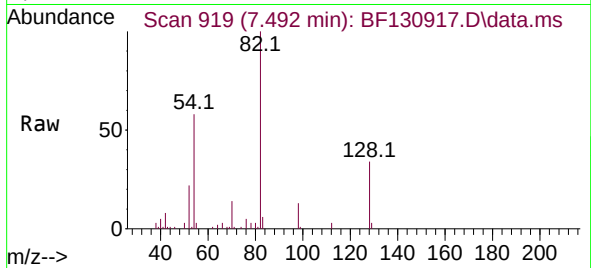




#23
Nitrobenzene-d5
Concen: 7.211 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.012 min
Lab File: BF130917.D
Acq: 02 Nov 2022 00:17

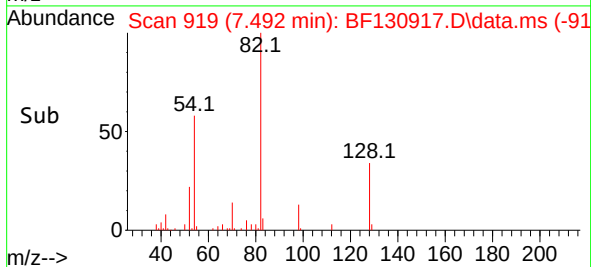
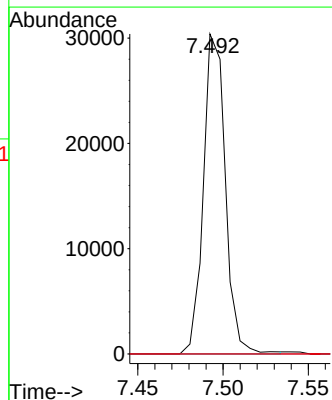
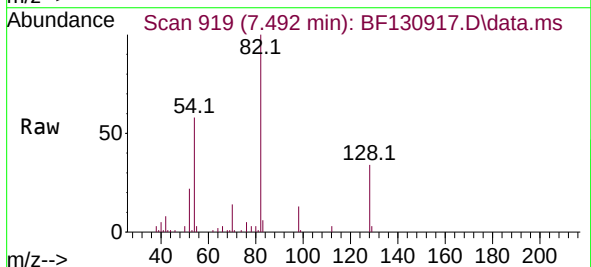
Instrument :
BNA_F
ClientSampleId :

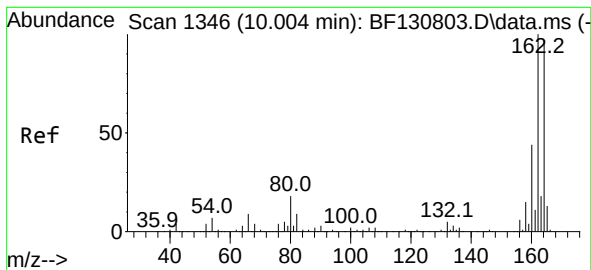
Tgt Ion: 82 Resp: 27231
Ion Ratio Lower Upper
82 100
128 34.4 31.2 46.8
54 58.4 48.0 72.0



#25
Isophorone
Concen: 3.497 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.271 min
Lab File: BF130917.D
Acq: 02 Nov 2022 00:17

Tgt Ion: 82 Resp: 27230
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 11

Delta R.T. -0.000 min

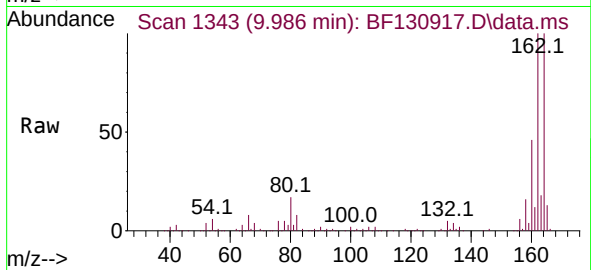
Lab File: BF130917.D

Acq: 02 Nov 2022 00:17

Instrument :

BNA_F

ClientSampleId :



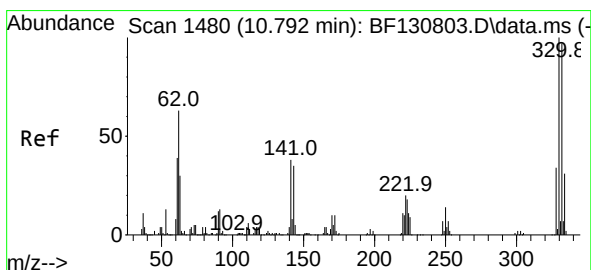
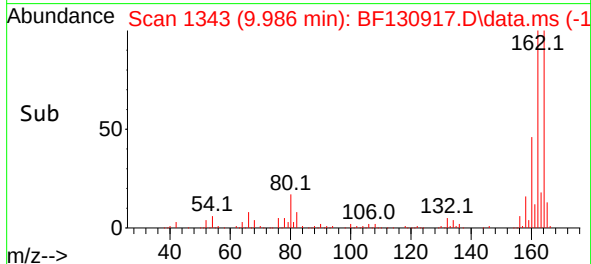
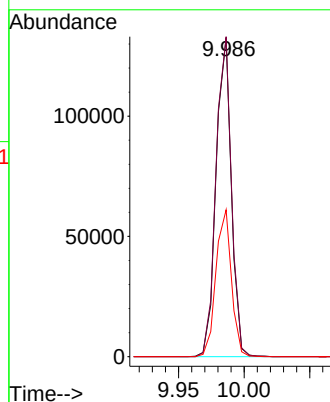
Tgt Ion:164 Resp: 106885

Ion Ratio Lower Upper

164 100

162 100.4 82.2 123.2

160 46.1 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 11.241 ng

RT: 10.774 min Scan# 1477

Delta R.T. -0.006 min

Lab File: BF130917.D

Acq: 02 Nov 2022 00:17

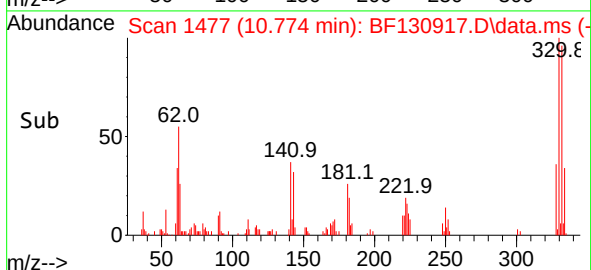
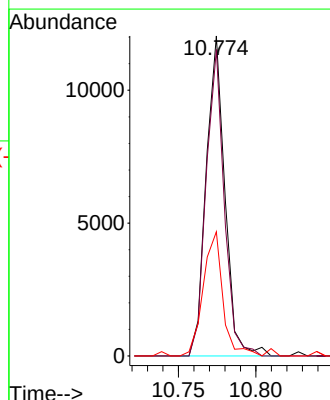
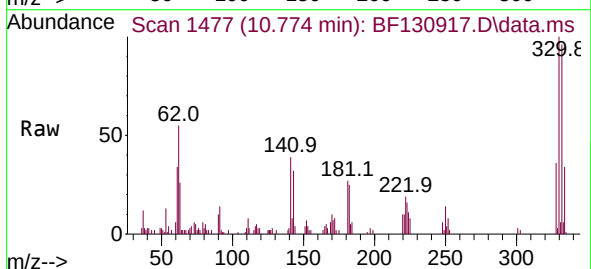
Tgt Ion:330 Resp: 10114

