

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130151.D
 Acq On : 06 Sep 2022 22:30
 Operator : CG\JU
 Sample : N4500-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Quant Time: Sep 07 02:19:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

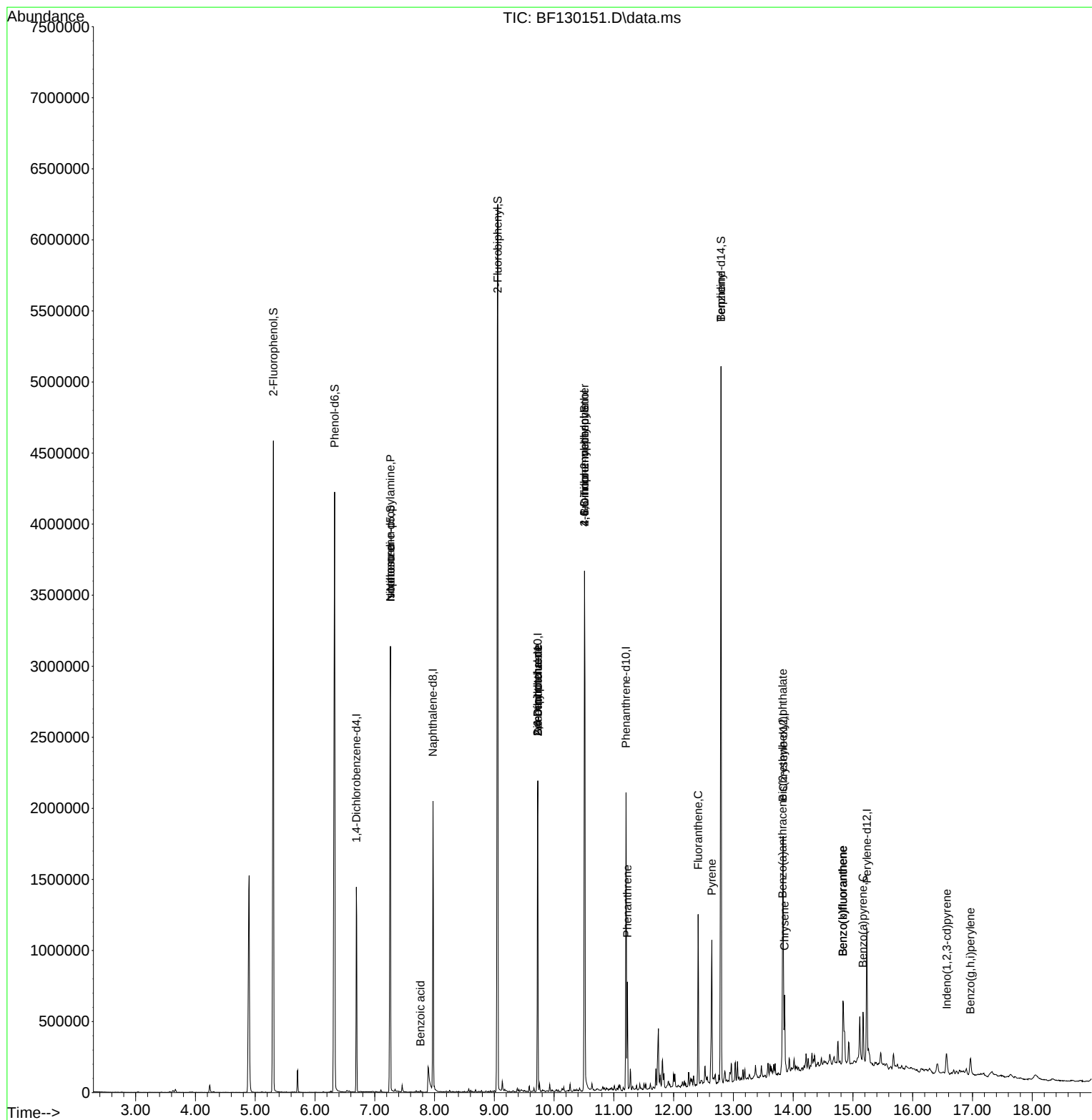
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	211546	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	855889	20.000	ng	# 0.00
39) Acenaphthene-d10	9.727	164	446788	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	685000	20.000	ng	0.00
76) Chrysene-d12	13.833	240	388949	20.000	ng	-0.01
86) Perylene-d12	15.233	264	393916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1459627	117.135	ng	0.00
7) Phenol-d6	6.328	99	1867590	120.215	ng	0.00
23) Nitrobenzene-d5	7.263	82	1074246	80.662	ng	0.00
42) 2,4,6-Tribromophenol	10.510	330	474136	116.581	ng	-0.01
45) 2-Fluorobiphenyl	9.057	172	2023454	75.087	ng	0.00
79) Terphenyl-d14	12.792	244	1652846	73.692	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.263	70	140568	15.019	ng	# 72
25) Isophorone	7.263	82	1070097	39.699	ng	# 65
32) Benzoic acid	7.763	122	57	6.578	ng	# 1
50) Dimethylphthalate	9.727	163	82880	2.723	ng	# 1
51) 2,6-Dinitrotoluene	9.727	165	57550	9.700	ng	# 22
57) 2,4-Dinitrotoluene	9.727	165	57550	8.425	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.510	198	1162	6.395	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	28767	3.776	ng	# 1
71) Phenanthrene	11.227	178	240913	6.485	ng	99
75) Fluoranthene	12.410	202	430067	11.675	ng	97
77) Benzidine	12.792	184	23204	2.210	ng	# 93
78) Pyrene	12.639	202	385120	11.039	ng	99
81) Benzo(a)anthracene	13.821	228	182790	6.858	ng	97
83) Chrysene	13.857	228	179715	6.839	ng	97
84) Bis(2-ethylhexyl)phtha...	13.827	149	89071	5.164	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.568	276	93069	3.582	ng	98
88) Benzo(b)fluoranthene	14.833	252	322176	12.265	ng	# 97
89) Benzo(k)fluoranthene	14.833	252	322176	12.681	ng	# 97
90) Benzo(a)pyrene	15.168	252	158544	7.595	ng	# 95
92) Benzo(g,h,i)perylene	16.968	276	87599	4.118	ng	# 93

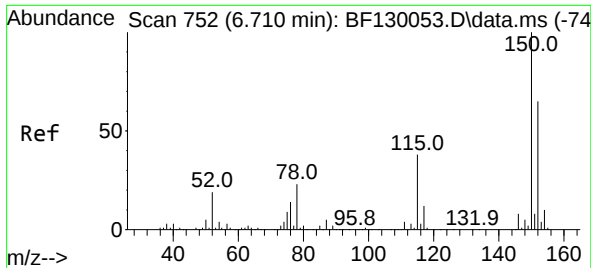
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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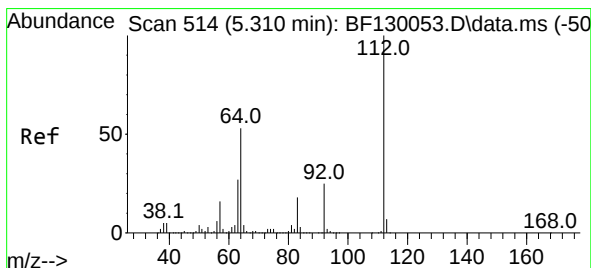
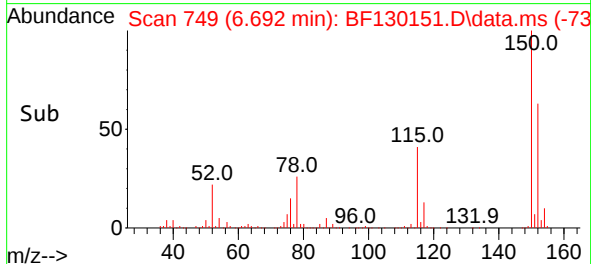
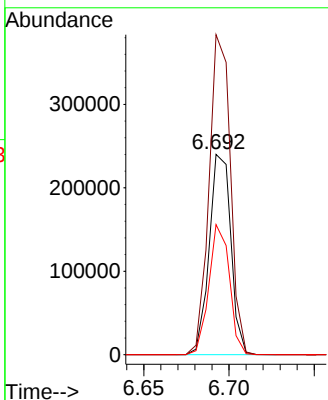
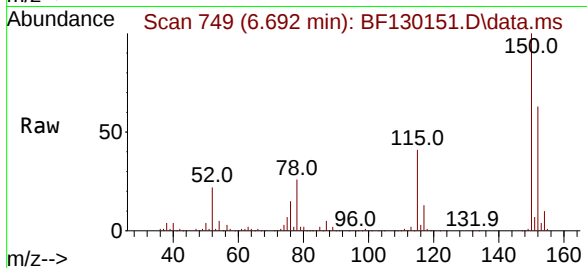




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.692 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

