

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131177.D
 Acq On : 12 Nov 2022 04:16
 Operator : CG\JU
 Sample : N5545-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-1-110922

Quant Time: Nov 12 04:42:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 12 00:03:31 2022
 Response via : Initial Calibration

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

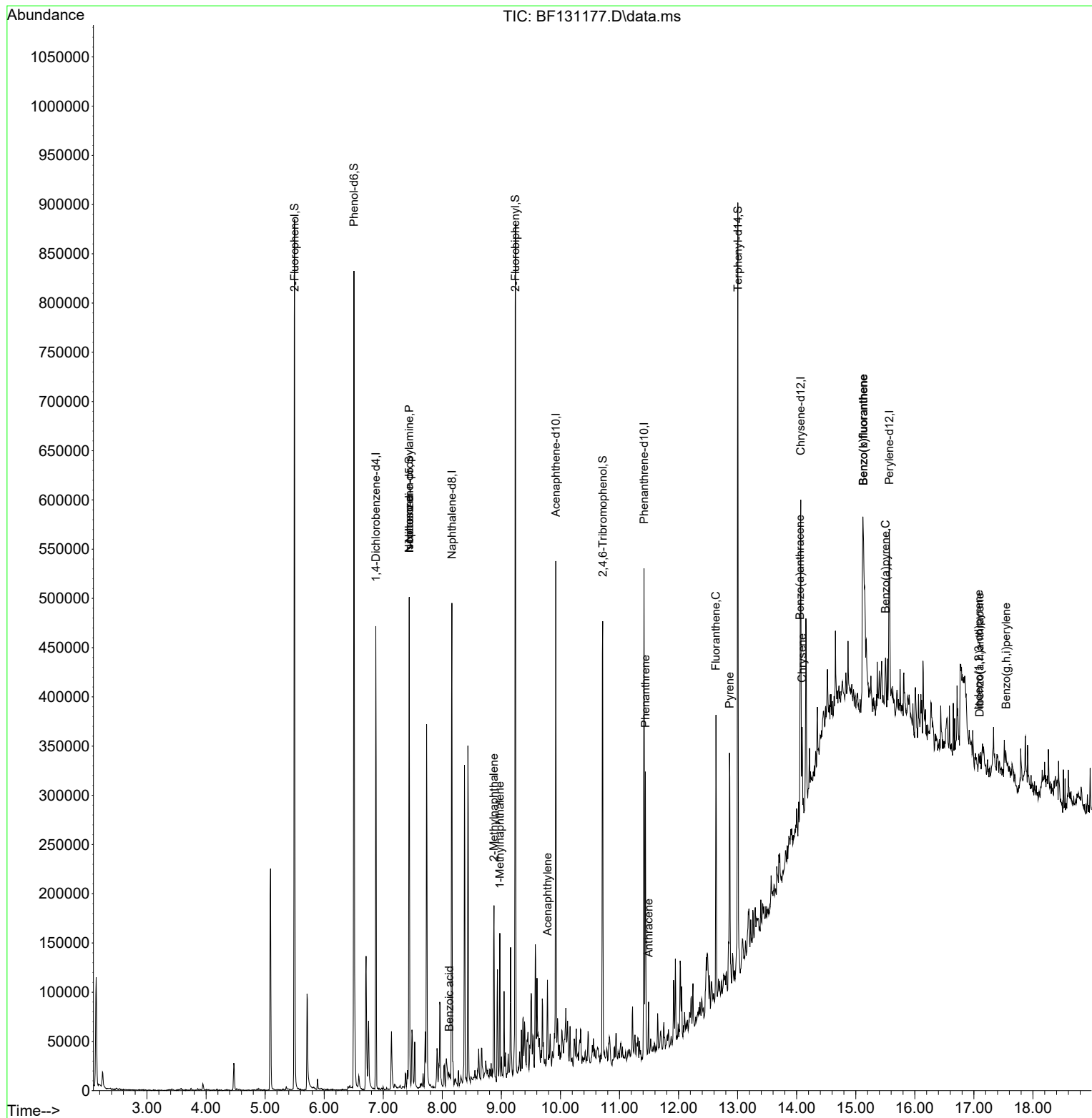
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	56364	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	184860	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	86848	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	158303	20.000	ng	0.00
76) Chrysene-d12	14.068	240	98658	20.000	ng	0.01
86) Perylene-d12	15.568	264	73010	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	205230	61.922	ng	0.01
7) Phenol-d6	6.504	99	216561	49.979	ng	0.00
23) Nitrobenzene-d5	7.439	82	129756	31.670	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	47430	52.844	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	232003	37.292	ng	0.00
79) Terphenyl-d14	13.004	244	233887	41.566	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	18972	6.669	ng	# 79
25) Isophorone	7.439	82	129755	20.482	ng	# 68
32) Benzoic acid	8.116	122	59	5.745	ng	# 1
37) 2-Methylnaphthalene	8.875	142	18815	2.890	ng	94
38) 1-Methylnaphthalene	8.975	142	17978	2.819	ng	99
49) Acenaphthylene	9.780	152	18074	2.171	ng	# 94
71) Phenanthrene	11.439	178	88544	10.170	ng	99
72) Anthracene	11.492	178	17898	2.118	ng	99
75) Fluoranthene	12.633	202	98869	11.345	ng	99
78) Pyrene	12.863	202	89754	10.604	ng	99
81) Benzo(a)anthracene	14.057	228	38151	5.410	ng	# 94
83) Chrysene	14.092	228	36384	5.463	ng	96
87) Indeno(1,2,3-cd)pyrene	17.080	276	13449	5.935	ng	# 92
88) Benzo(b)fluoranthene	15.127	252	58710	11.374	ng	# 80
89) Benzo(k)fluoranthene	15.127	252	58710	11.833	ng	# 81
90) Benzo(a)pyrene	15.504	252	22255	5.378	ng	# 84
91) Dibenzo(a,h)anthracene	17.098	278	3600	4.523	ng	# 24
92) Benzo(g,h,i)perylene	17.545	276	13850	6.818	ng	# 87

