

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130376.D
 Acq On : 22 Sep 2022 15:10
 Operator : CG\JU
 Sample : N4732-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Sep 22 16:44:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

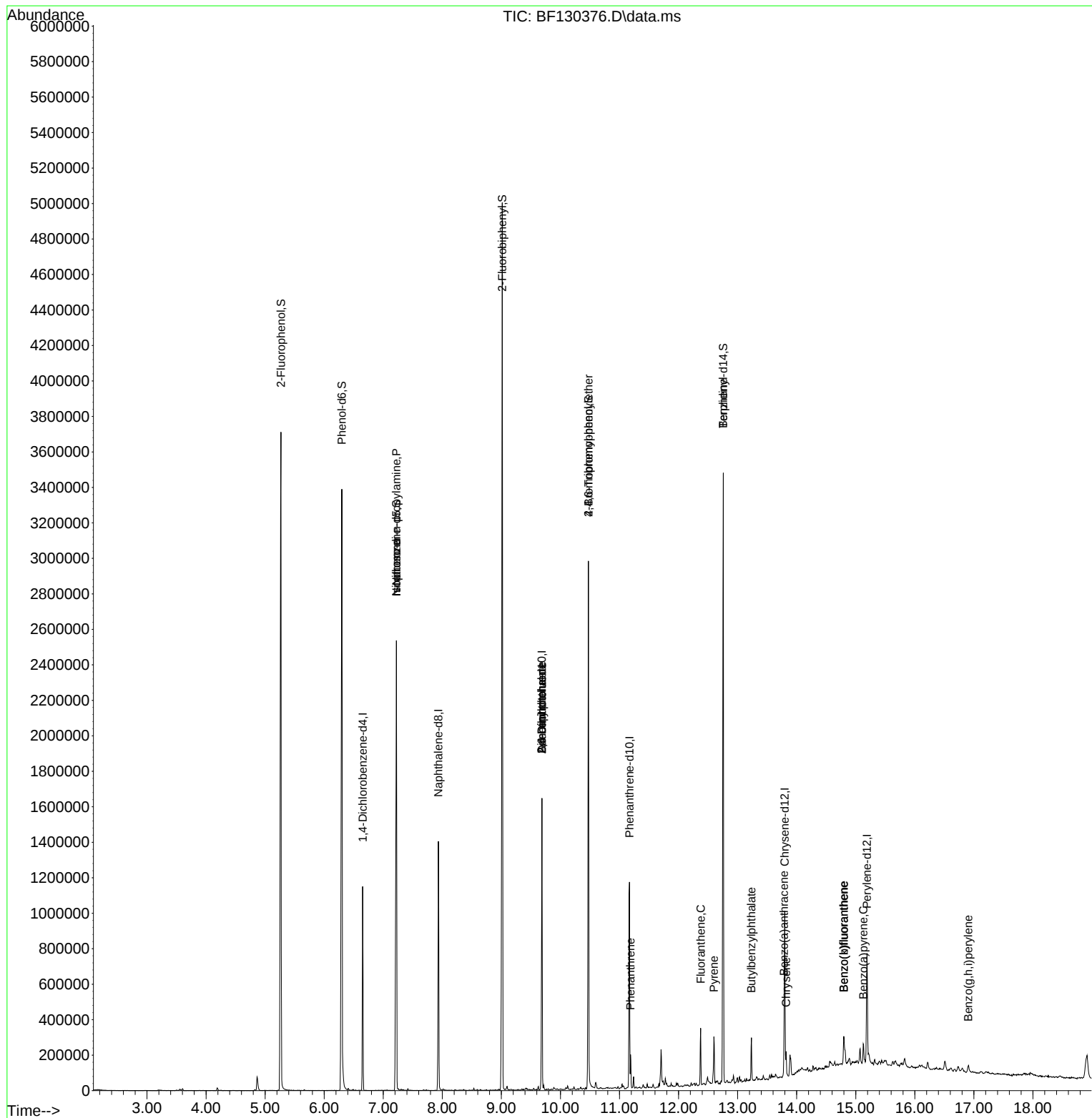
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	153281	20.000	ng	-0.01
21) Naphthalene-d8	7.933	136	607370	20.000	ng	-0.01
39) Acenaphthene-d10	9.686	164	299777	20.000	ng	0.00
64) Phenanthrene-d10	11.168	188	424415	20.000	ng	0.00
76) Chrysene-d12	13.798	240	273789	20.000	ng	0.00
86) Perylene-d12	15.192	264	262182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	1124313	127.223	ng	0.01
7) Phenol-d6	6.298	99	1429113	129.243	ng	0.00
23) Nitrobenzene-d5	7.222	82	905148	76.136	ng	-0.01
42) 2,4,6-Tribromophenol	10.474	330	348325	121.265	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1531783	74.408	ng	0.00
79) Terphenyl-d14	12.757	244	1095010	66.251	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	122857	16.466	ng	# 73
25) Isophorone	7.222	82	899980	46.968	ng	# 66
50) Dimethylphthalate	9.686	163	56356	2.722	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	38177	8.815	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	38177	6.898	ng	# 16
67) 4-Bromophenyl-phenylether	10.474	248	20707	4.423	ng	# 1
71) Phenanthrene	11.186	178	62676	2.630	ng	99
75) Fluoranthene	12.374	202	115203	5.003	ng	97
77) Benzidine	12.757	184	16658	2.096	ng	94
78) Pyrene	12.598	202	103768	4.332	ng	98
80) Butylbenzylphthalate	13.233	149	49123	5.536	ng	94
81) Benzo(a)anthracene	13.786	228	57800	3.173	ng	97
83) Chrysene	13.821	228	48752	2.819	ng	97
88) Benzo(b)fluoranthene	14.798	252	100797	5.890	ng	96
89) Benzo(k)fluoranthene	14.798	252	100797	5.988	ng	95
90) Benzo(a)pyrene	15.127	252	50370	3.715	ng	100
92) Benzo(g,h,i)perylene	16.903	276	31280	2.036	ng	98

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

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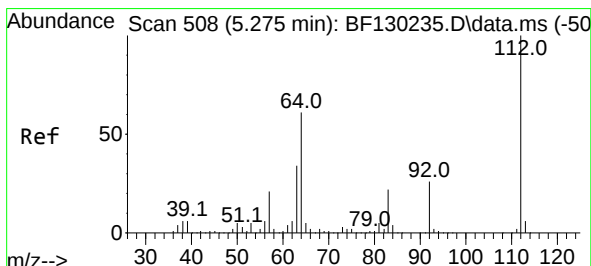
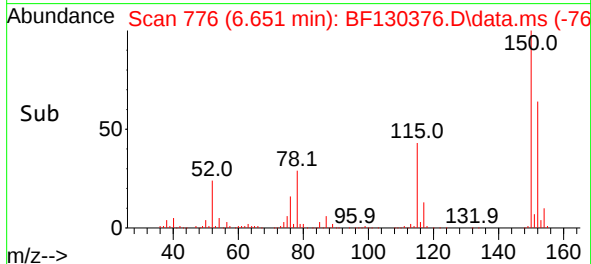
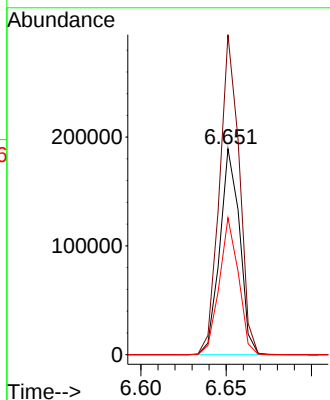
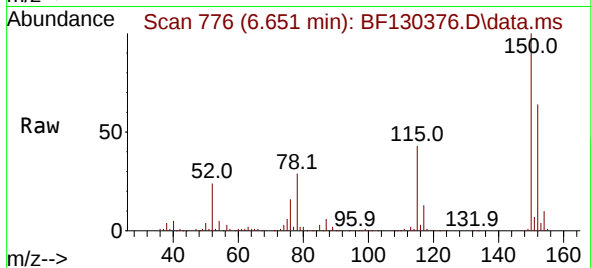