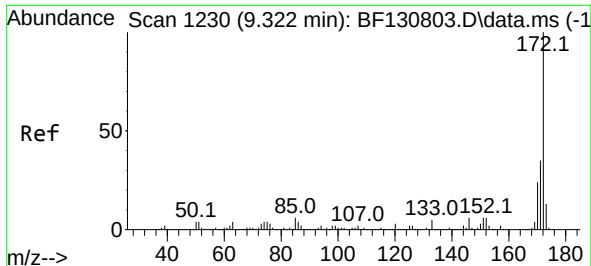
Ion Ratio Lower Upper

330 100

332 92.6 76.2 114.4

141 40.6 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 6.829 ng

RT: 9.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130917.D

Acq: 02 Nov 2022 00:17

Instrument :

BNA_F

ClientSampleId :

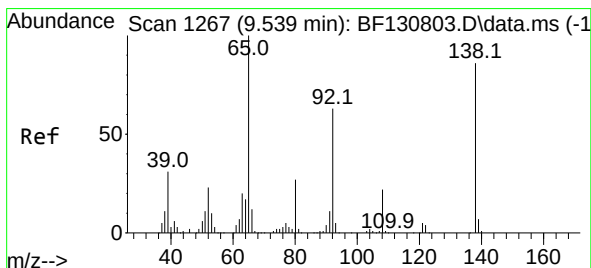
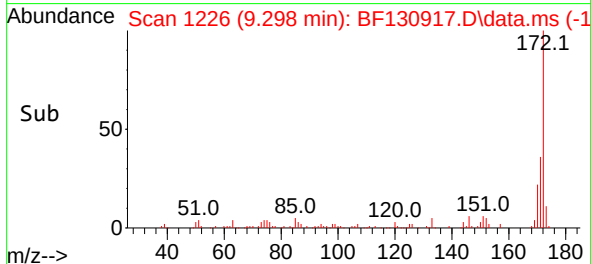
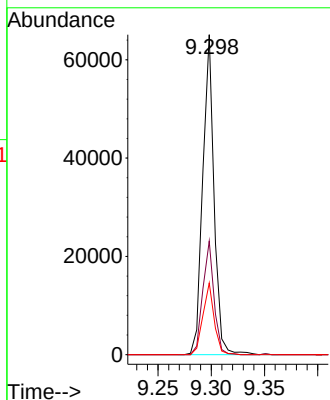
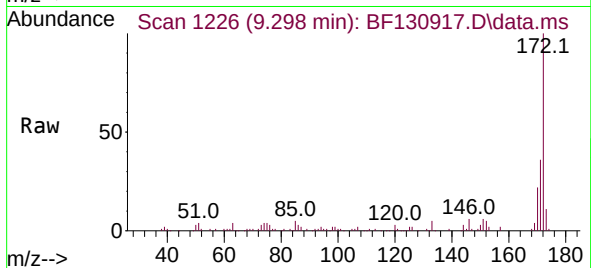
Tgt Ion:172 Resp: 48281

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 22.4 19.0 28.4



#48

2-Nitroaniline

Concen: 4.177 ng

RT: 9.569 min Scan# 1272

Delta R.T. 0.041 min

Lab File: BF130917.D

Acq: 02 Nov 2022 00:17

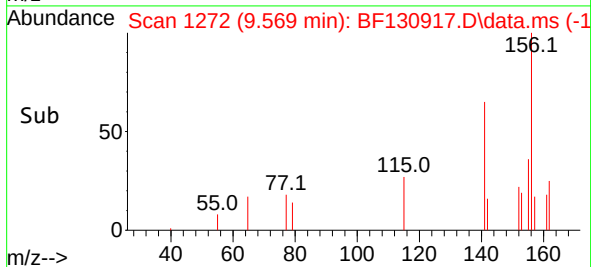
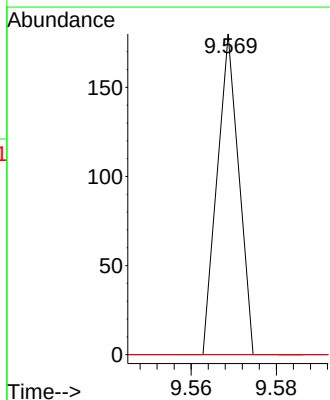
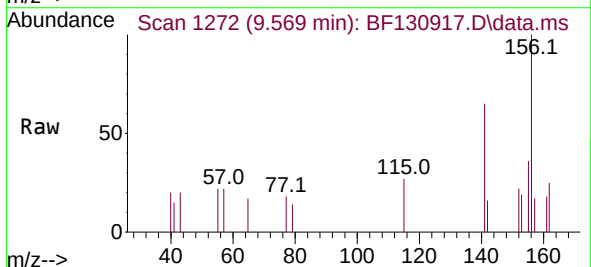
Tgt Ion: 65 Resp: 64

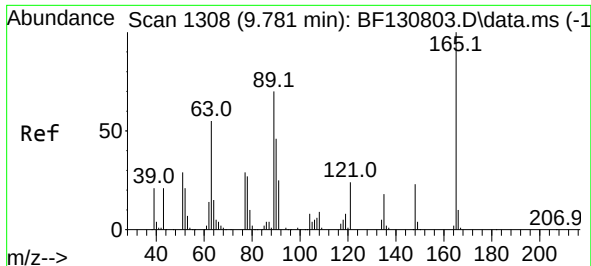
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#

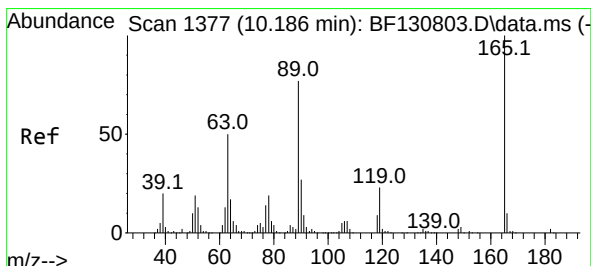
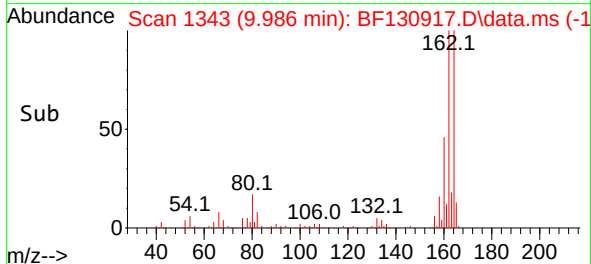
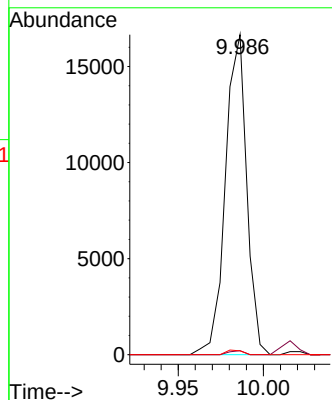
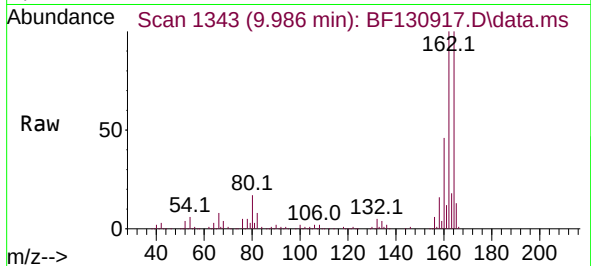