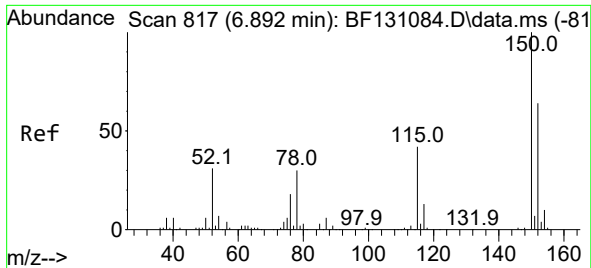
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131177.D
Acq On : 12 Nov 2022 04:16
Operator : CG\JU
Sample : N5545-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-1-110922

Quant Time: Nov 12 04:42:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 12 00:03:31 2022
Response via : Initial Calibration

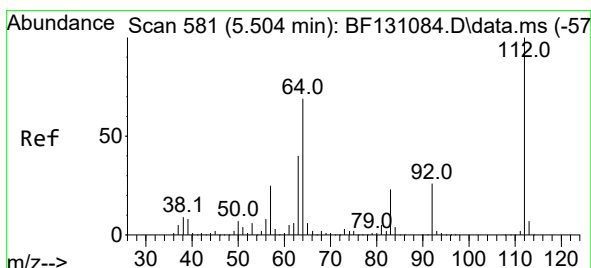
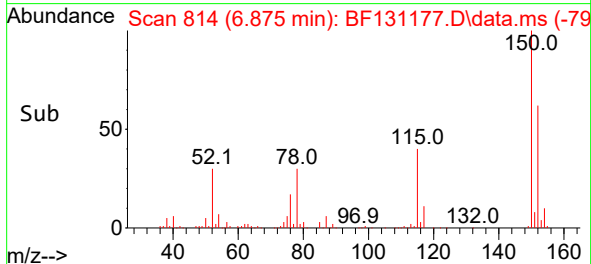
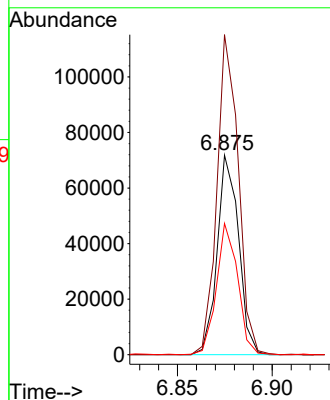
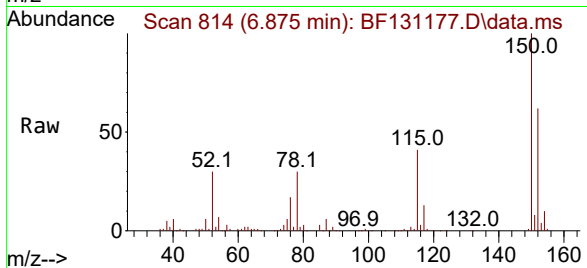