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

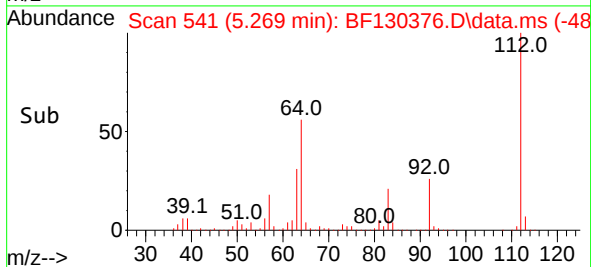
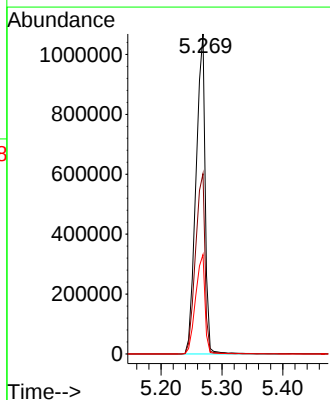
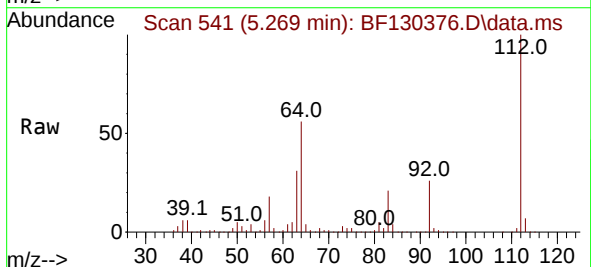
Instrument :
BNA_F
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WC-1

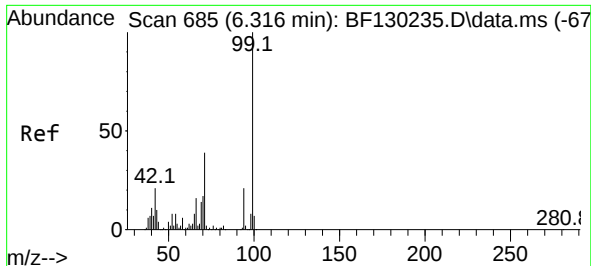
Tgt Ion:152 Resp: 153281
Ion Ratio Lower Upper
152 100
150 155.4 122.8 184.2
115 66.5 53.8 80.8



#5
2-Fluorophenol
Concen: 127.223 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Tgt Ion:112 Resp: 1124313
Ion Ratio Lower Upper
112 100
64 56.4 51.4 77.0
63 31.0 28.8 43.2

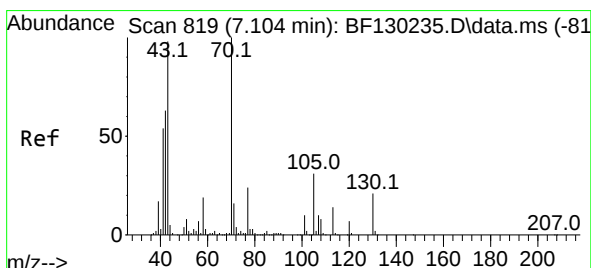
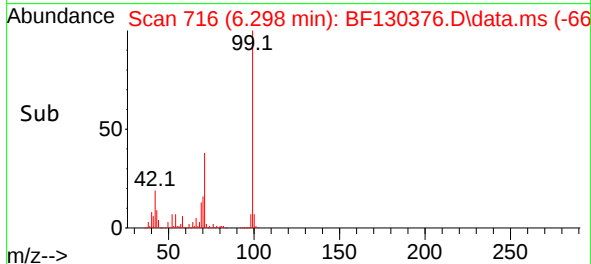
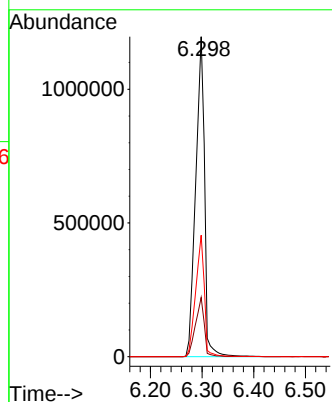
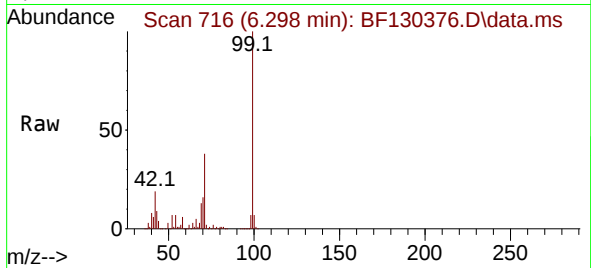




#7
Phenol-d6
Concen: 129.243 ng
RT: 6.298 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

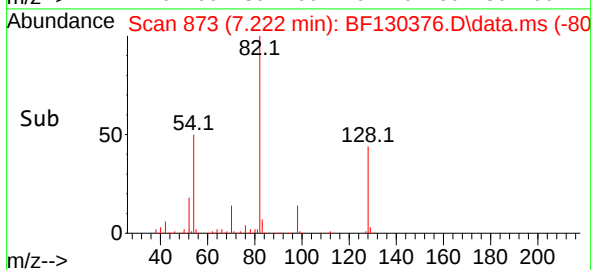
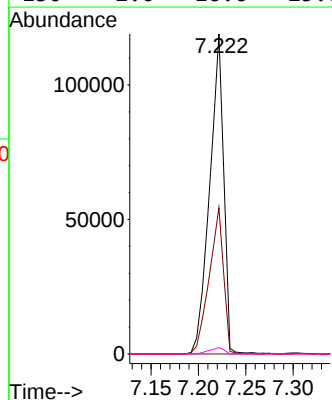
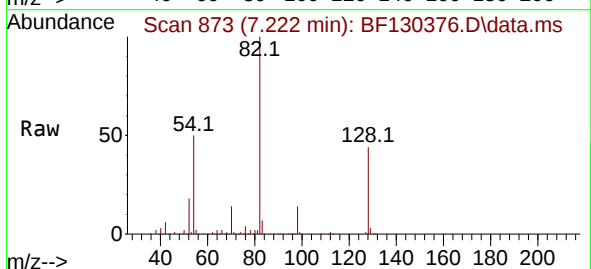
Instrument :
BNA_F
ClientSampleId :
WC-1

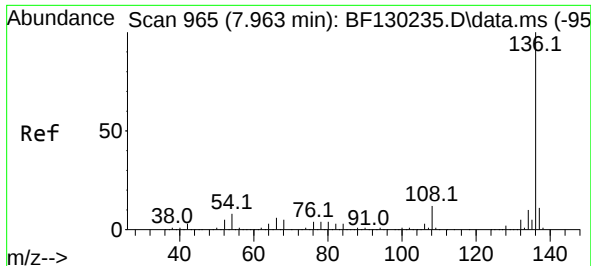
Tgt Ion: 99 Resp: 1429113
Ion Ratio Lower Upper
99 100
42 18.5 17.0 25.6
71 38.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.466 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.129 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Tgt Ion: 70 Resp: 122857
Ion Ratio Lower Upper
70 100
42 45.7 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

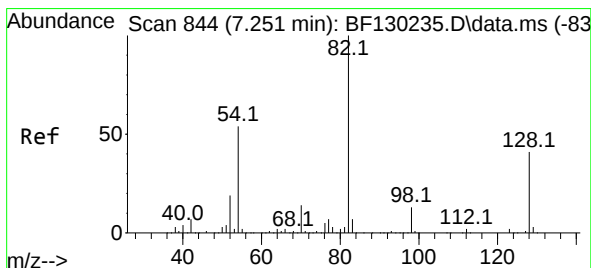
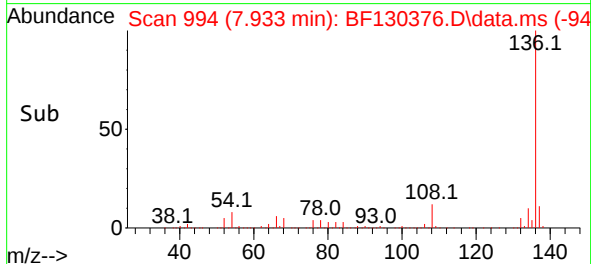
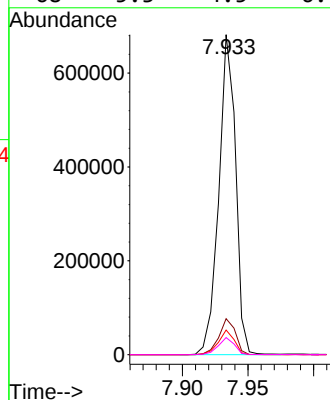
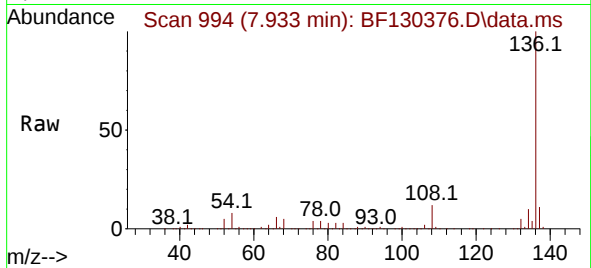




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.933 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