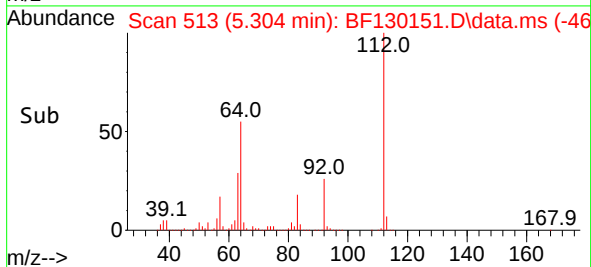
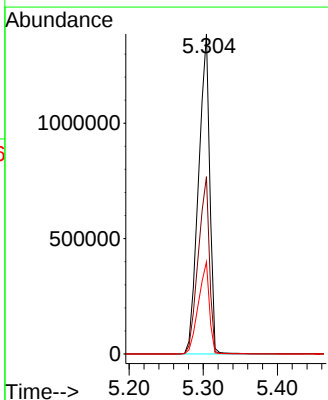
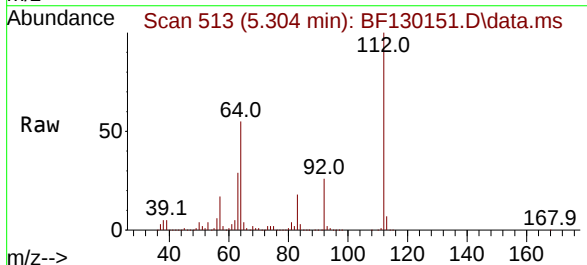
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion:152 Resp: 211546
Ion Ratio Lower Upper
152 100
150 159.7 126.9 190.3
115 65.0 53.4 80.0



#5
2-Fluorophenol
Concen: 117.135 ng
RT: 5.304 min Scan# 513
Delta R.T. 0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion:112 Resp: 1459627
Ion Ratio Lower Upper
112 100
64 55.4 47.6 71.4
63 28.8 24.6 37.0

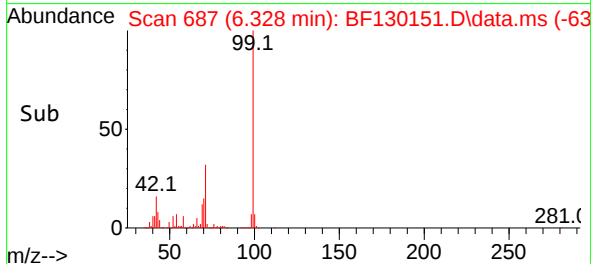
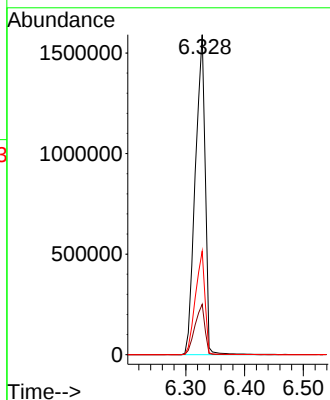
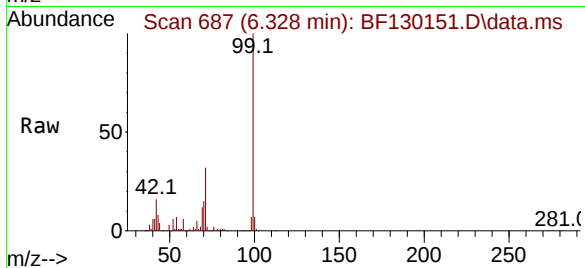




#7
Phenol-d6
Concen: 120.215 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

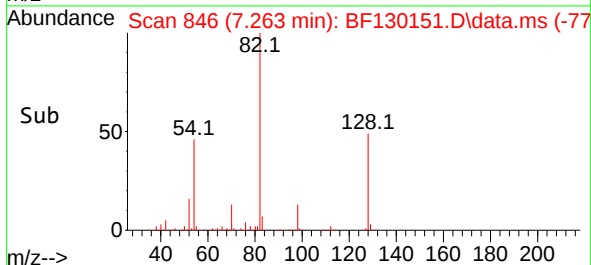
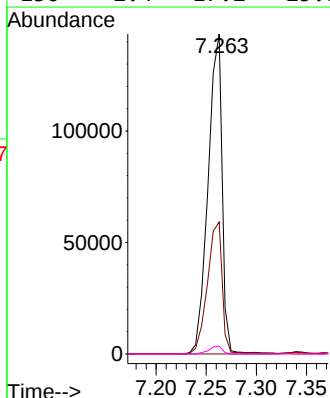
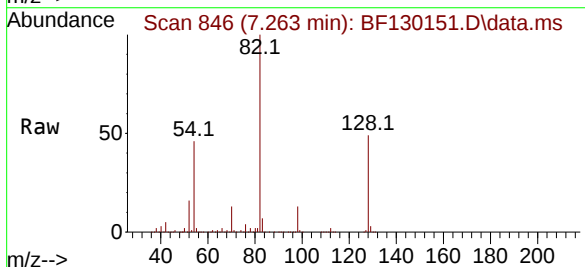
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ClientSampleId :
SB-14-COMP

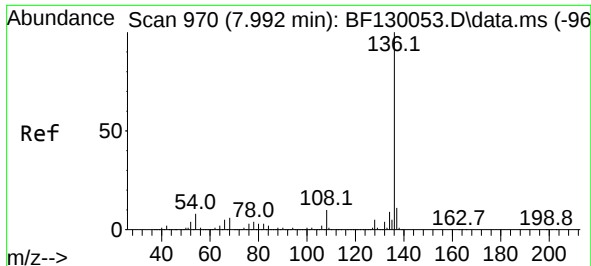
Tgt Ion: 99 Resp: 1867590
Ion Ratio Lower Upper
99 100
42 15.7 15.0 22.4
71 32.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.019 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion: 70 Resp: 140568
Ion Ratio Lower Upper
70 100
42 41.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

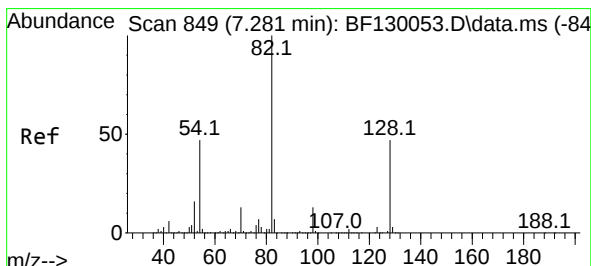
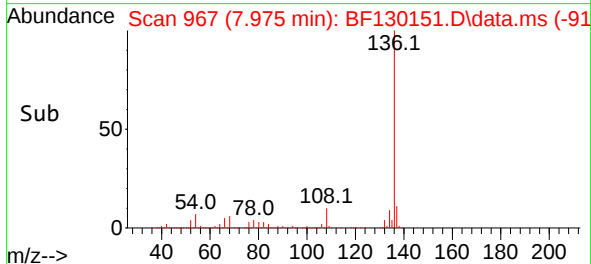
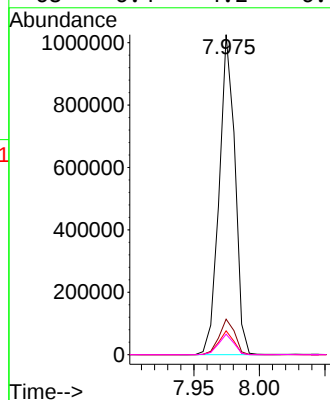
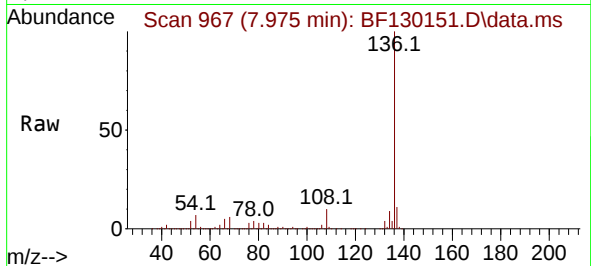




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

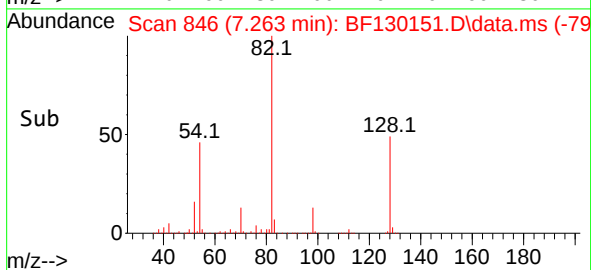
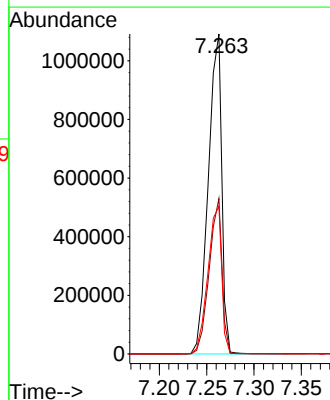
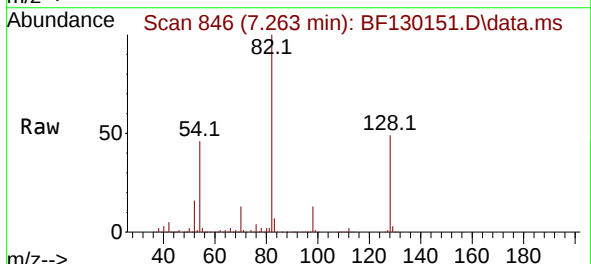
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion:136 Resp: 855889
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.4 6.2 9.2
68 6.4 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 80.662 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion: 82 Resp: 1074246
Ion Ratio Lower Upper
82 100
128 48.5 36.1 54.1
54 46.2 40.0 60.0