#51
2,6-Dinitrotoluene
Concen: 12.543 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.218 min
Lab File: BF130917.D
Acq: 02 Nov 2022 00:17

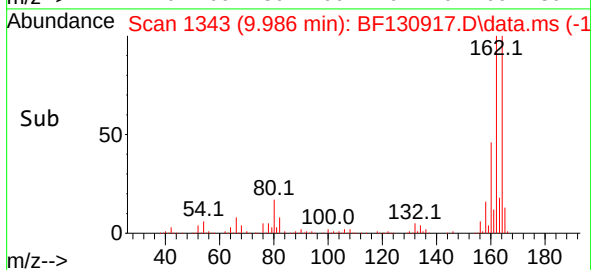
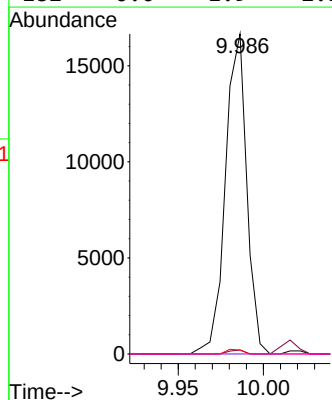
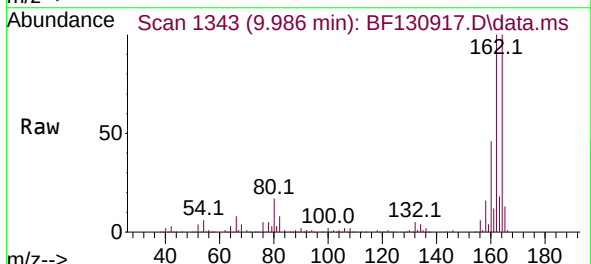
Instrument :
BNA_F
ClientSampleId :

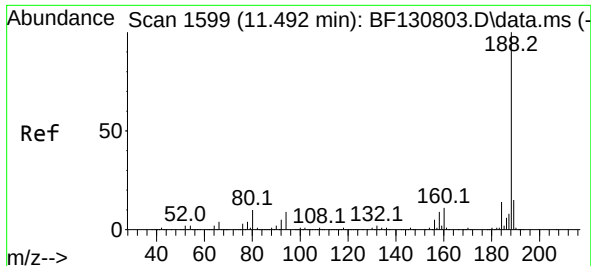
Tgt Ion:165 Resp: 14452
Ion Ratio Lower Upper
165 100
63 1.3 61.8 92.8#
89 1.2 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 11.312 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.188 min
Lab File: BF130917.D
Acq: 02 Nov 2022 00:17

Tgt Ion:165 Resp: 14452
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.2 61.9 92.9#
182 0.0 1.9 2.9#

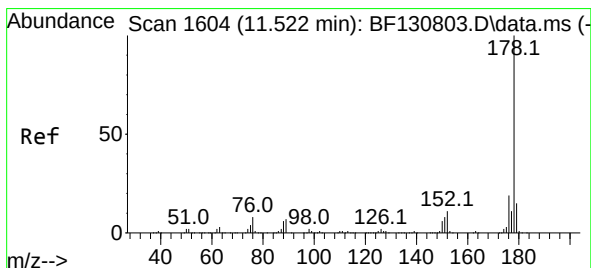
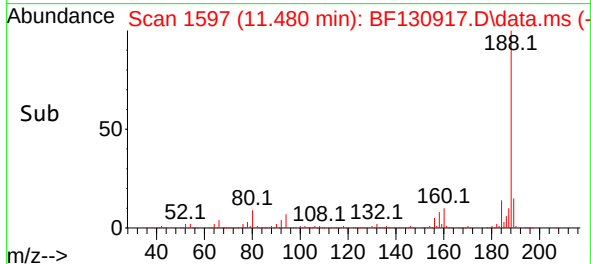
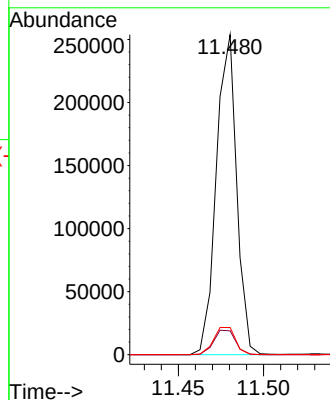
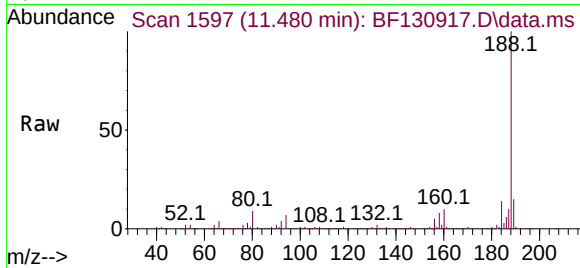




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130917.D
Acq: 02 Nov 2022 00:17

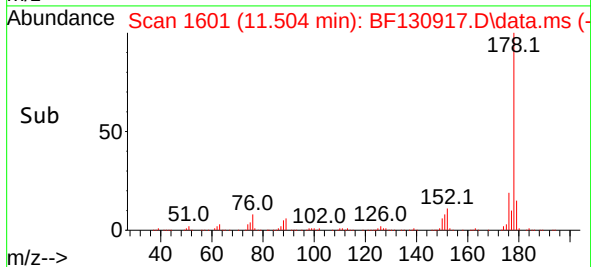
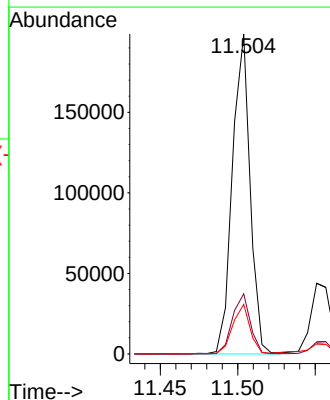
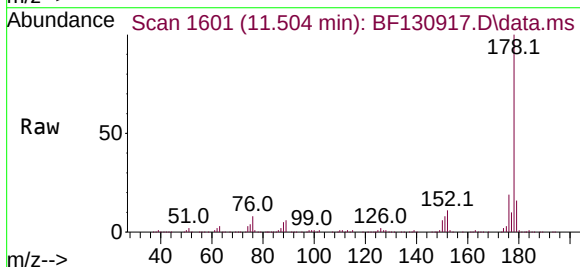
Instrument :
BNA_F
ClientSampleId :