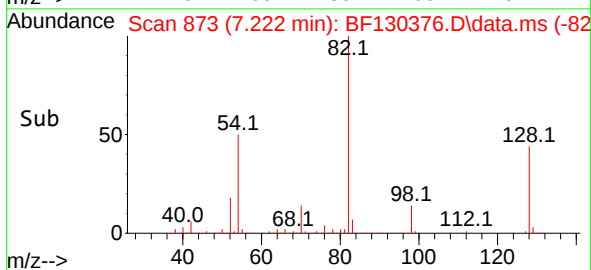
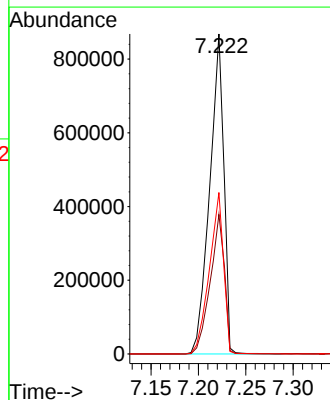
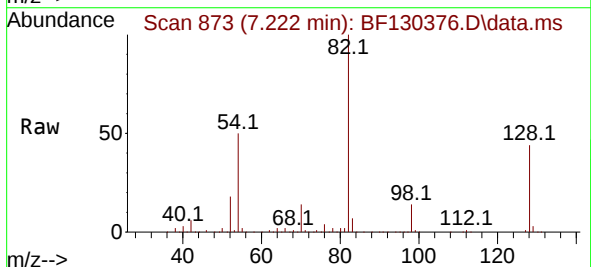
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:136	Resp: 607370
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 7.7	7.1 10.7
68 5.3	4.5 6.7



#23
Nitrobenzene-d5
Concen: 76.136 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Tgt Ion: 82	Resp: 905148
Ion Ratio	Lower Upper
82 100	
128 43.6	32.6 49.0
54 50.5	43.8 65.6

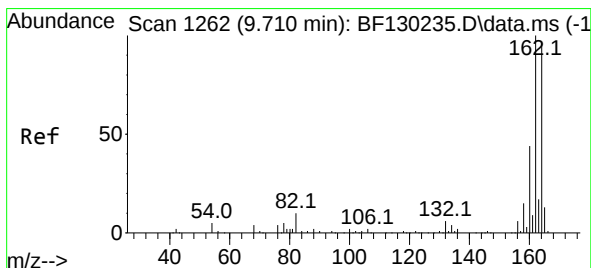
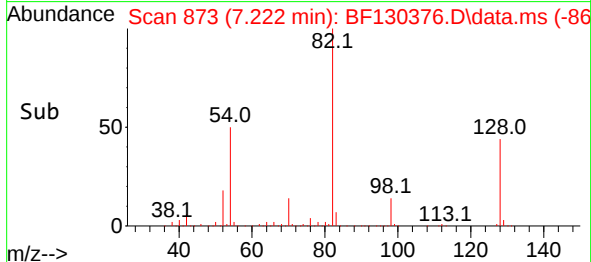
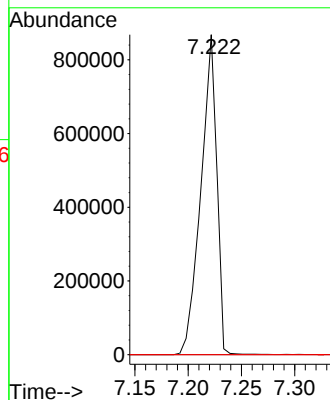
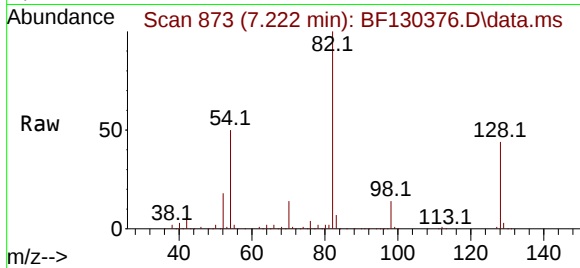




#25
Isophorone
Concen: 46.968 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

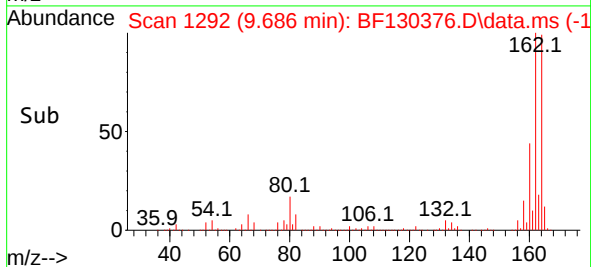
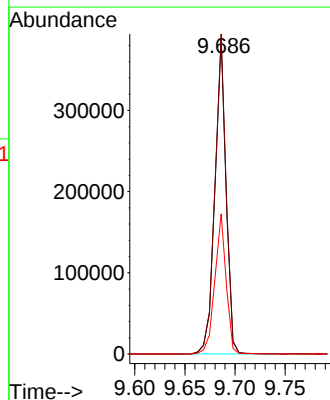
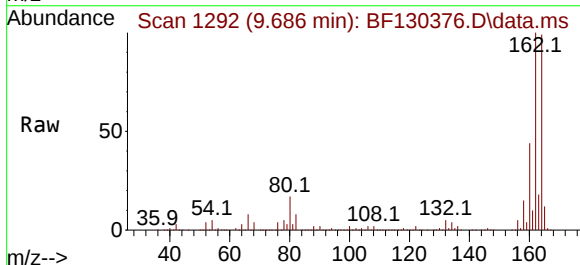
Instrument :
BNA_F
ClientSampleId :
WC-1

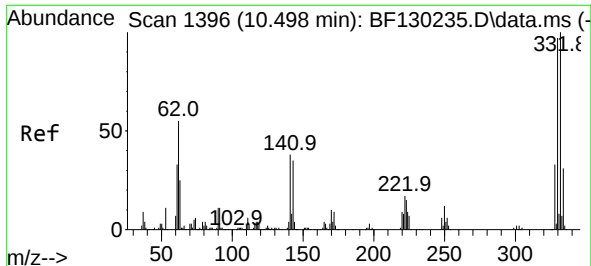
Tgt Ion: 82 Resp: 899980
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Tgt Ion:164 Resp: 299777
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 121.265 ng

RT: 10.474 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130376.D

Acq: 22 Sep 2022 15:10

Instrument :

BNA_F

ClientSampleId :

WC-1

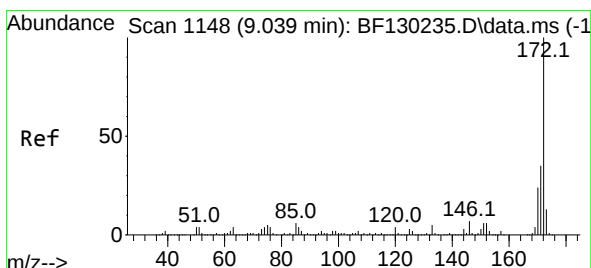
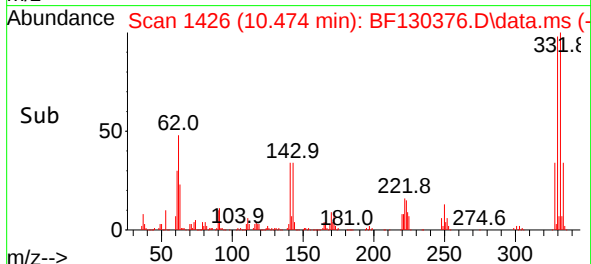
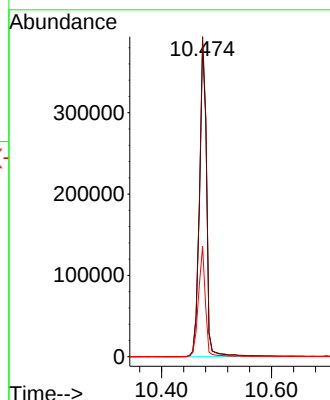
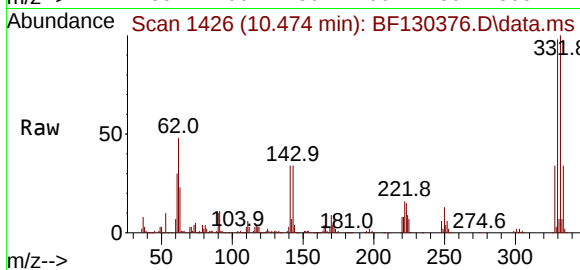
Tgt Ion:330 Resp: 348325

Ion Ratio Lower Upper

330 100

332 102.9 83.4 125.2

141 34.5 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 74.408 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130376.D