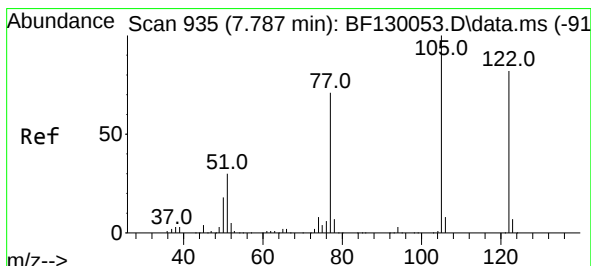
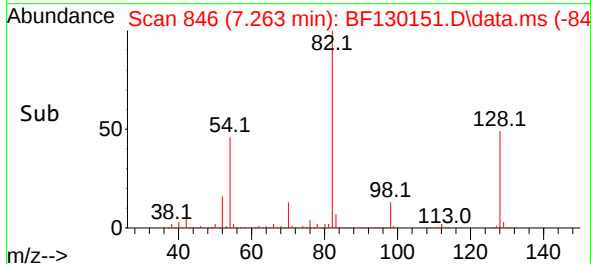
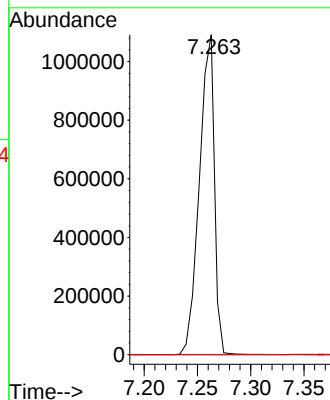
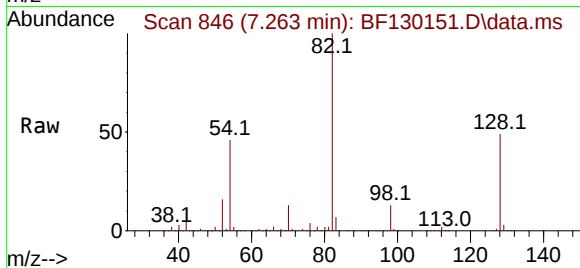




#25
Isophorone
Concen: 39.699 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

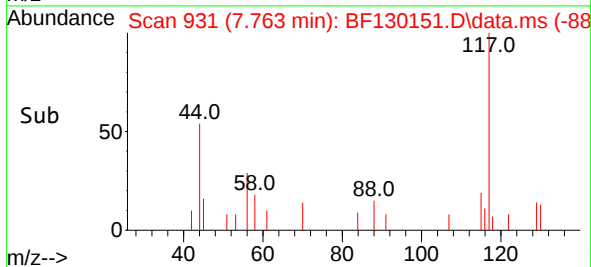
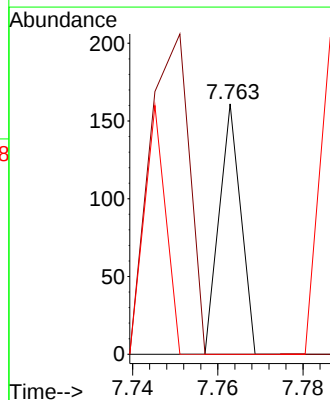
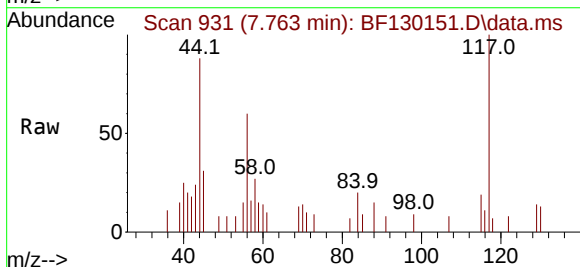
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

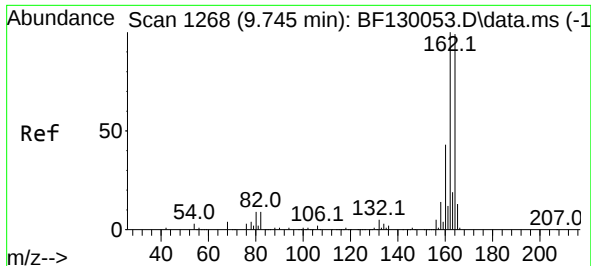
Tgt Ion: 82 Resp: 1070097
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.578 ng
RT: 7.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 0.0 65.9 105.9#

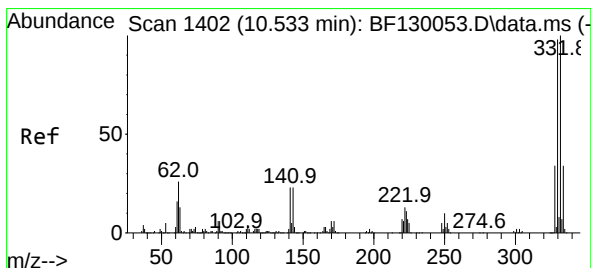
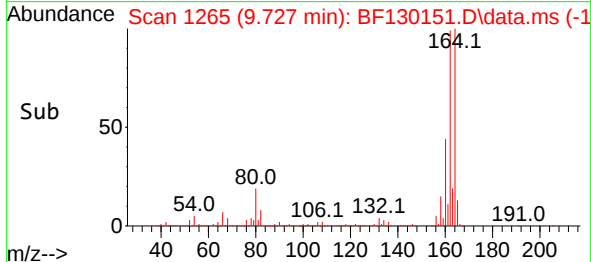
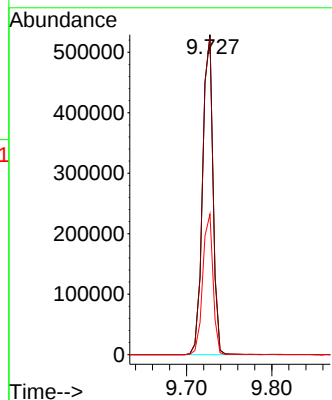
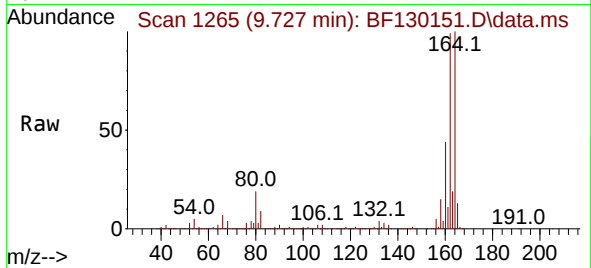




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.727 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

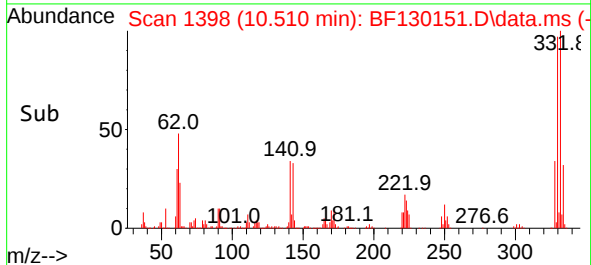
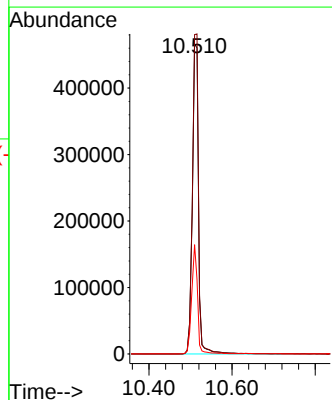
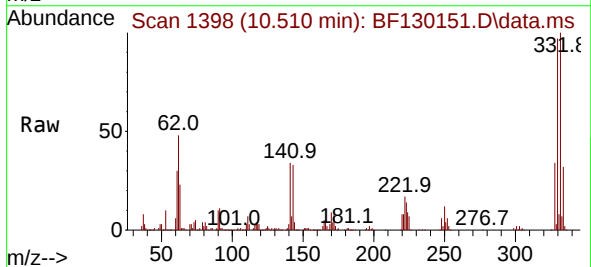
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ClientSampleId :
SB-14-COMP

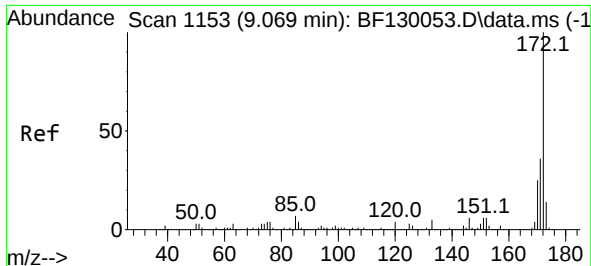
Tgt Ion:164 Resp: 446788
Ion Ratio Lower Upper
164 100
162 99.3 82.0 123.0
160 43.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 116.581 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion:330 Resp: 474136
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 33.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 75.087 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130151.D

Acq: 06 Sep 2022 22:30

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

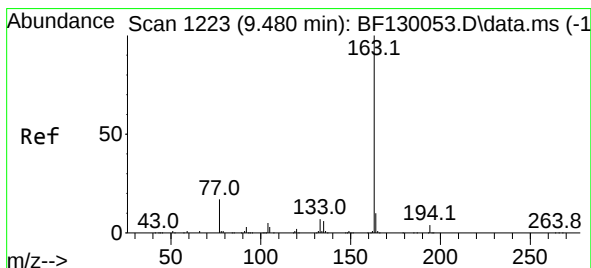
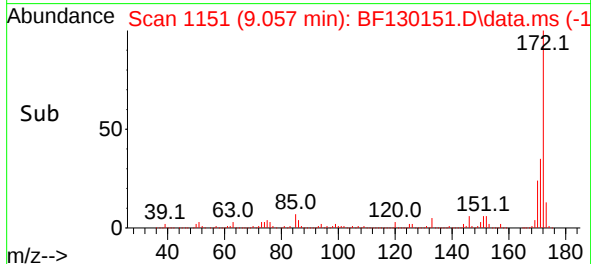
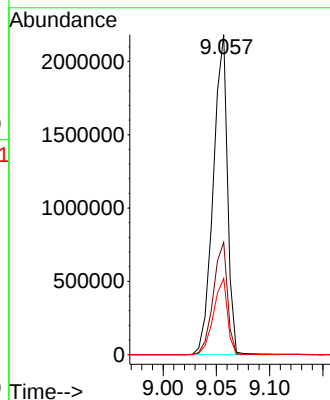
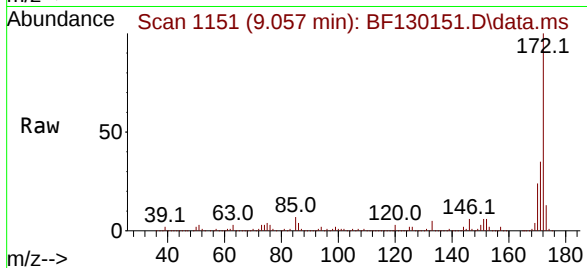
Tgt Ion:172 Resp: 2023454