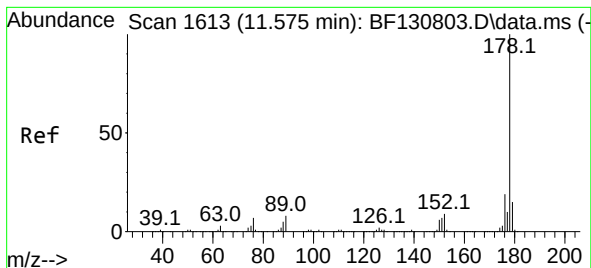
Tgt Ion:188 Resp: 210635
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 8.5 8.0 12.0



#71
Phenanthrene
Concen: 14.510 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BF130917.D
Acq: 02 Nov 2022 00:17

Tgt Ion:178 Resp: 157745
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.5 12.2 18.2





#72

Anthracene

Concen: 3.597 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130917.D

Acq: 02 Nov 2022 00:17

Instrument :

BNA_F

ClientSampleId :

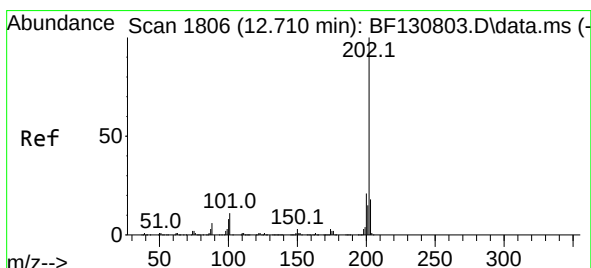
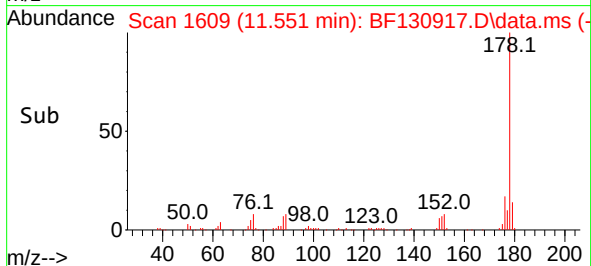
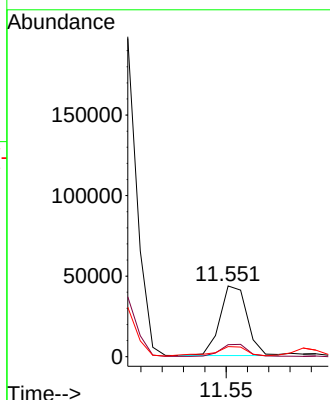
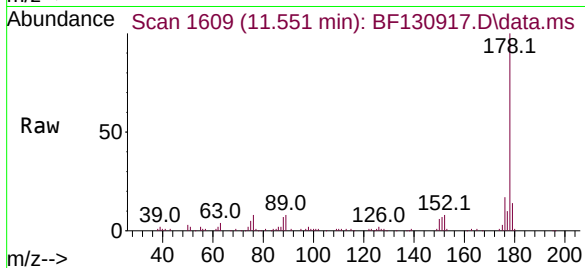
Tgt Ion:178 Resp: 38573

Ion Ratio Lower Upper

178 100

176 17.0 15.4 23.0

179 14.3 12.2 18.4



#75

Fluoranthene

Concen: 30.438 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF130917.D

Acq: 02 Nov 2022 00:17

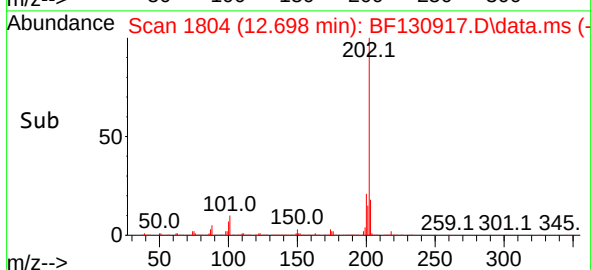
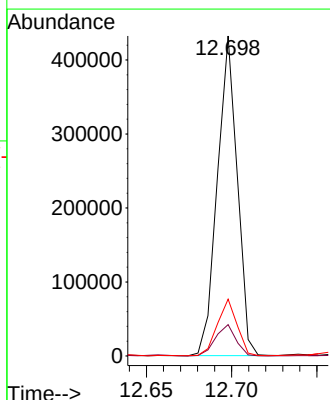
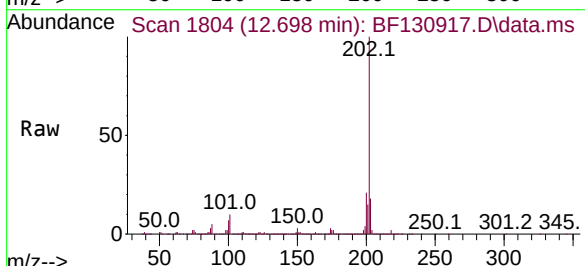
Tgt Ion:202 Resp: 351587

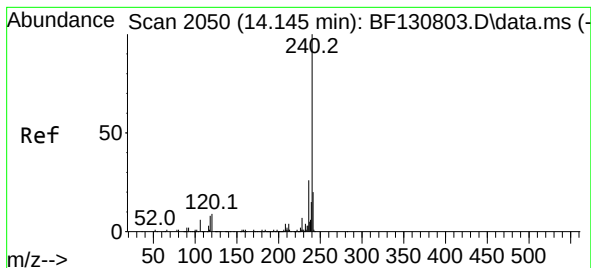
Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.9

203 17.7 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2050

Delta R.T. -0.000 min

Lab File: BF130917.D

Acq: 02 Nov 2022 00:17

Instrument :

BNA_F

ClientSampleId :

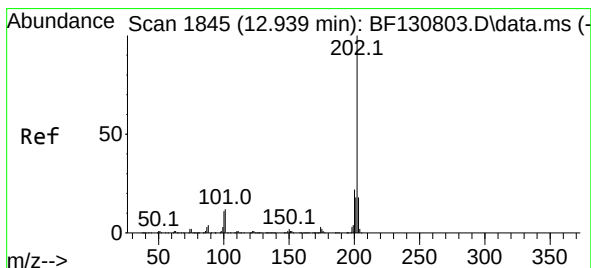
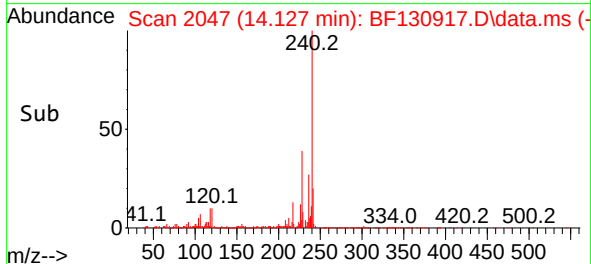
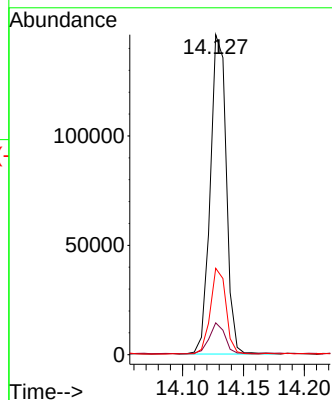
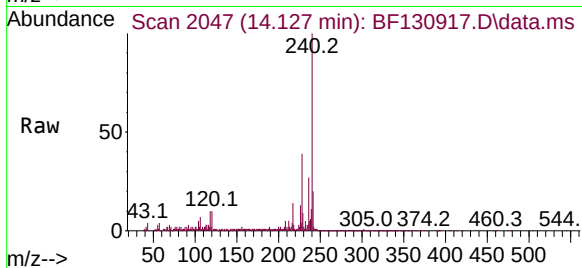
Tgt Ion:240 Resp: 133521

Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.4

236 27.0 20.5 30.7



#78

Pyrene

Concen: 27.394 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF130917.D

Acq: 02 Nov 2022 00:17

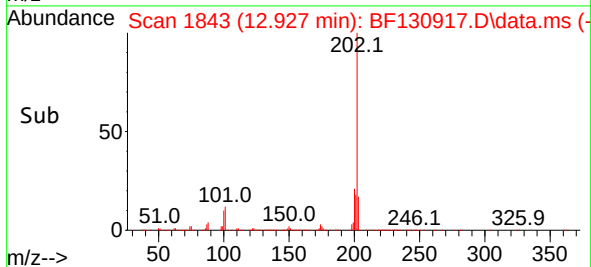
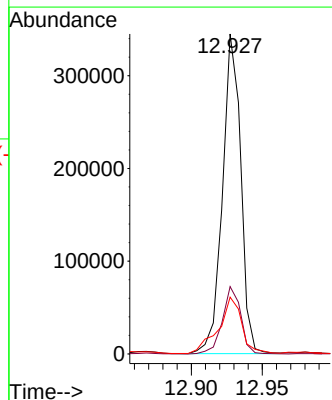
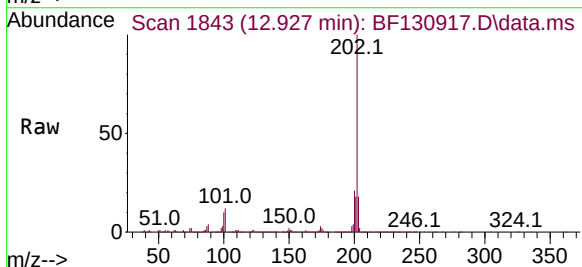
Tgt Ion:202 Resp: 308585

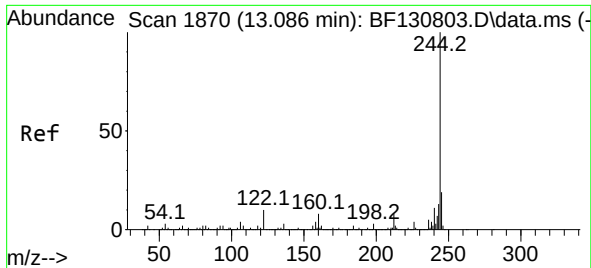
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.8 14.5 21.7

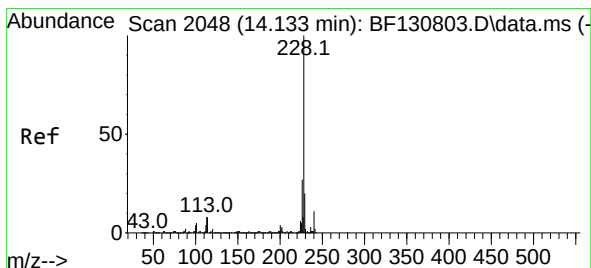
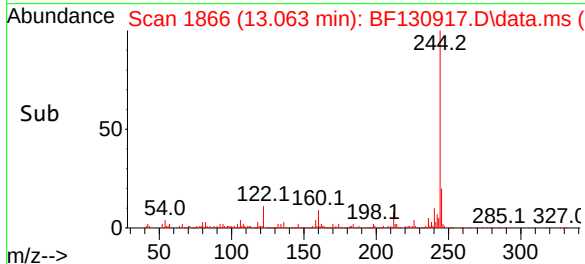
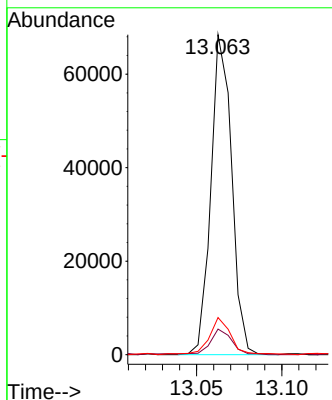
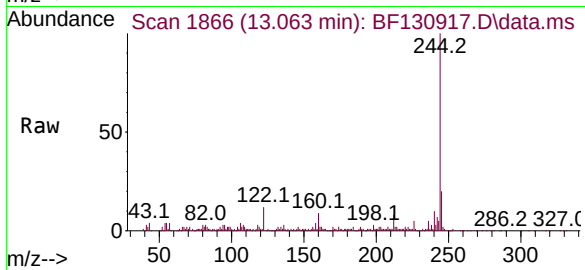




#79
 Terphenyl-d14
 Concen: 7.949 ng
 RT: 13.063 min Scan# 1866
 Delta R.T. -0.006 min
 Lab File: BF130917.D
 Acq: 02 Nov 2022 00:17

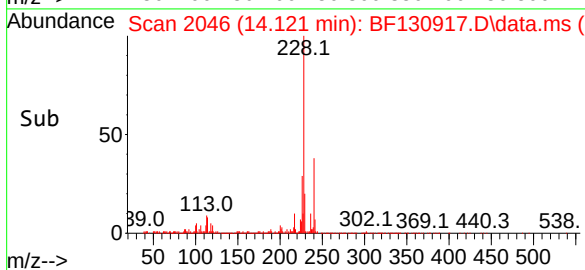
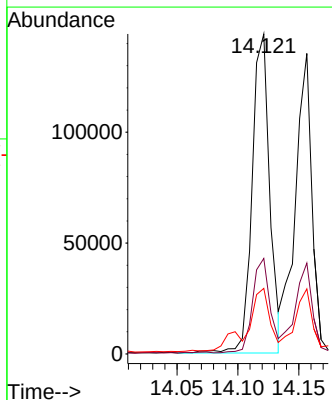
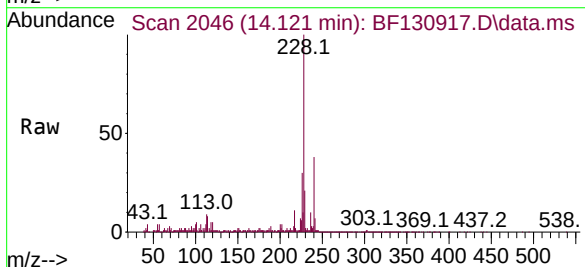
Instrument :
 BNA_F
 ClientSampleId :