Acq: 22 Sep 2022 15:10

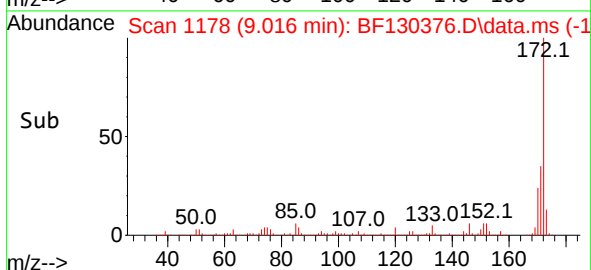
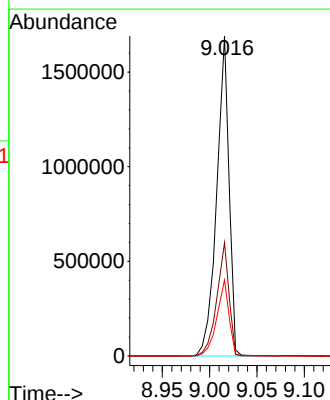
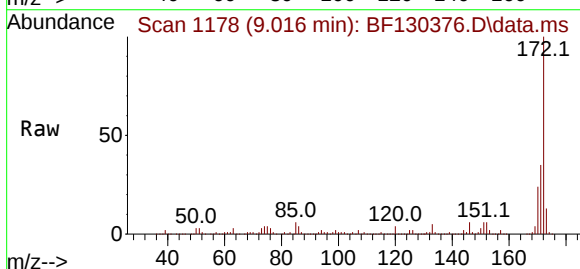
Tgt Ion:172 Resp: 1531783

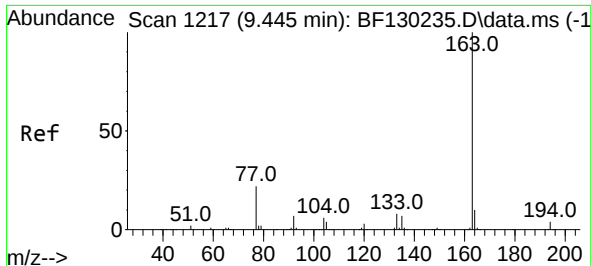
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.8 18.7 28.1

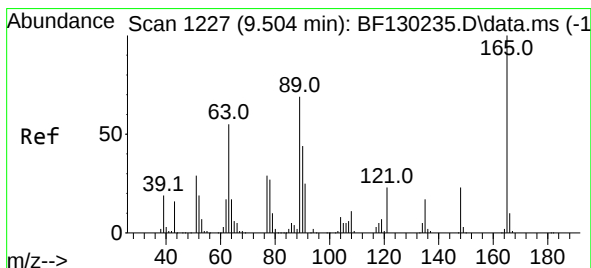
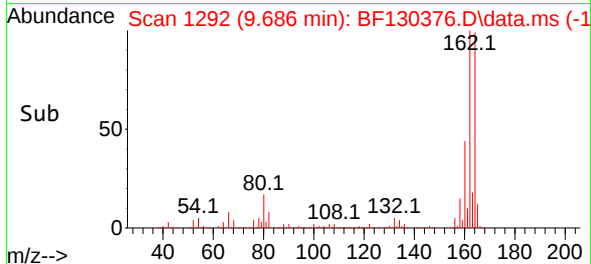
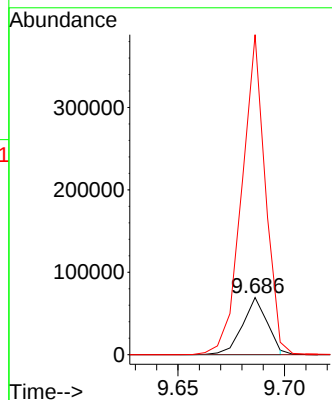
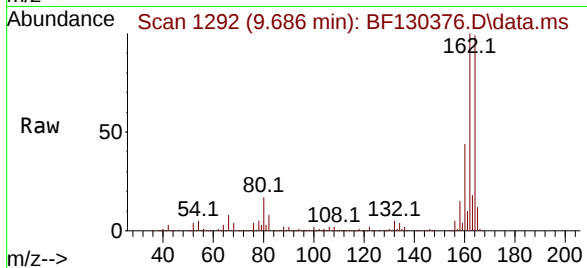




#50
Dimethylphthalate
Concen: 2.722 ng
RT: 9.686 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

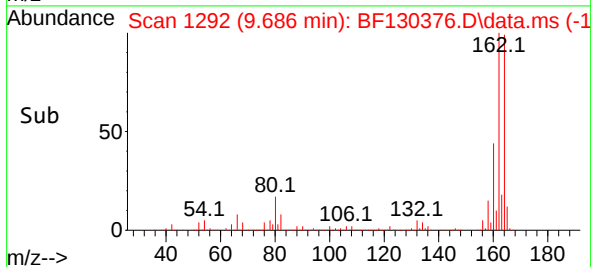
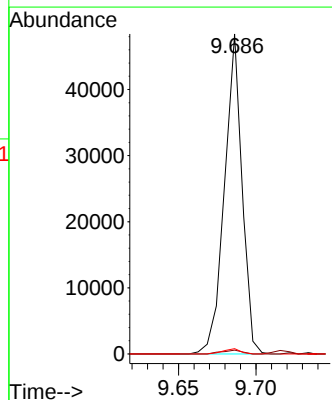
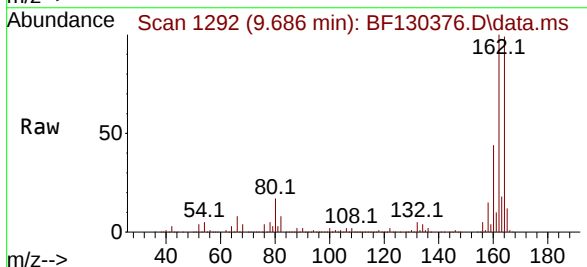
Instrument :
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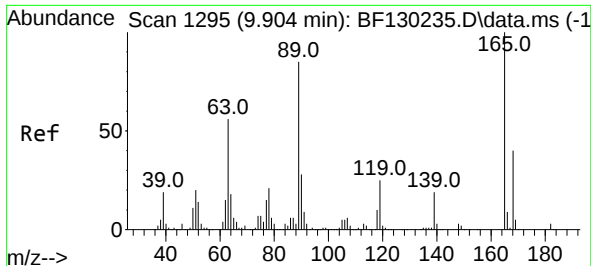
Tgt Ion:163 Resp: 56356
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 559.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.815 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Tgt Ion:165 Resp: 38177
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.6 54.5 81.7#

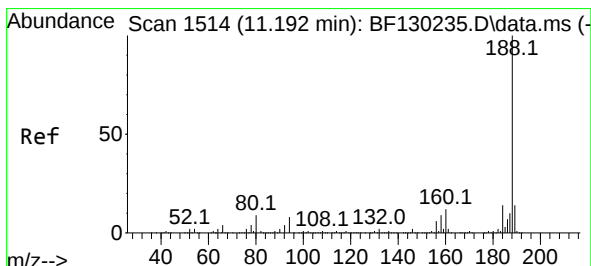
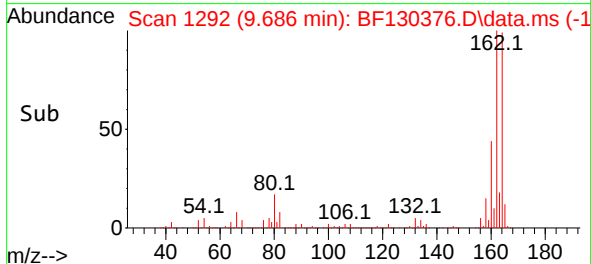
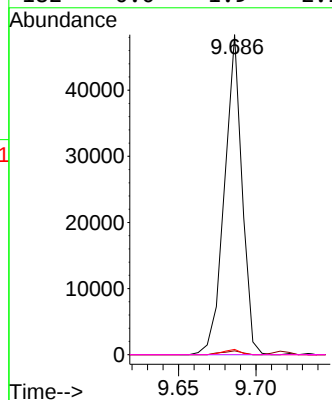
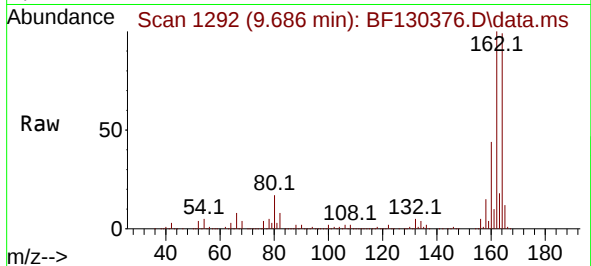




#57
2,4-Dinitrotoluene
Concen: 6.898 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