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131177.D
Acq: 12 Nov 2022 04:16

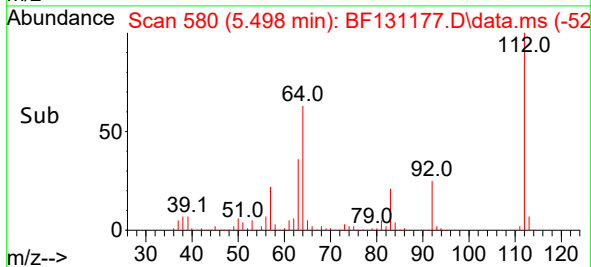
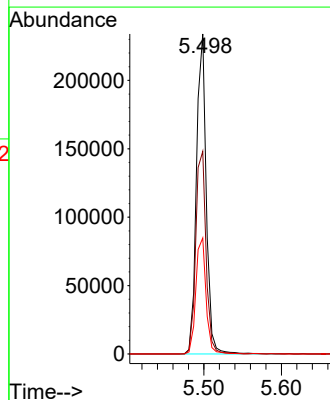
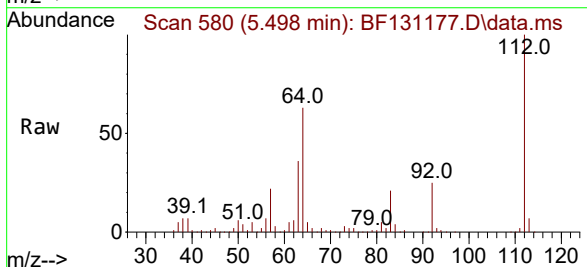
Instrument :
BNA_F
ClientSampleId :
CL-1-110922

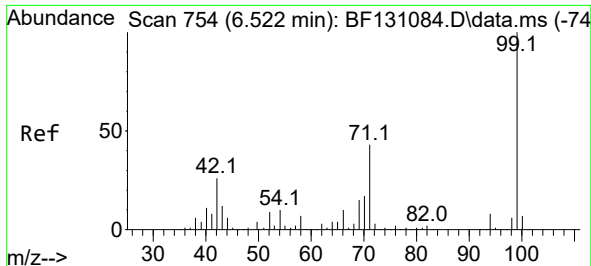
Tgt Ion:152 Resp: 56364
Ion Ratio Lower Upper
152 100
150 160.4 125.5 188.3
115 65.8 52.2 78.2



#5
2-Fluorophenol
Concen: 61.922 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF131177.D
Acq: 12 Nov 2022 04:16

Tgt Ion:112 Resp: 205230
Ion Ratio Lower Upper
112 100
64 63.3 55.1 82.7
63 36.3 32.4 48.6