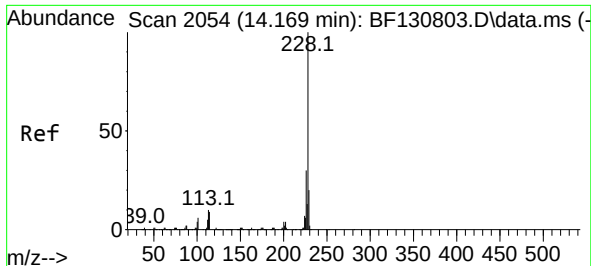
Tgt Ion:244 Resp: 57919
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 11.6 7.9 11.9



#81
 Benzo(a)anthracene
 Concen: 16.337 ng
 RT: 14.121 min Scan# 2046
 Delta R.T. 0.006 min
 Lab File: BF130917.D
 Acq: 02 Nov 2022 00:17

Tgt Ion:228 Resp: 144625
 Ion Ratio Lower Upper
 228 100
 226 29.9 21.4 32.2
 229 20.5 15.8 23.6

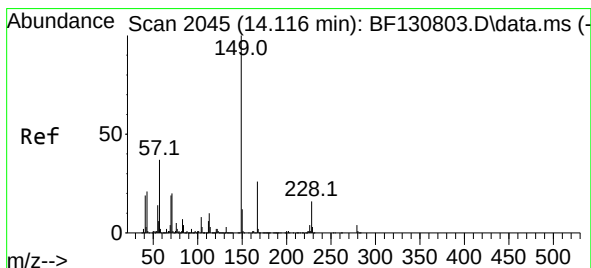
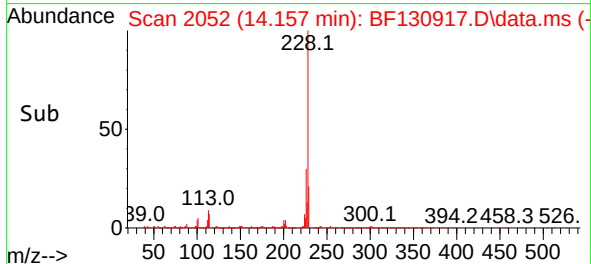
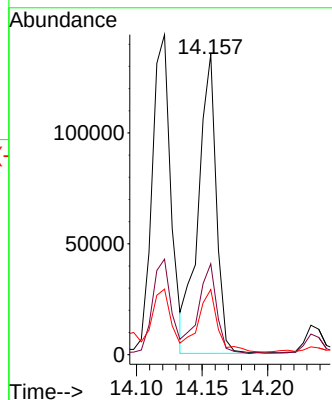
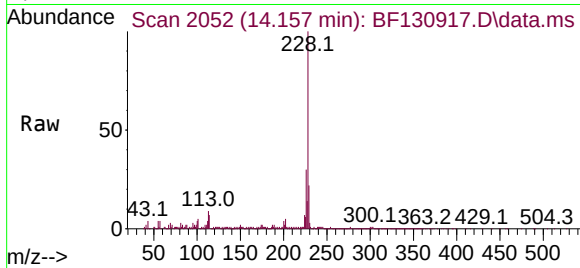




#83
Chrysene
Concen: 15.175 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF130917.D
Acq: 02 Nov 2022 00:17

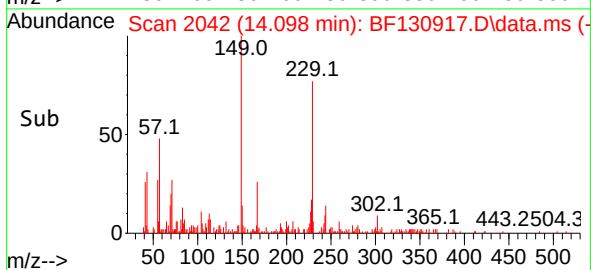
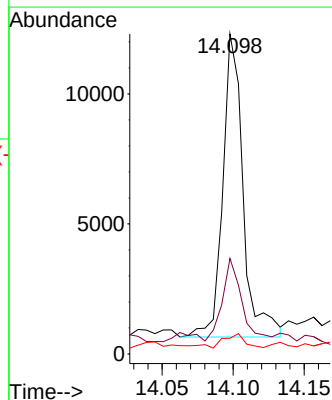
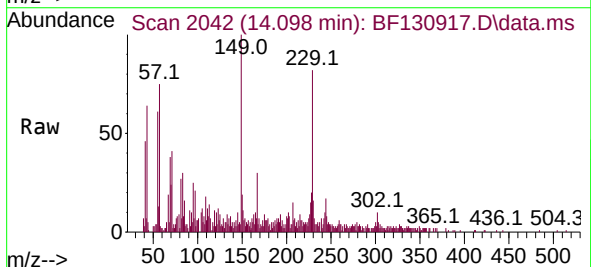
Instrument :
BNA_F
ClientSampleId :

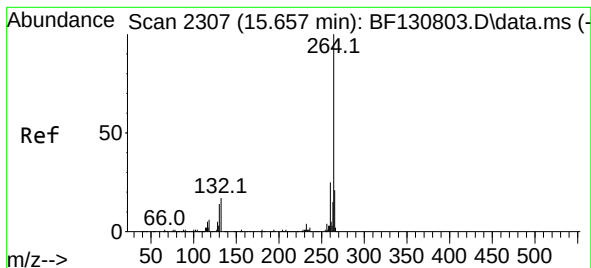
Tgt Ion:	228	Resp:	129581
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.9	35.9
229	21.7	15.8	23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.370 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BF130917.D
Acq: 02 Nov 2022 00:17

Tgt Ion:	149	Resp:	11550
Ion Ratio	Lower	Upper	
149	100		
167	29.8	21.0	31.4
279	4.9	3.0	4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130917.D

Acq: 02 Nov 2022 00:17

Instrument :

BNA_F

ClientSampleId :

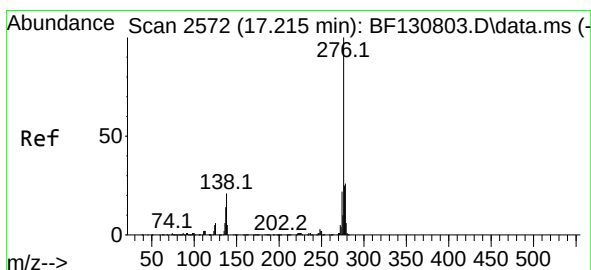
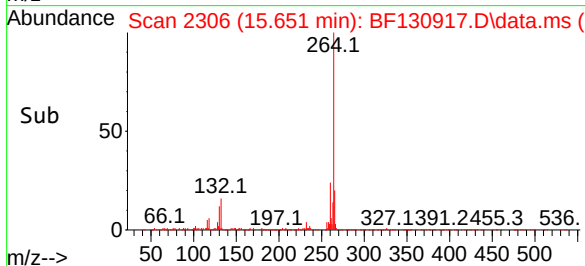
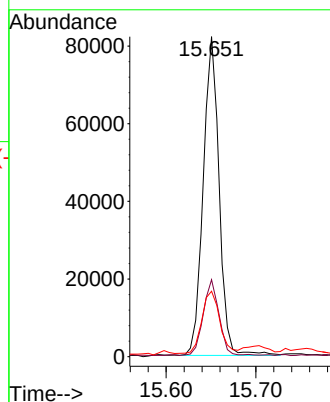
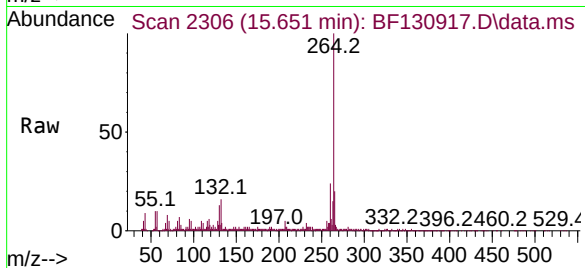
Tgt Ion:264 Resp: 101274