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.9 19.1 28.7



#50

Dimethylphthalate

Concen: 2.723 ng

RT: 9.727 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130151.D

Acq: 06 Sep 2022 22:30

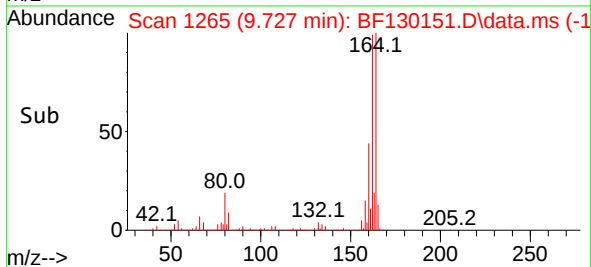
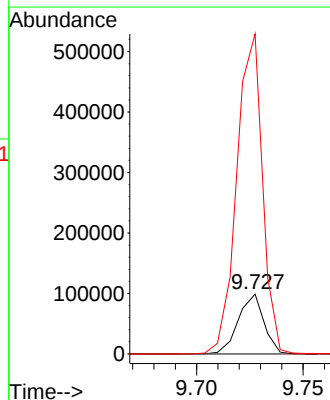
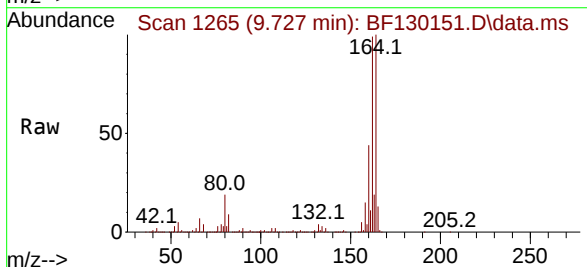
Tgt Ion:163 Resp: 82880

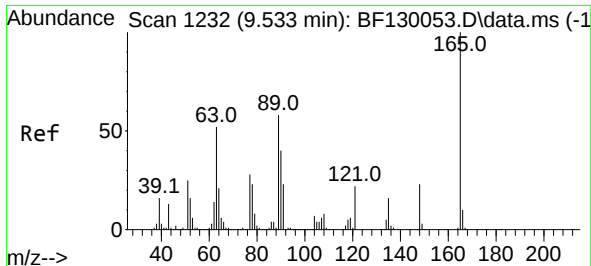
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 535.0 8.2 12.2#

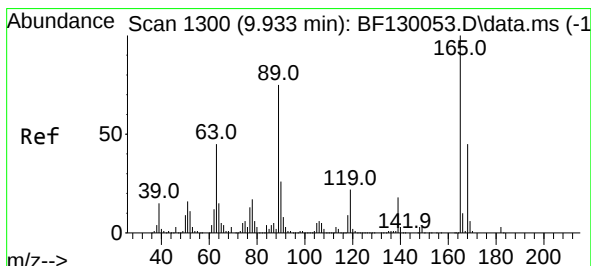
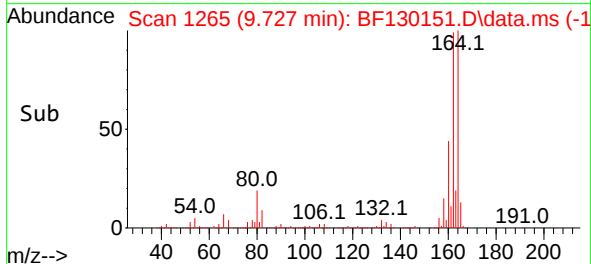
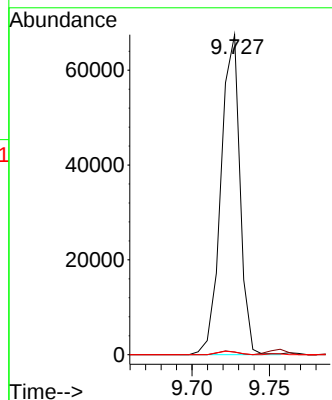
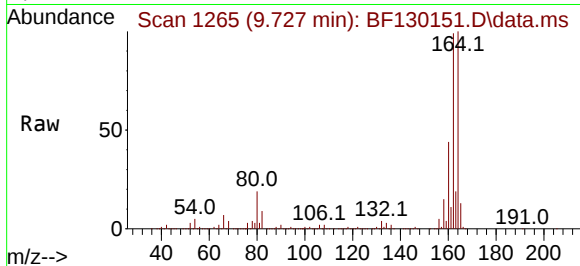




#51
2,6-Dinitrotoluene
Concen: 9.700 ng
RT: 9.727 min Scan# 1265
Delta R.T. 0.200 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

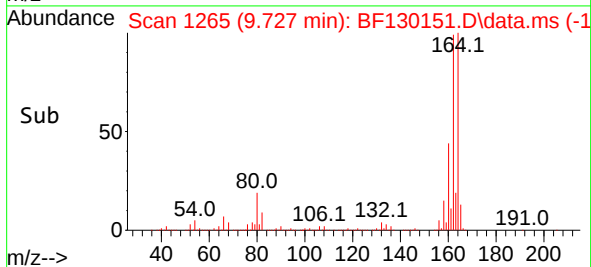
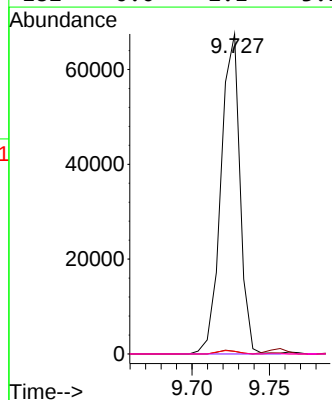
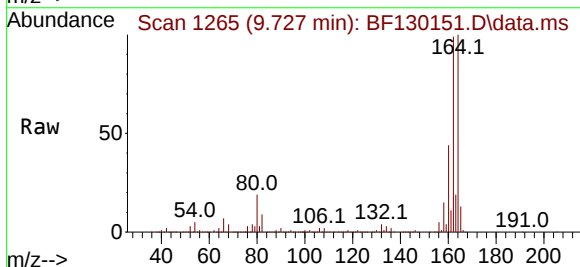
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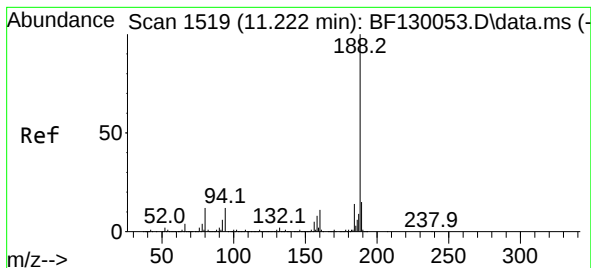
Tgt Ion:165 Resp: 57550
Ion Ratio Lower Upper
165 100
63 0.8 47.8 71.8#
89 0.8 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.425 ng
RT: 9.727 min Scan# 1265
Delta R.T. -0.194 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion:165 Resp: 57550
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 0.8 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130151.D

Acq: 06 Sep 2022 22:30

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

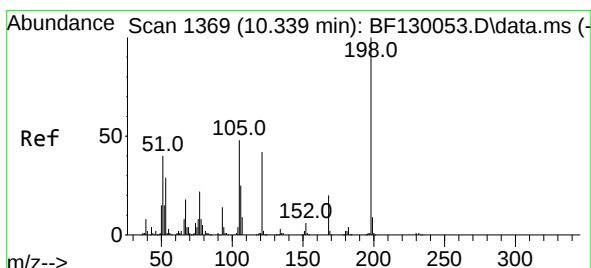
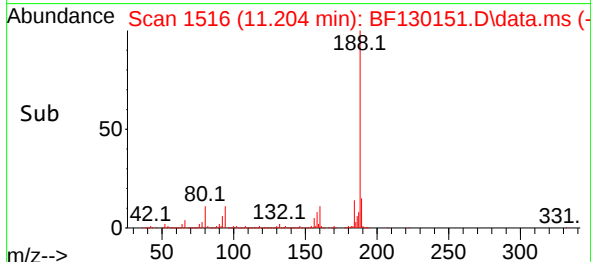
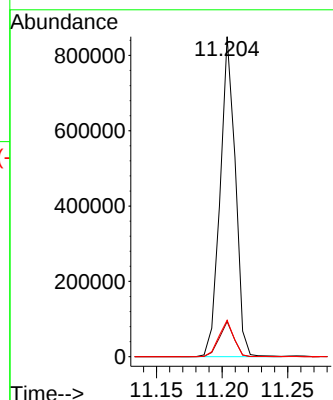
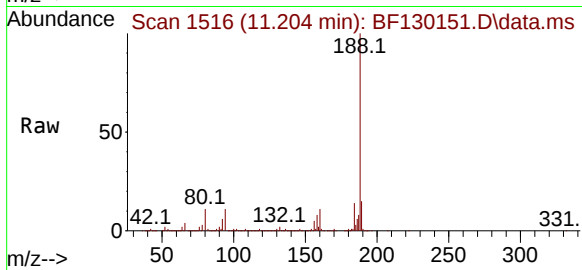
Tgt Ion:188 Resp: 685000