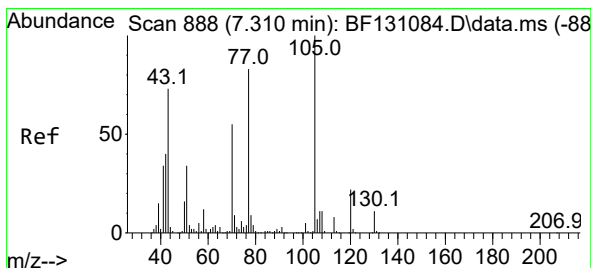
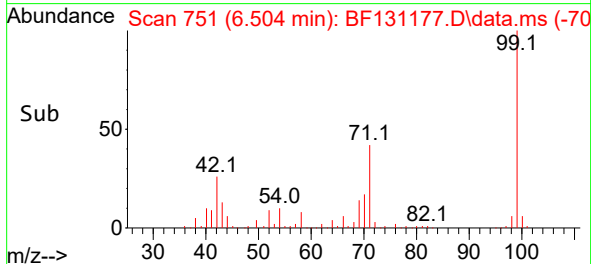
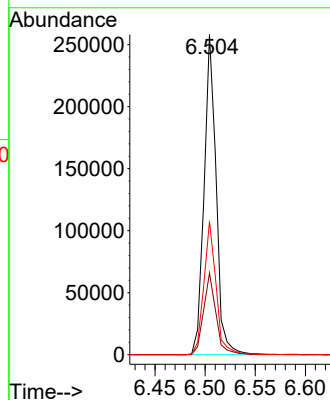
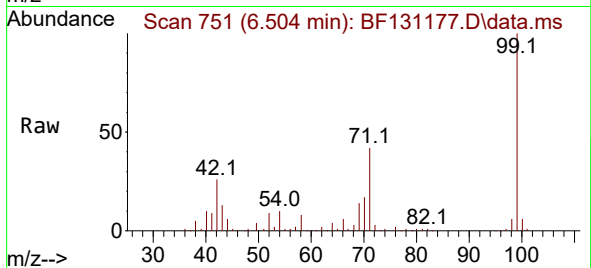




#7
Phenol-d6
Concen: 49.979 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131177.D
Acq: 12 Nov 2022 04:16

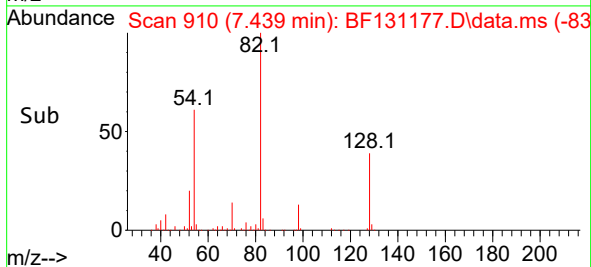
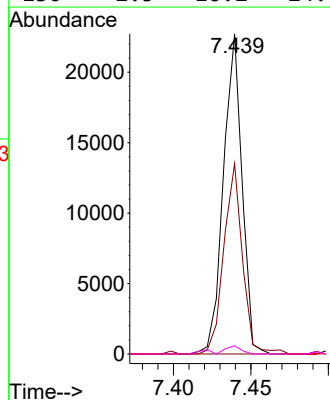
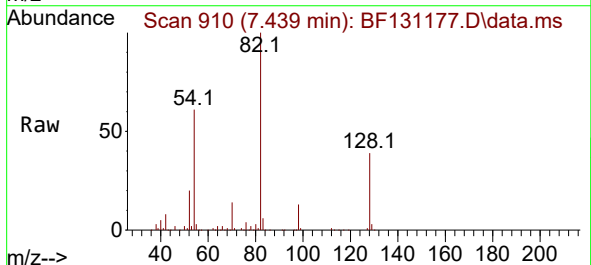
Instrument :
BNA_F
ClientSampleId :
CL-1-110922

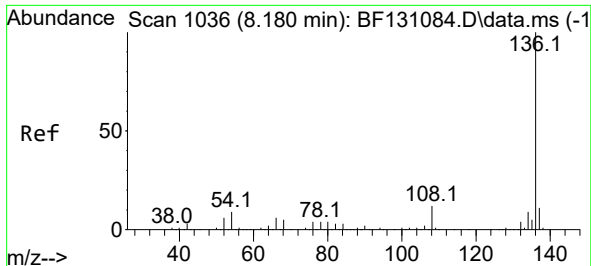
Tgt Ion: 99 Resp: 216561
Ion Ratio Lower Upper
99 100
42 25.5 20.8 31.2
71 41.7 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 6.669 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF131177.D
Acq: 12 Nov 2022 04:16