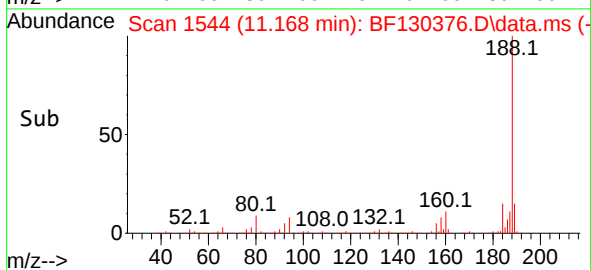
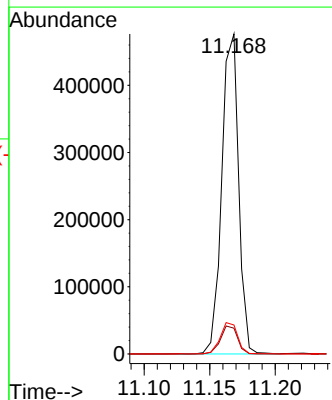
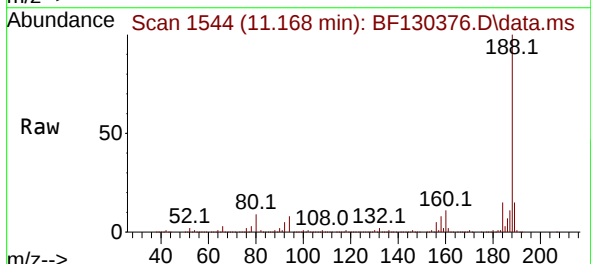
Instrument :
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ClientSampleId :
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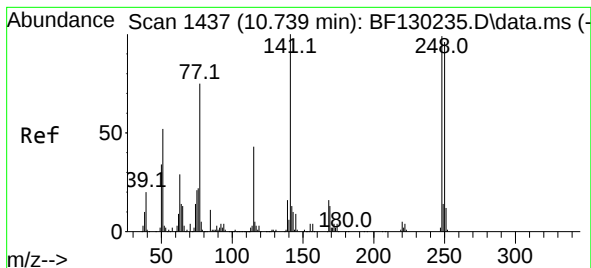
Tgt Ion:165 Resp: 38177
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.6 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.168 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Tgt Ion:188 Resp: 424415
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 9.1 7.9 11.9

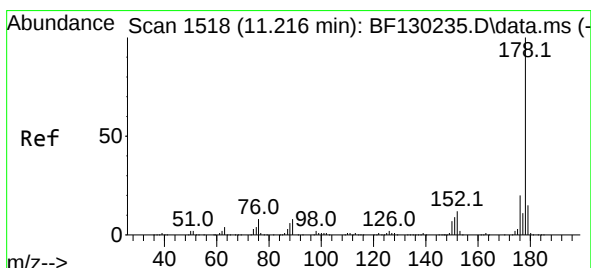
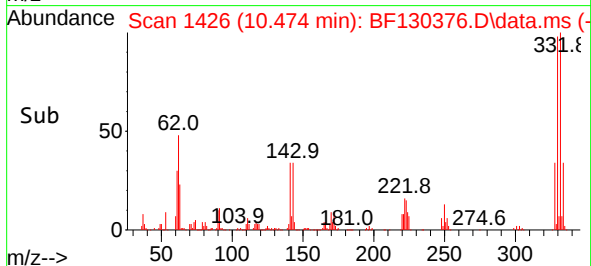
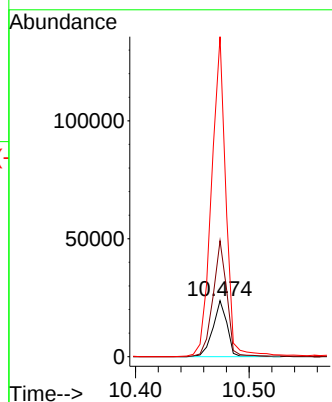
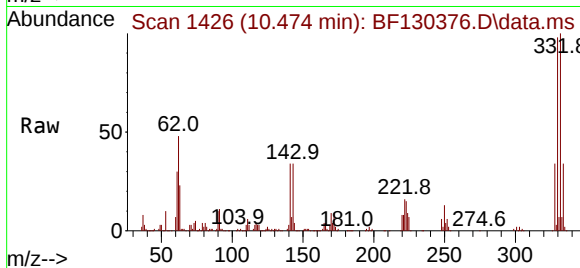




#67
4-Bromophenyl-phenylether
Concen: 4.423 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

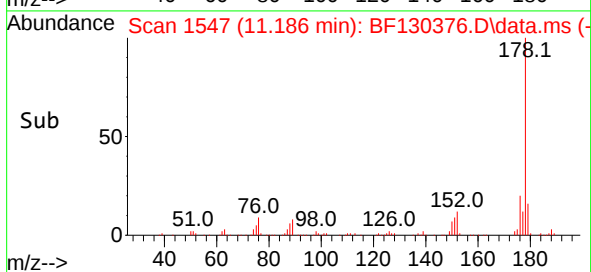
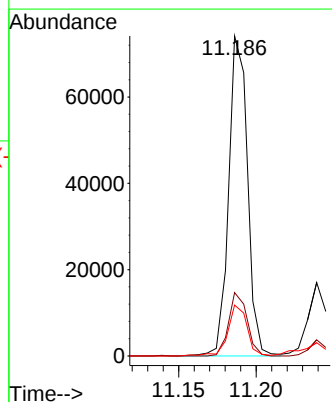
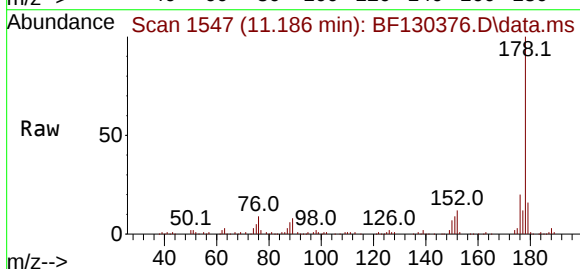
Instrument :
BNA_F
ClientSampleId :
WC-1

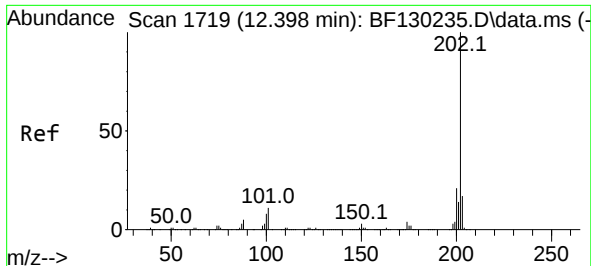
Tgt Ion:248 Resp: 20707
Ion Ratio Lower Upper
248 100
250 207.0 80.0 120.0#
141 570.9 68.5 102.7#



#71
Phenanthrene
Concen: 2.630 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.012 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Tgt Ion:178 Resp: 62676
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 15.9 12.4 18.6

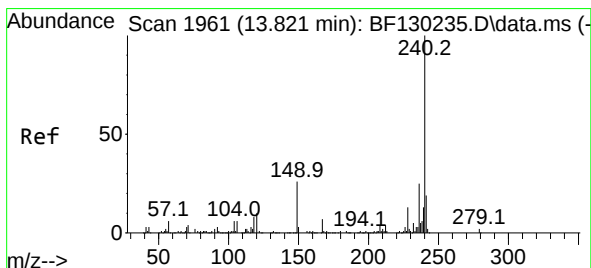
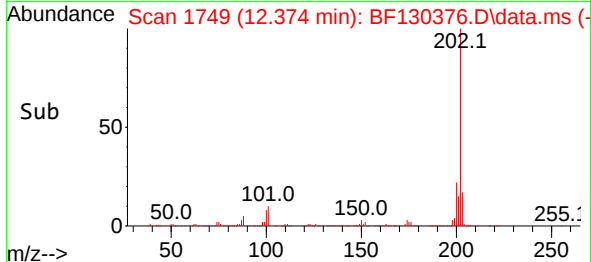
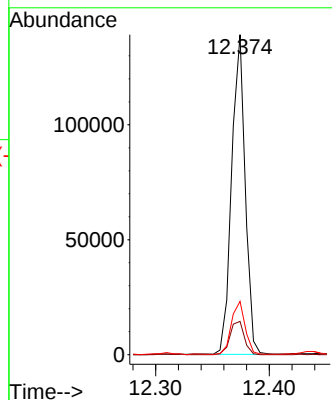
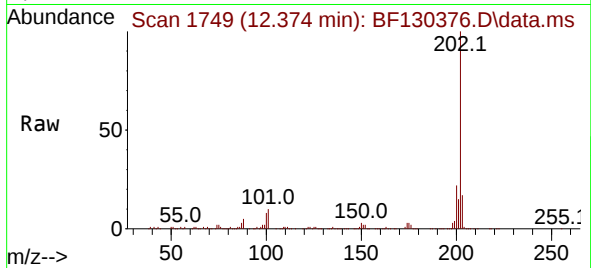




#75
Fluoranthene
Concen: 5.003 ng
RT: 12.374 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