Ion Ratio Lower Upper

188 100

94 11.0 7.4 11.2

80 11.4 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.395 ng

RT: 10.510 min Scan# 1398

Delta R.T. 0.182 min

Lab File: BF130151.D

Acq: 06 Sep 2022 22:30

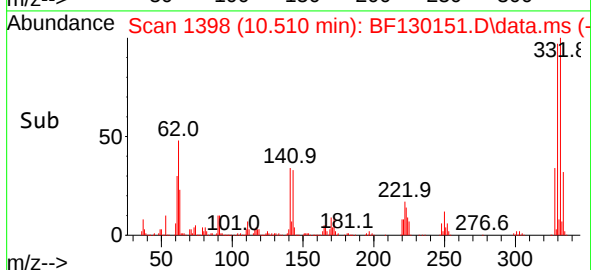
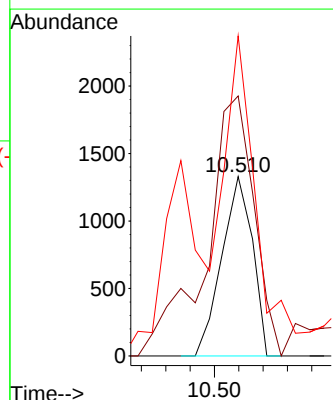
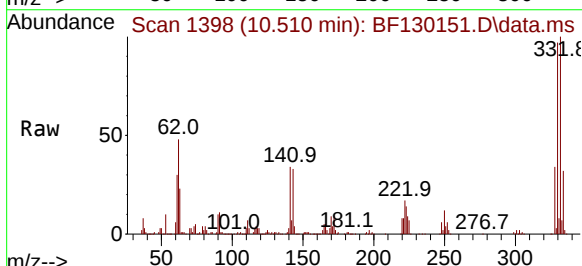
Tgt Ion:198 Resp: 1162

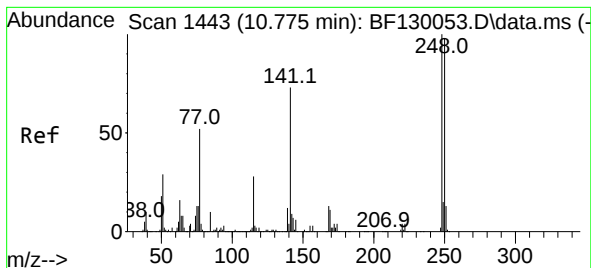
Ion Ratio Lower Upper

198 100

51 144.9 29.4 69.4#

105 178.4 29.2 69.2#

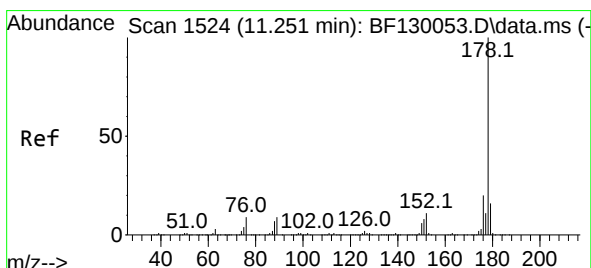
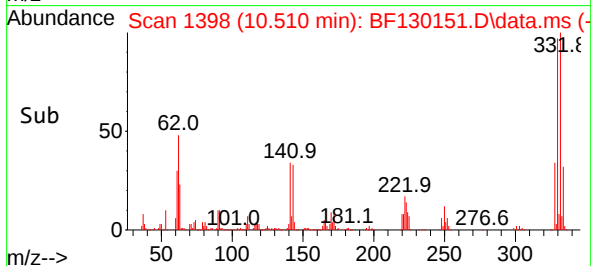
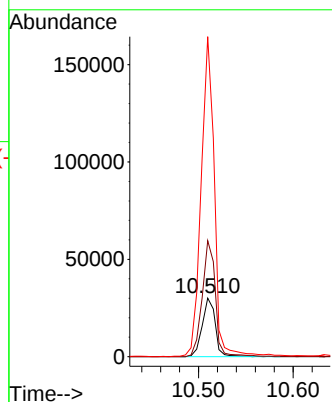
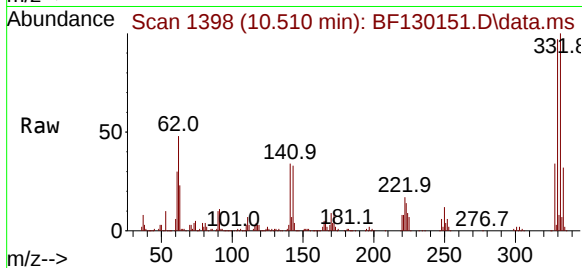




#67
4-Bromophenyl-phenylether
Concen: 3.776 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

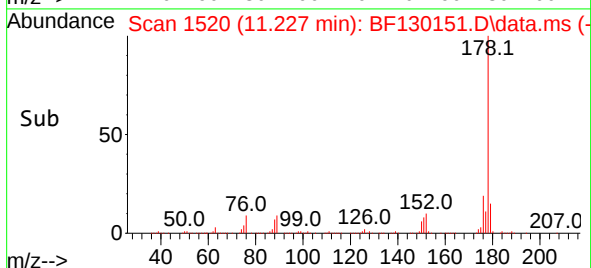
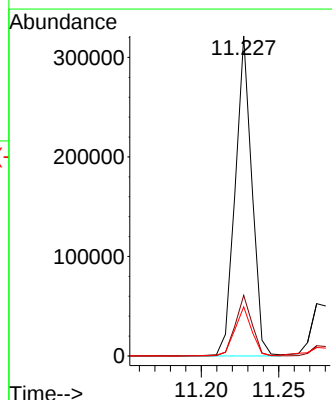
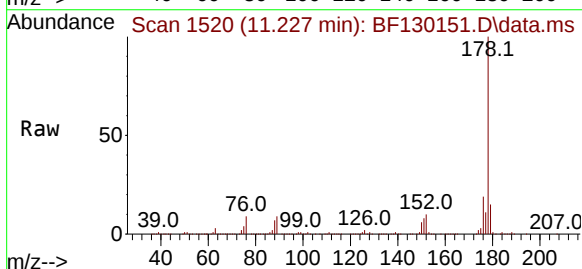
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

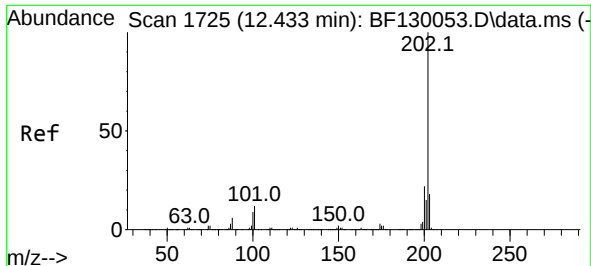
Tgt Ion:248 Resp: 28767
Ion Ratio Lower Upper
248 100
250 198.3 77.8 116.6#
141 547.0 66.2 99.2#



#71
Phenanthrene
Concen: 6.485 ng
RT: 11.227 min Scan# 1520
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion:178 Resp: 240913
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.4 12.5 18.7

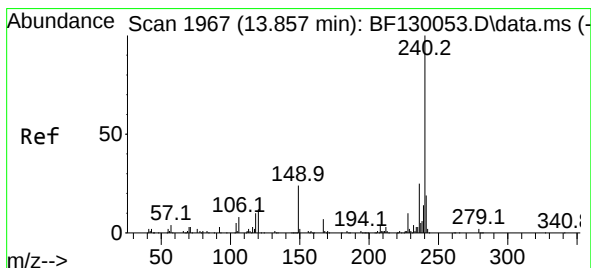
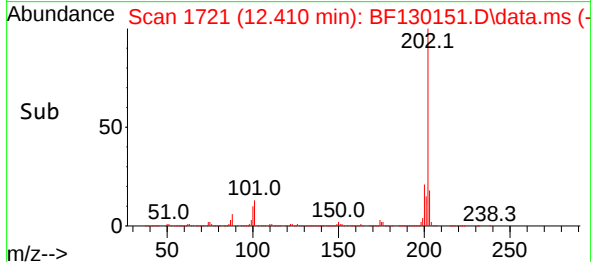
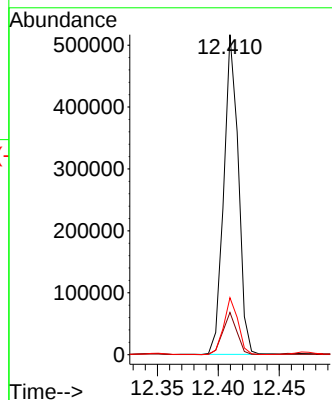
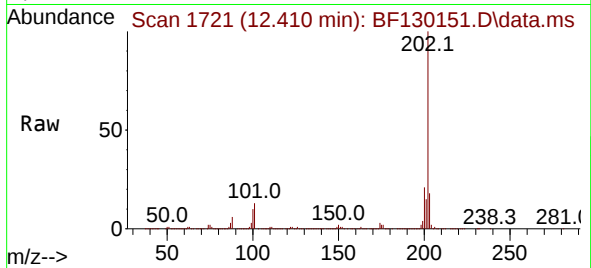