Ion Ratio Lower Upper

264 100

260 24.0 19.9 29.9

265 20.5 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 6.565 ng

RT: 17.198 min Scan# 2569

Delta R.T. 0.006 min

Lab File: BF130917.D

Acq: 02 Nov 2022 00:17

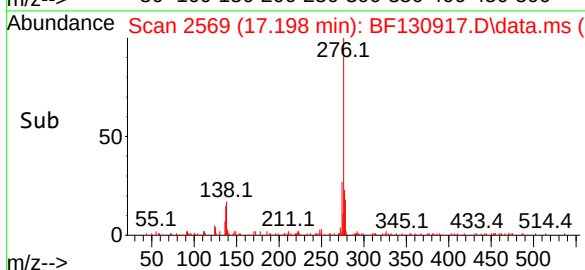
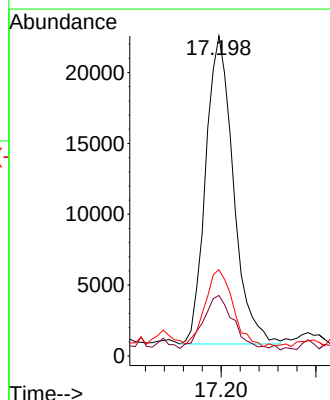
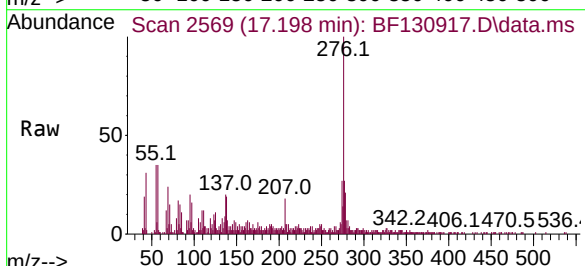
Tgt Ion:276 Resp: 44151

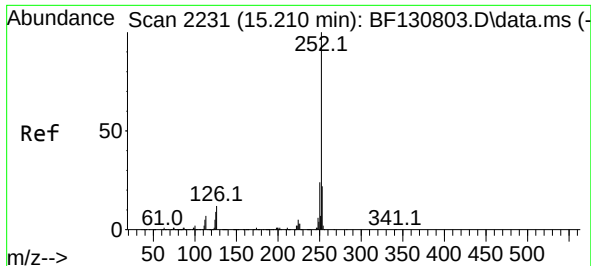
Ion Ratio Lower Upper

276 100

138 18.6 19.1 28.7#

277 26.4 20.1 30.1

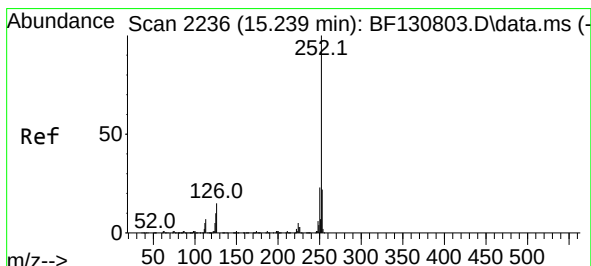
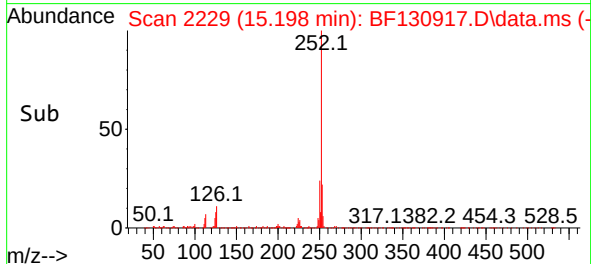
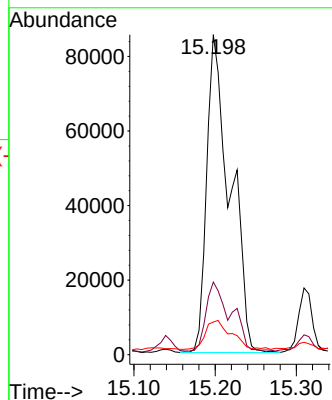
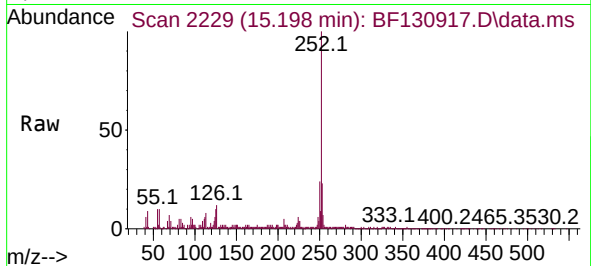




#88
Benzo(b)fluoranthene
Concen: 26.044 ng
RT: 15.198 min Scan# 2229
Delta R.T. 0.006 min
Lab File: BF130917.D
Acq: 02 Nov 2022 00:17

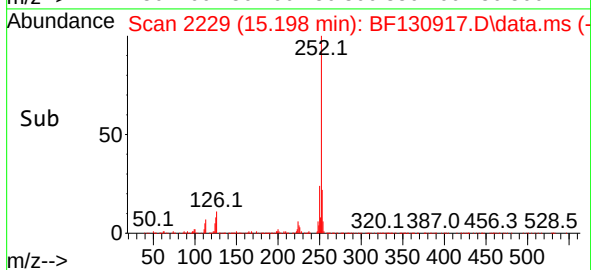
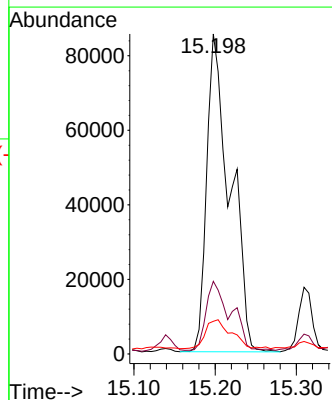
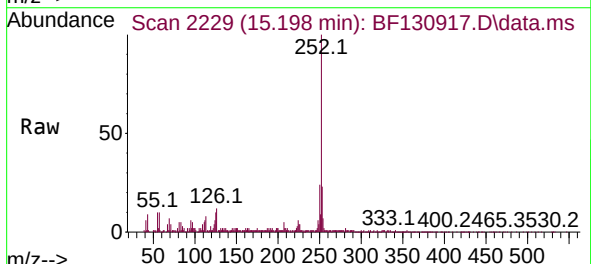
Instrument :
BNA_F
ClientSampleId :