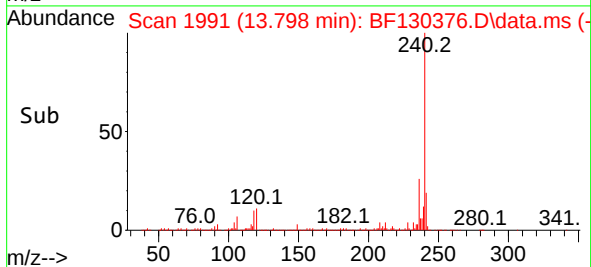
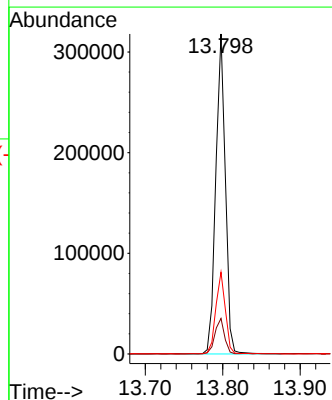
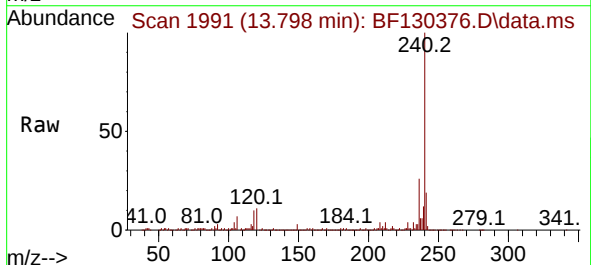
Instrument :
BNA_F
ClientSampleId :
WC-1

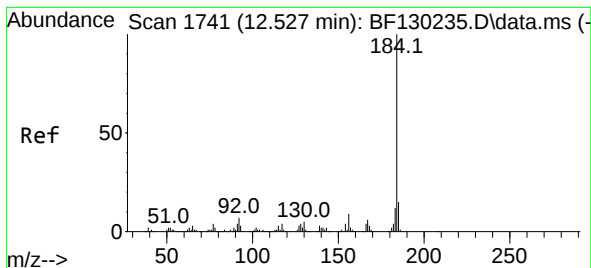
Tgt Ion:202 Resp: 115203
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.8
203 16.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Tgt Ion:240 Resp: 273789
Ion Ratio Lower Upper
240 100
120 11.1 8.7 13.1
236 25.5 20.9 31.3





#77

Benzidine

Concen: 2.096 ng

RT: 12.757 min Scan# 1741

Delta R.T. 0.247 min

Lab File: BF130376.D

Acq: 22 Sep 2022 15:10

Instrument :

BNA_F

ClientSampleId :

WC-1

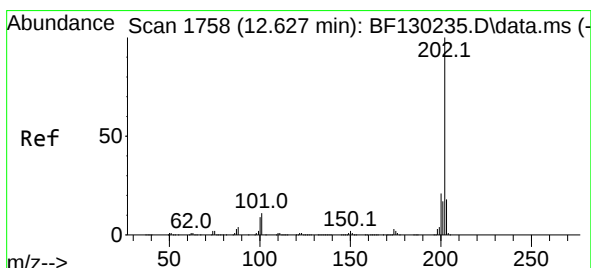
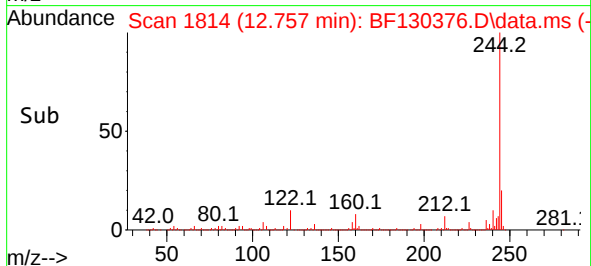
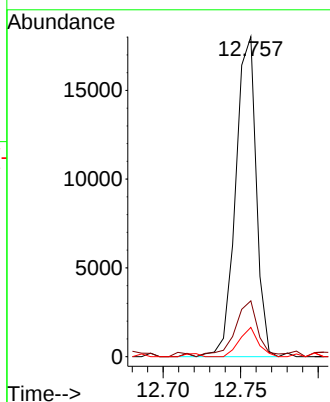
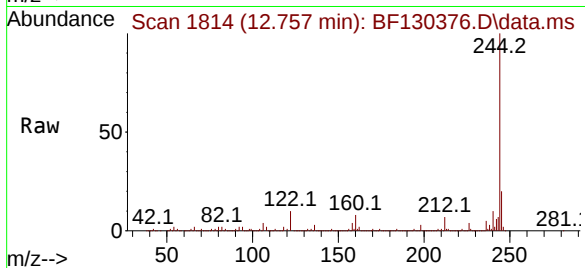
Tgt Ion:184 Resp: 16658

Ion Ratio Lower Upper

184 100

185 17.4 11.8 17.6

183 9.2 9.1 13.7



#78

Pyrene

Concen: 4.332 ng

RT: 12.598 min Scan# 1787

Delta R.T. -0.012 min

Lab File: BF130376.D

Acq: 22 Sep 2022 15:10

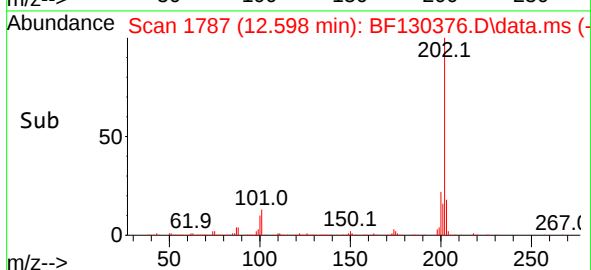
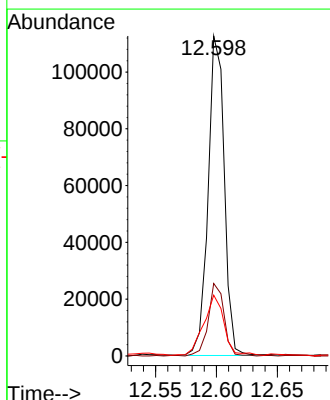
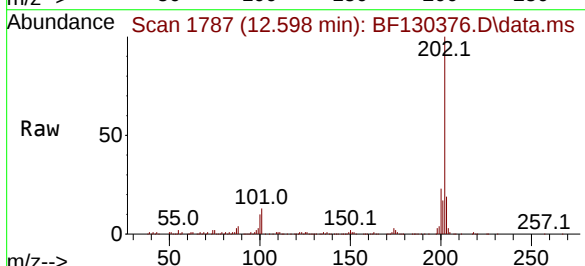
Tgt Ion:202 Resp: 103768

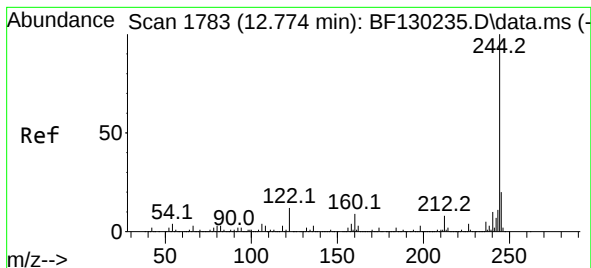
Ion Ratio Lower Upper

202 100

200 22.6 17.2 25.8

203 19.0 14.3 21.5





#79

Terphenyl-d14

Concen: 66.251 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BF130376.D

Acq: 22 Sep 2022 15:10

Instrument :

BNA_F

ClientSampleId :

WC-1

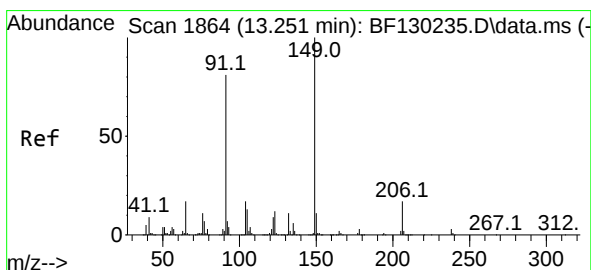
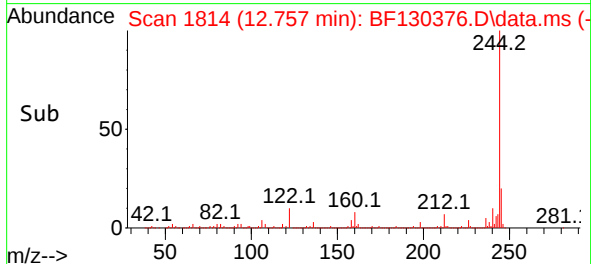
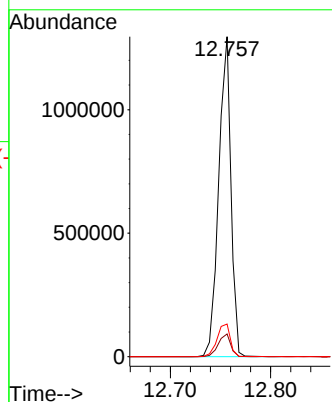
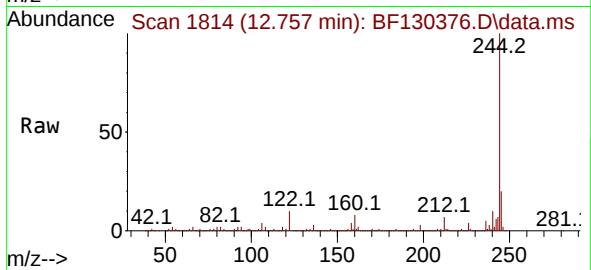
Tgt Ion:244 Resp: 1095010