#75
Fluoranthene
Concen: 11.675 ng
RT: 12.410 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

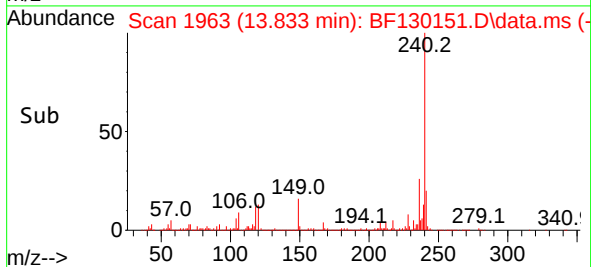
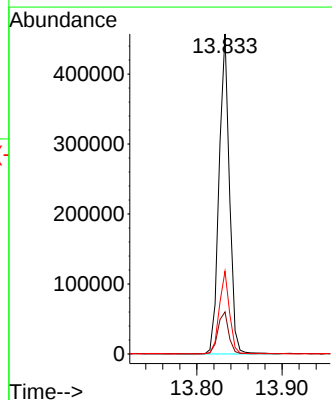
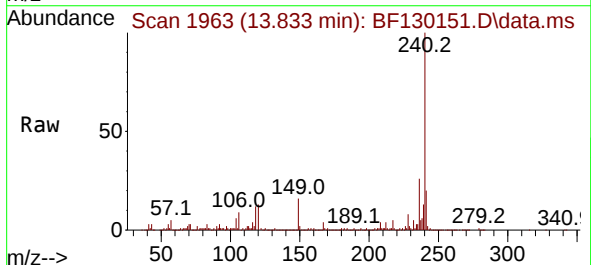
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

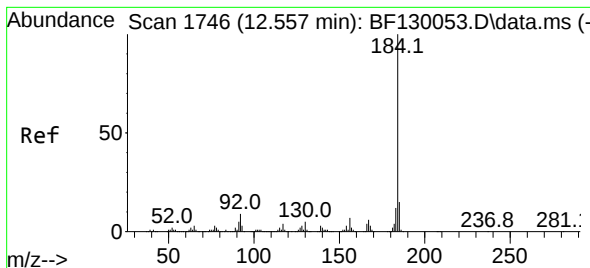
Tgt Ion:202 Resp: 430067
Ion Ratio Lower Upper
202 100
101 13.2 0.0 30.7
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion:240 Resp: 388949
Ion Ratio Lower Upper
240 100
120 13.1 9.2 13.8
236 25.9 20.7 31.1





#77

Benzidine

Concen: 2.210 ng

RT: 12.792 min Scan# 1786

Delta R.T. 0.247 min

Lab File: BF130151.D

Acq: 06 Sep 2022 22:30

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

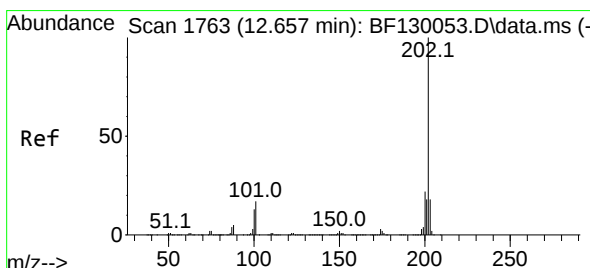
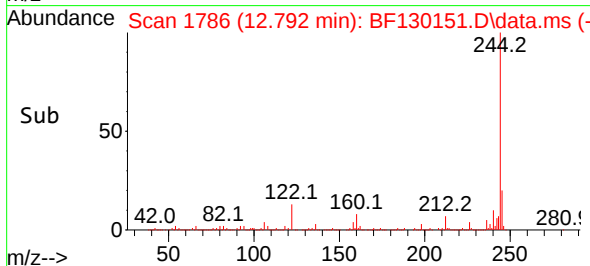
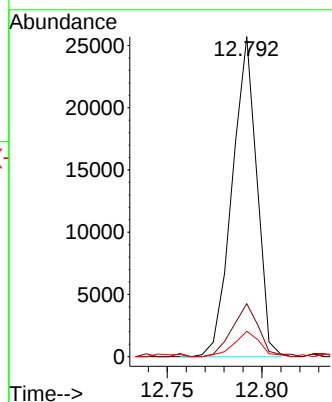
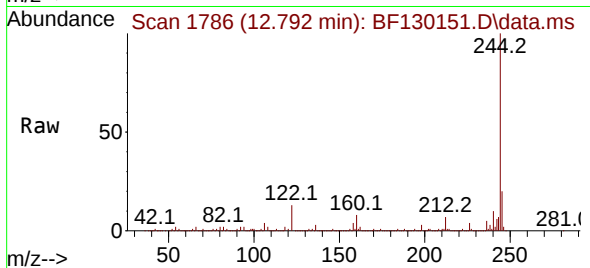
Tgt Ion:184 Resp: 23204

Ion Ratio Lower Upper

184 100

185 16.6 11.4 17.2

183 8.0 9.4 14.2#



#78

Pyrene

Concen: 11.039 ng

RT: 12.639 min Scan# 1760

Delta R.T. -0.012 min

Lab File: BF130151.D

Acq: 06 Sep 2022 22:30

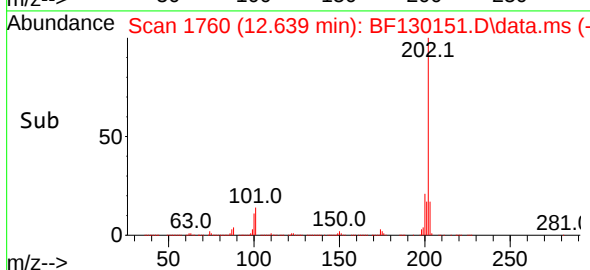
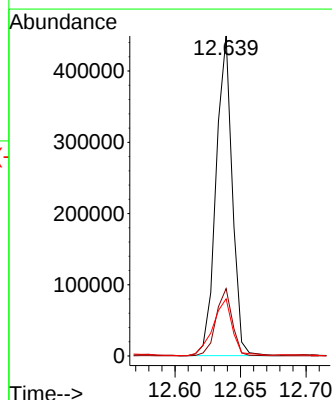
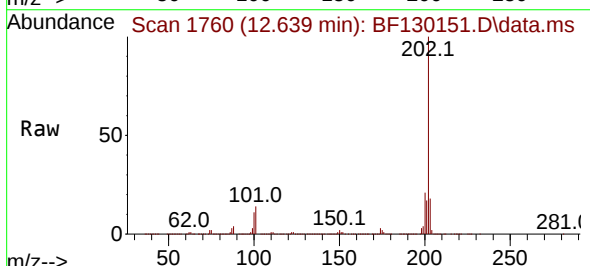
Tgt Ion:202 Resp: 385120

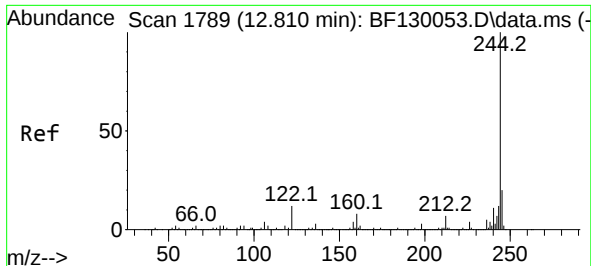
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.9 14.1 21.1

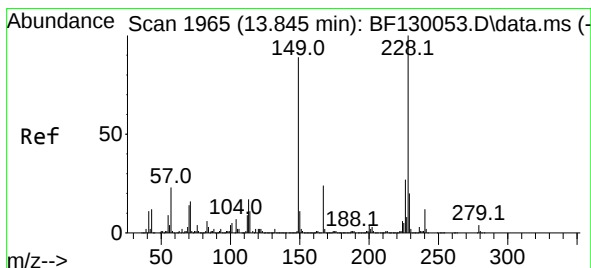
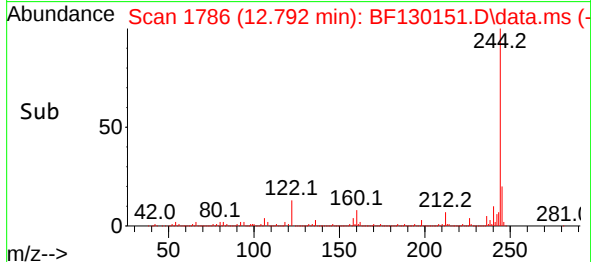
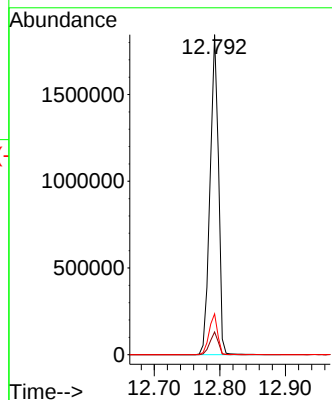
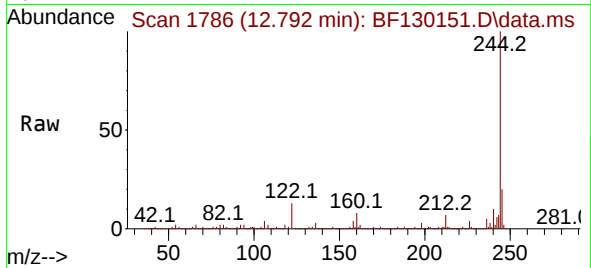