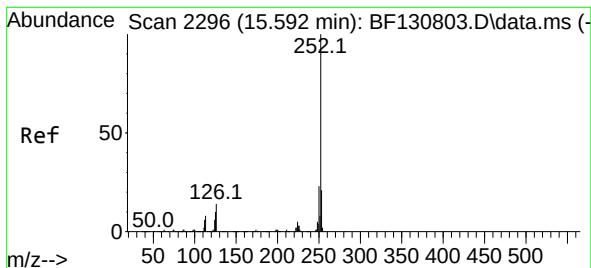
Tgt Ion:252 Resp: 170503
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.2 7.0 10.4



#89
Benzo(k)fluoranthene
Concen: 26.728 ng
RT: 15.198 min Scan# 2229
Delta R.T. -0.029 min
Lab File: BF130917.D
Acq: 02 Nov 2022 00:17

Tgt Ion:252 Resp: 170503
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.2 8.0 12.0





#90

Benzo(a)pyrene

Concen: 16.255 ng

RT: 15.586 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130917.D

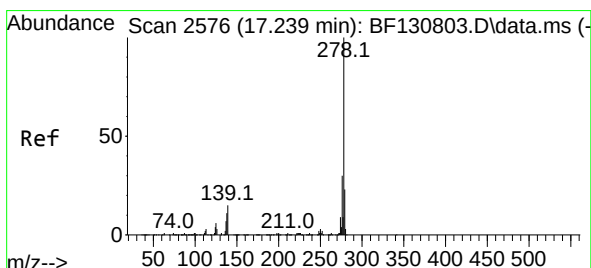
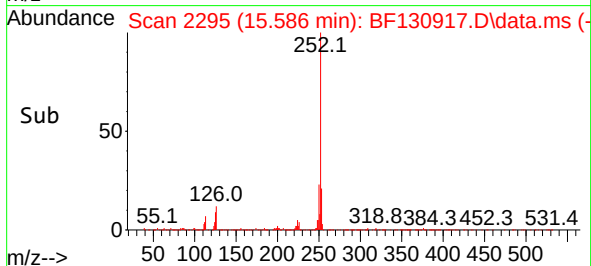
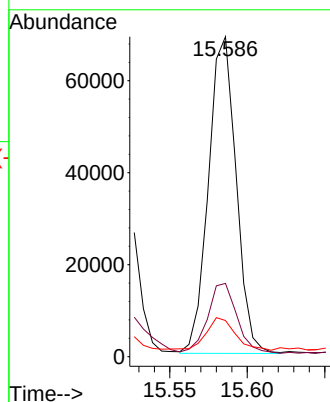
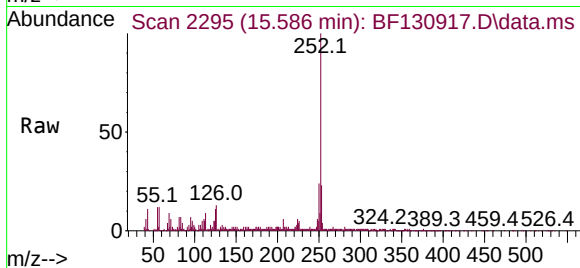
Acq: 02 Nov 2022 00:17

Instrument :

BNF

ClientSampleId :

Tgt Ion:252	Resp:	85544
Ion Ratio	Lower	Upper
252	100	
253	22.9	16.8 25.2
125	11.3	8.3 12.5



#91

Dibenzo(a,h)anthracene

Concen: 2.182 ng

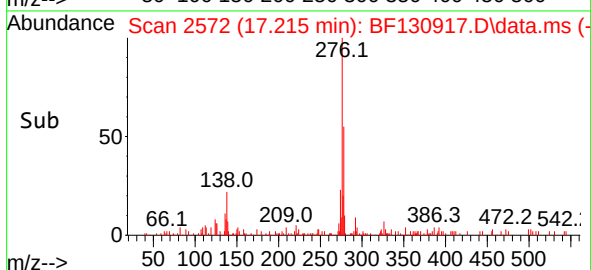
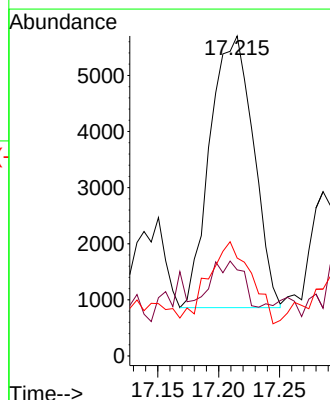
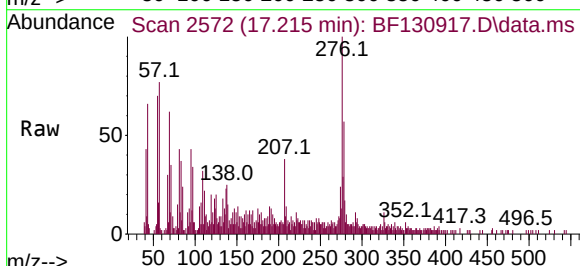
RT: 17.215 min Scan# 2572

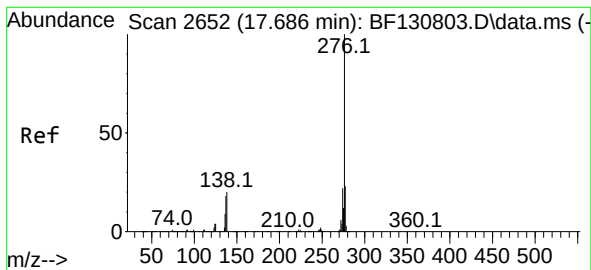
Delta R.T. -0.000 min

Lab File: BF130917.D

Acq: 02 Nov 2022 00:17

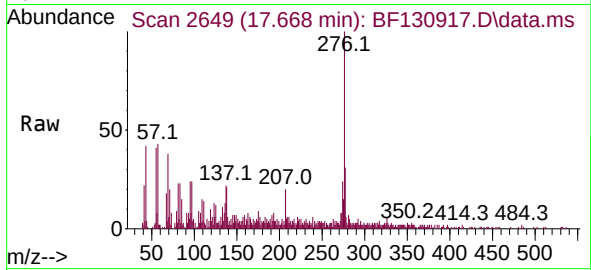
Tgt Ion:278	Resp:	11965
Ion Ratio	Lower	Upper
278	100	
139	26.9	11.9 17.9#
279	30.6	18.6 28.0#





#92
 Benzo(g,h,i)perylene
 Concen: 7.634 ng
 RT: 17.668 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF130917.D
 Acq: 02 Nov 2022 00:17

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:276 Resp: 42700
 Ion Ratio Lower Upper
 276 100
 277 30.5 18.8 28.2#
 138 20.5 16.3 24.5