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.2 8.5 12.7



#80

Butylbenzylphthalate

Concen: 5.536 ng

RT: 13.233 min Scan# 1895

Delta R.T. -0.000 min

Lab File: BF130376.D

Acq: 22 Sep 2022 15:10

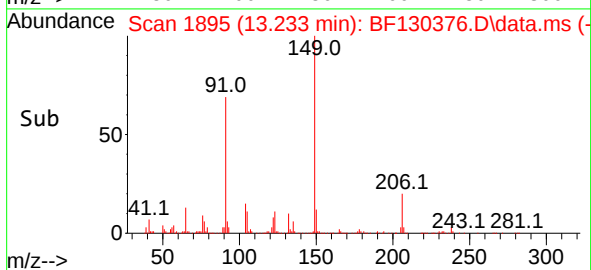
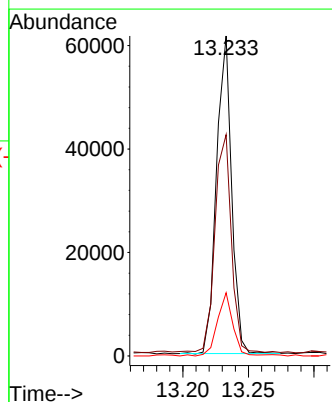
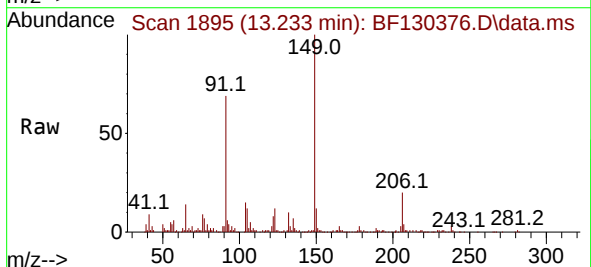
Tgt Ion:149 Resp: 49123

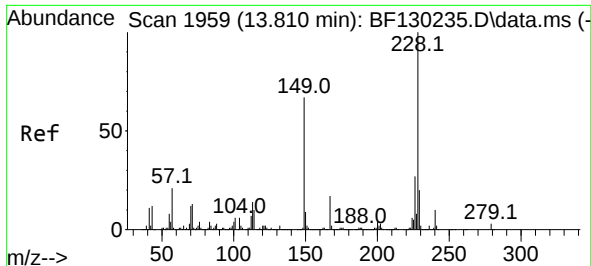
Ion Ratio Lower Upper

149 100

91 69.1 59.8 89.8

206 19.8 13.9 20.9

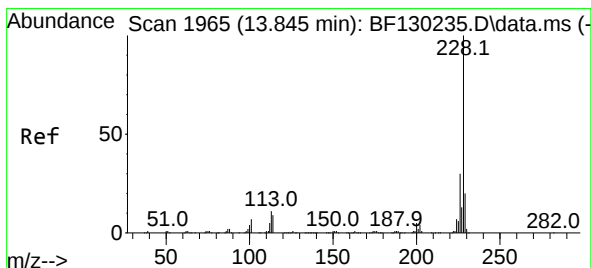
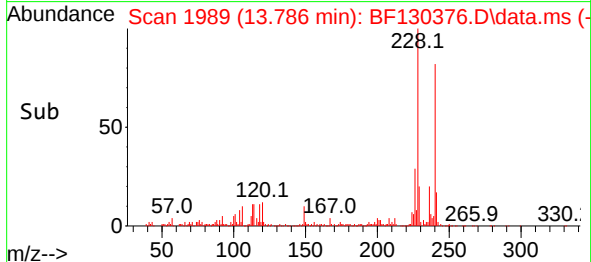
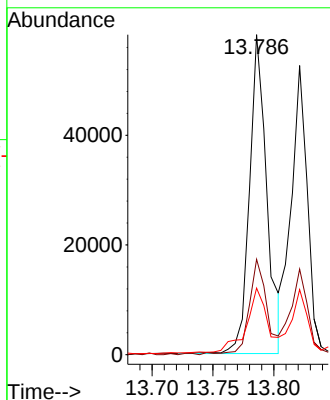
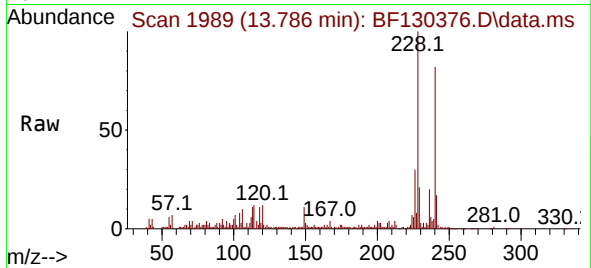




#81
Benzo(a)anthracene
Concen: 3.173 ng
RT: 13.786 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

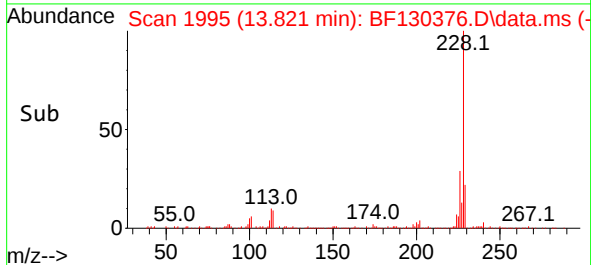
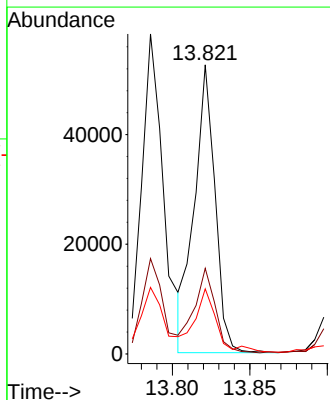
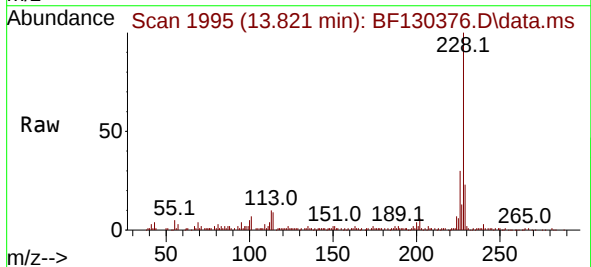
Instrument :
BNA_F
ClientSampleId :
WC-1

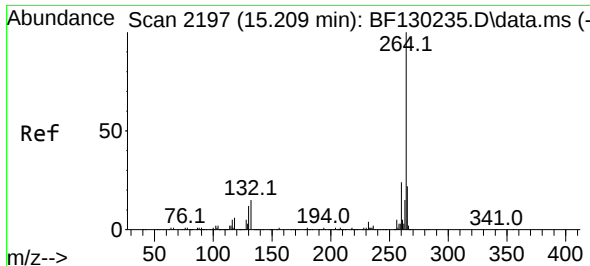
Tgt Ion:228 Resp: 57800
Ion Ratio Lower Upper
228 100
226 29.8 21.9 32.9
229 20.8 16.1 24.1



#83
Chrysene
Concen: 2.819 ng
RT: 13.821 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Tgt Ion:228 Resp: 48752
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 22.5 15.3 22.9

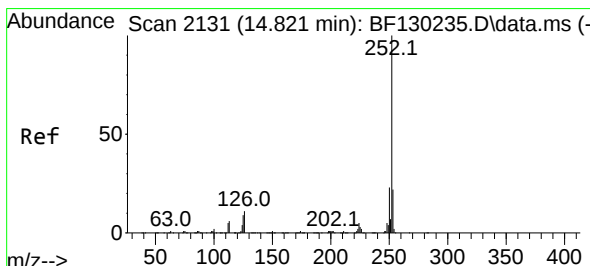
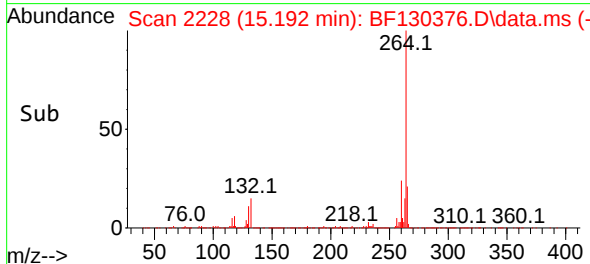
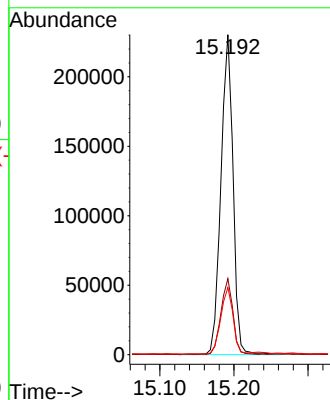
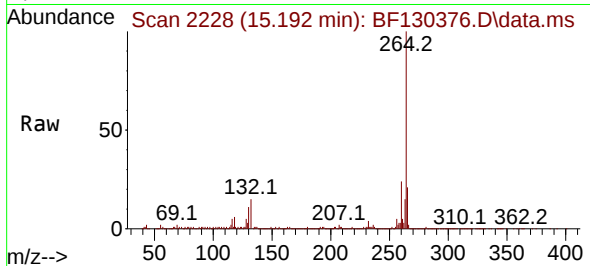