#79
 Terphenyl-d14
 Concen: 73.692 ng
 RT: 12.792 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130151.D
 Acq: 06 Sep 2022 22:30

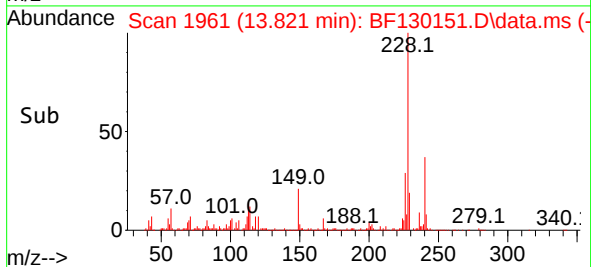
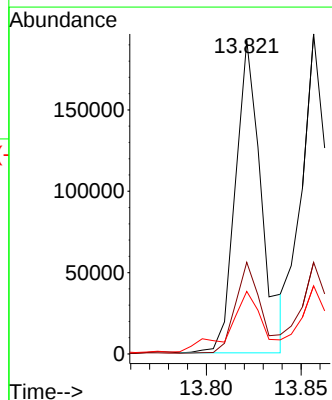
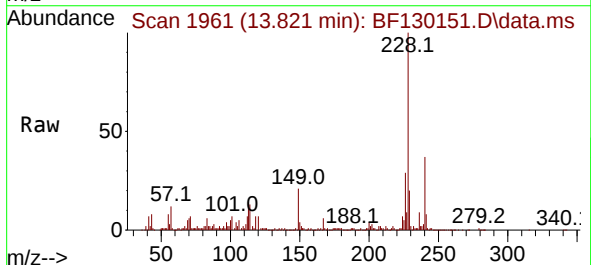
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

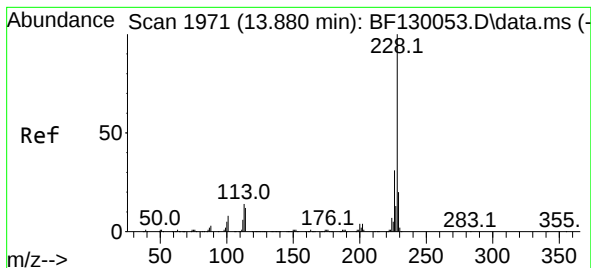
Tgt Ion:244 Resp: 1652846
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.8 9.9 14.9



#81
 Benzo(a)anthracene
 Concen: 6.858 ng
 RT: 13.821 min Scan# 1961
 Delta R.T. -0.012 min
 Lab File: BF130151.D
 Acq: 06 Sep 2022 22:30

Tgt Ion:228 Resp: 182790
 Ion Ratio Lower Upper
 228 100
 226 29.3 21.4 32.0
 229 19.9 16.1 24.1





#83

Chrysene

Concen: 6.839 ng

RT: 13.857 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BF130151.D

Acq: 06 Sep 2022 22:30

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

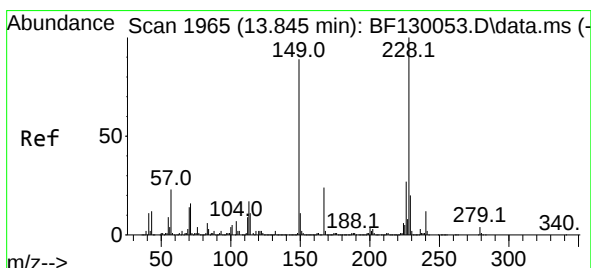
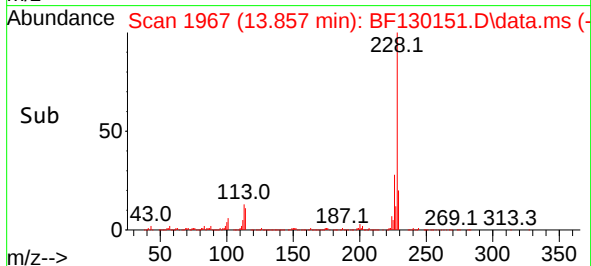
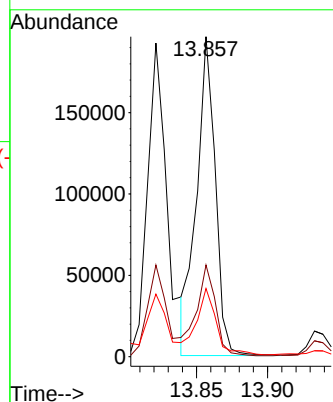
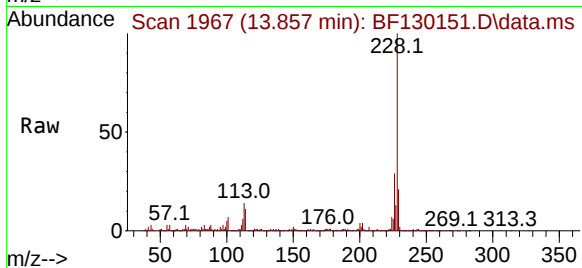
Tgt Ion:228 Resp: 179715

Ion Ratio Lower Upper

228 100

226 28.7 24.4 36.6

229 21.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.164 ng

RT: 13.827 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BF130151.D

Acq: 06 Sep 2022 22:30

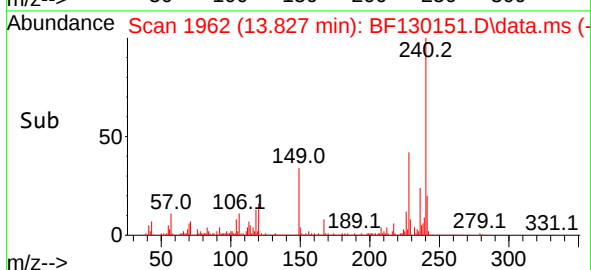
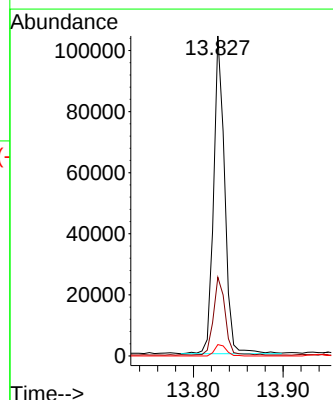
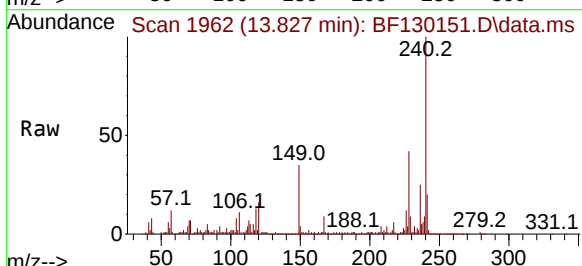
Tgt Ion:149 Resp: 89071

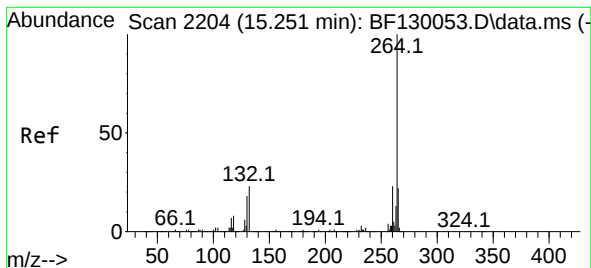
Ion Ratio Lower Upper

149 100

167 24.6 22.0 33.0

279 3.6 3.6 5.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130151.D

Acq: 06 Sep 2022 22:30

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

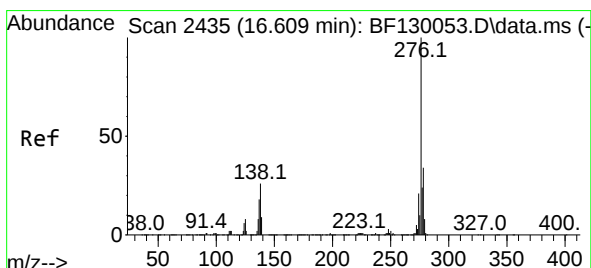
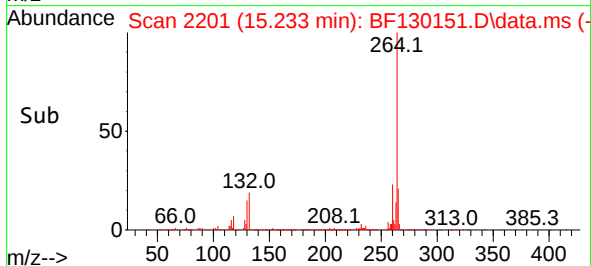
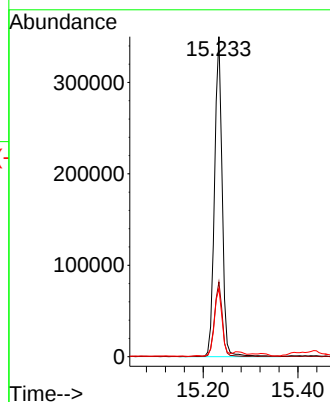
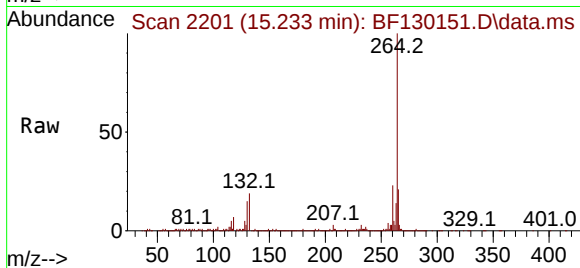
Tgt Ion:264 Resp: 393916