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

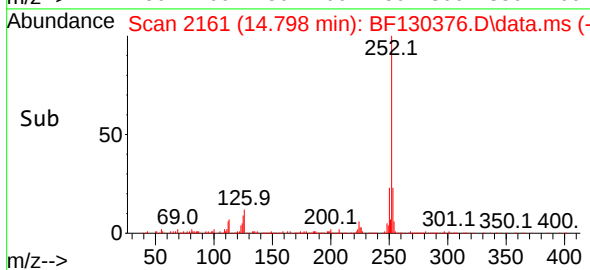
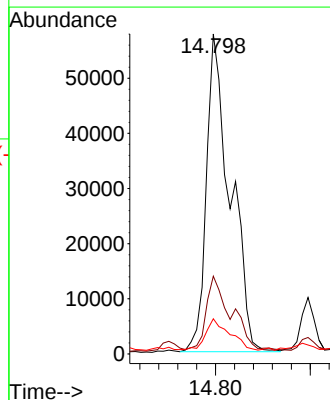
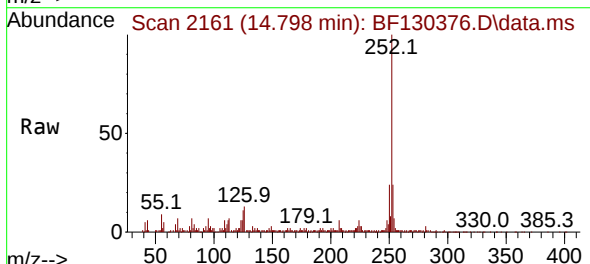
Instrument :
BNA_F
ClientSampleId :
WC-1

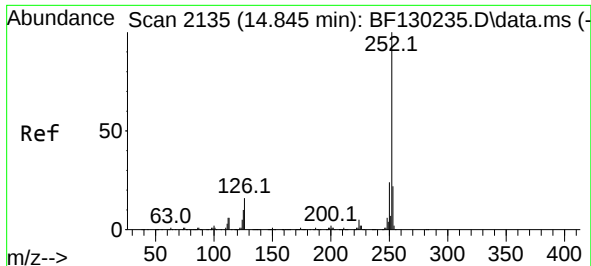
Tgt Ion:264 Resp: 262182
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 21.0 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 5.890 ng
RT: 14.798 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Tgt Ion:252 Resp: 100797
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 11.0 8.1 12.1

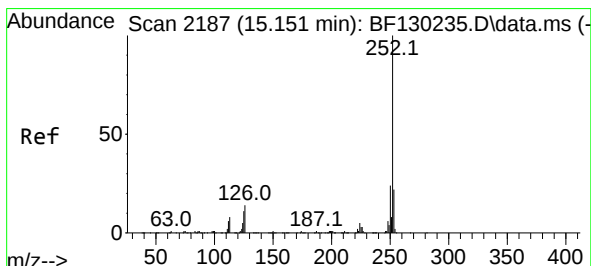
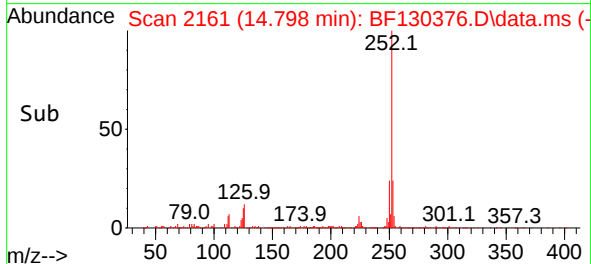
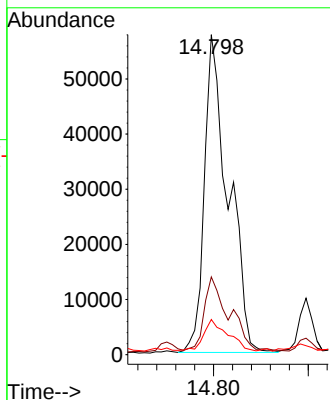
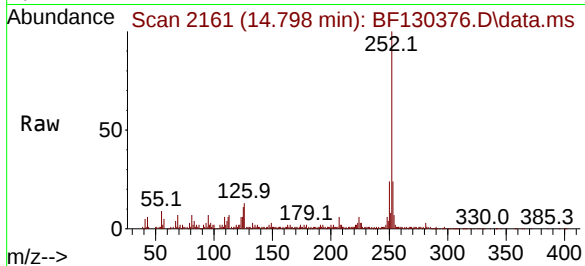




#89
Benzo(k)fluoranthene
Concen: 5.988 ng
RT: 14.798 min Scan# 2135
Delta R.T. -0.030 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

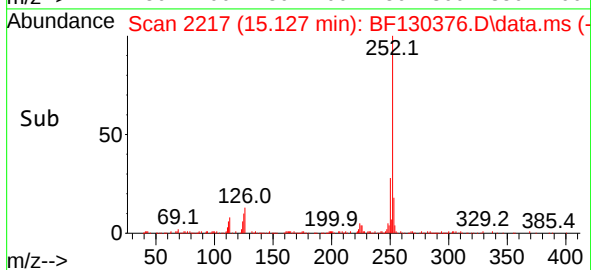
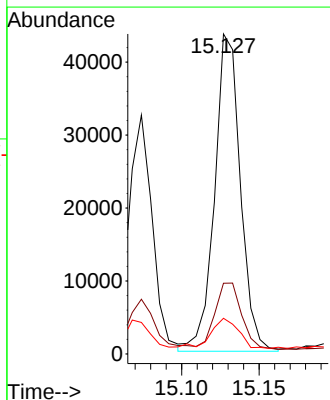
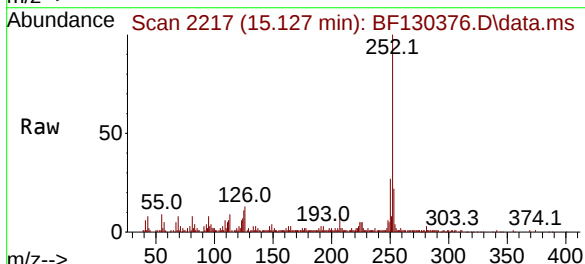
Instrument :
BNA_F
ClientSampleId :
WC-1

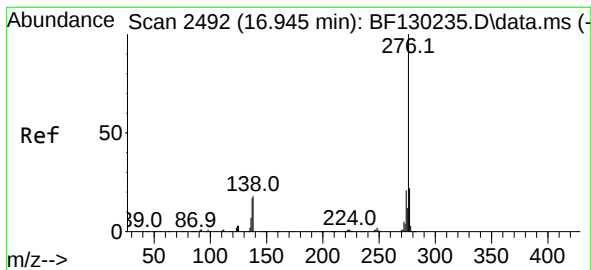
Tgt Ion:252 Resp: 100797
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.2
125 11.0 7.9 11.9



#90
Benzo(a)pyrene
Concen: 3.715 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Tgt Ion:252 Resp: 50370
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.2 9.0 13.6





#92

Benzo(g,h,i)perylene

Concen: 2.036 ng

RT: 16.903 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130376.D

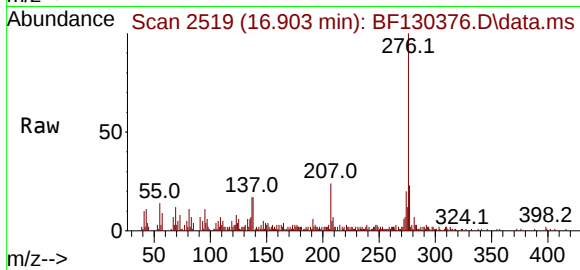
Acq: 22 Sep 2022 15:10

Instrument :

BNA_F

ClientSampleId :

WC-1



Tgt Ion: 276 Resp: 31280

Ion Ratio Lower Upper

276 100

277 22.5 18.6 27.8

138 16.6 14.6 21.8