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.3 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.582 ng

RT: 16.568 min Scan# 2428

Delta R.T. -0.018 min

Lab File: BF130151.D

Acq: 06 Sep 2022 22:30

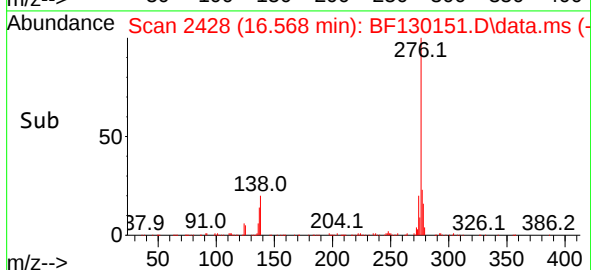
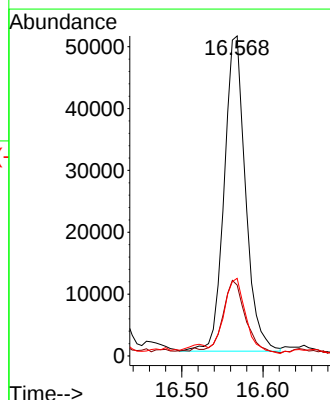
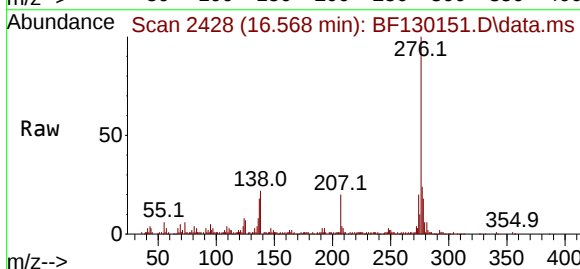
Tgt Ion:276 Resp: 93069

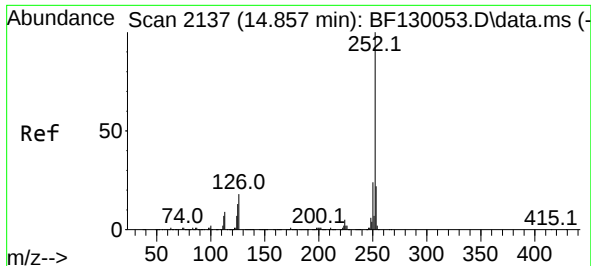
Ion Ratio Lower Upper

276 100

138 25.8 19.8 29.8

277 24.5 20.4 30.6

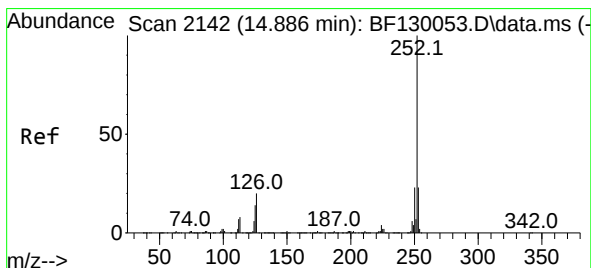
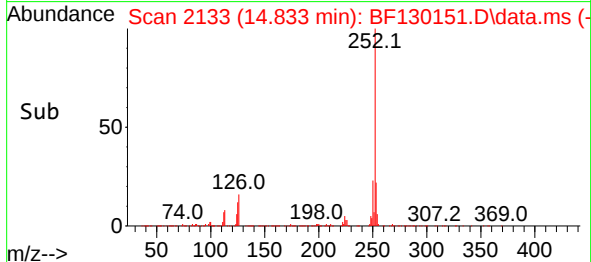
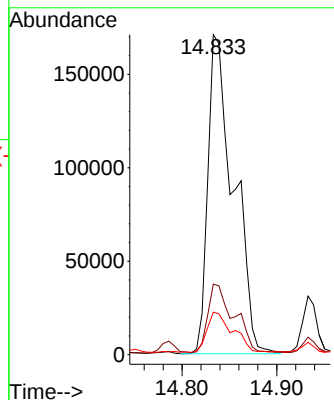
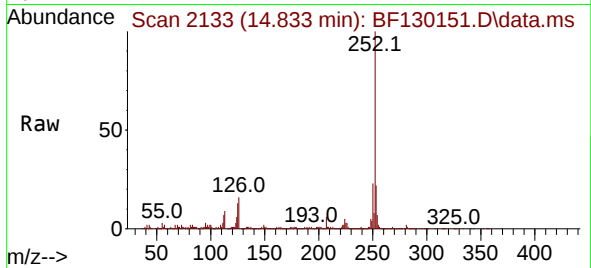




#88
Benzo(b)fluoranthene
Concen: 12.265 ng
RT: 14.833 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

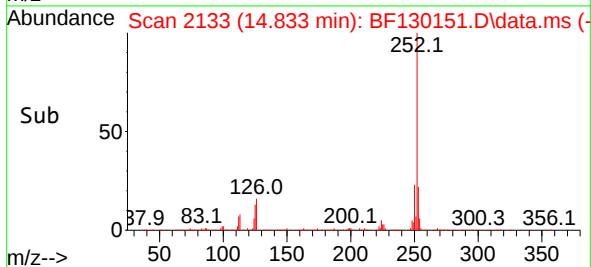
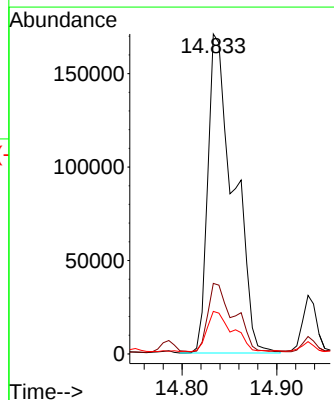
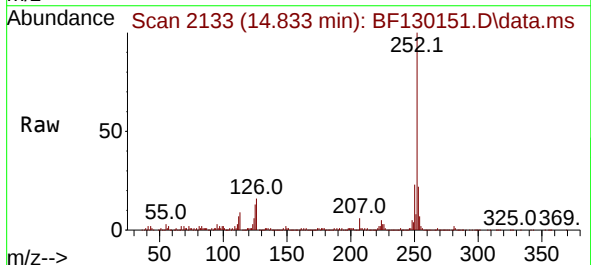
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

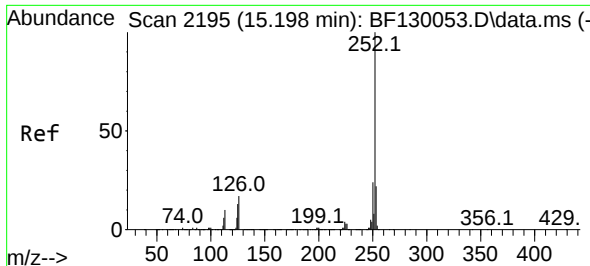
Tgt Ion:252 Resp: 322176
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 13.3 8.3 12.5#



#89
Benzo(k)fluoranthene
Concen: 12.681 ng
RT: 14.833 min Scan# 2133
Delta R.T. -0.041 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion:252 Resp: 322176
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.3 8.3 12.5#

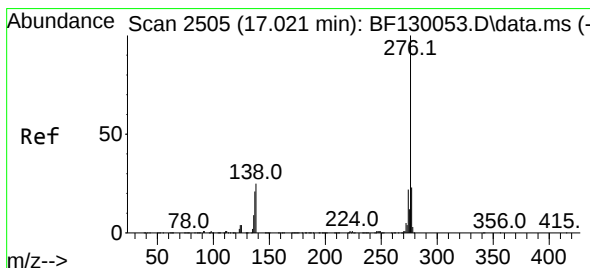
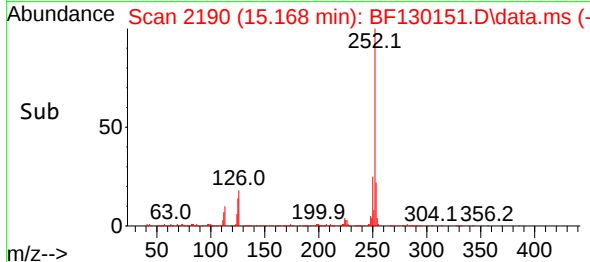
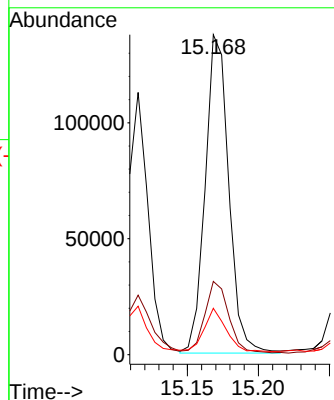
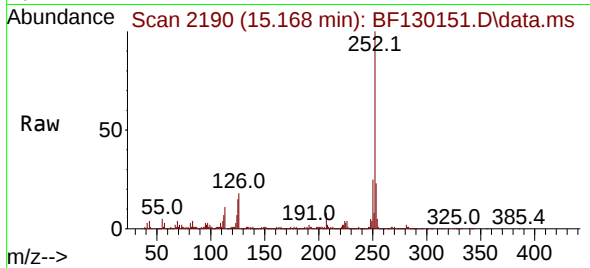




#90
Benzo(a)pyrene
Concen: 7.595 ng
RT: 15.168 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion:252 Resp: 158544
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 14.5 8.8 13.2#



#92
Benzo(g,h,i)perylene
Concen: 4.118 ng
RT: 16.968 min Scan# 2496
Delta R.T. -0.030 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion:276 Resp: 87599
Ion Ratio Lower Upper
276 100
277 25.5 18.2 27.4
138 24.2 15.8 23.8#