Tgt Ion: 70 Resp: 18972
Ion Ratio Lower Upper
70 100
42 59.5 58.3 87.5
101 0.0 7.4 11.2#
130 2.5 16.2 24.4#

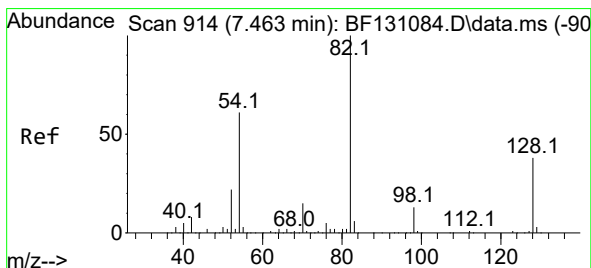
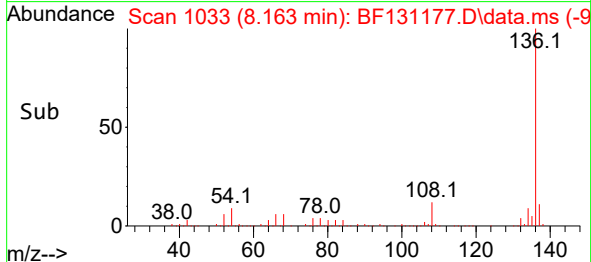
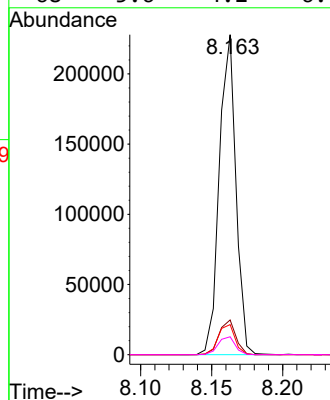
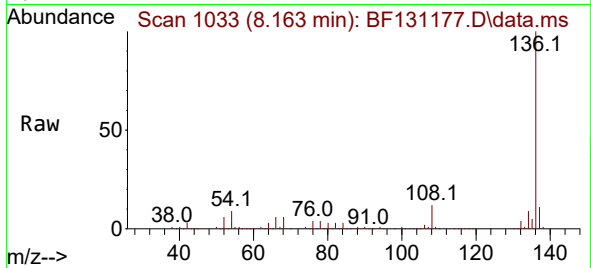




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BF131177.D
Acq: 12 Nov 2022 04:16

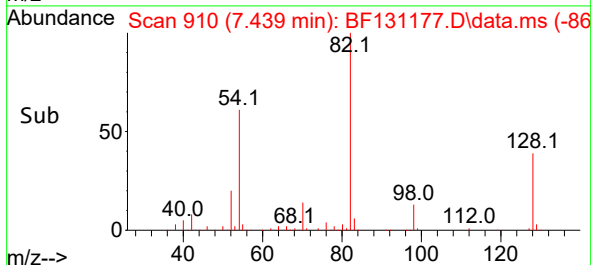
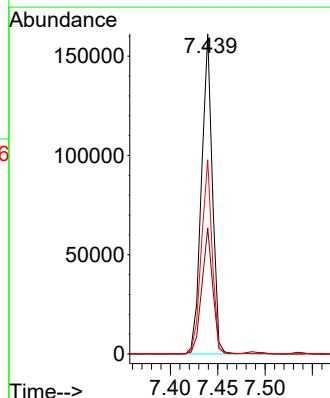
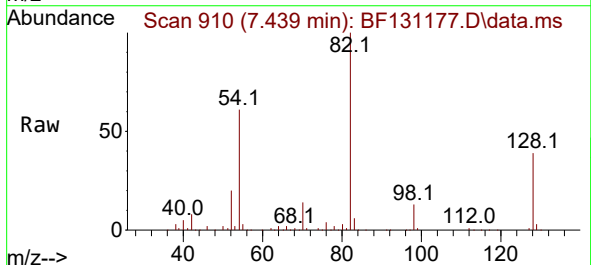
Instrument :
BNA_F
ClientSampleId :
CL-1-110922

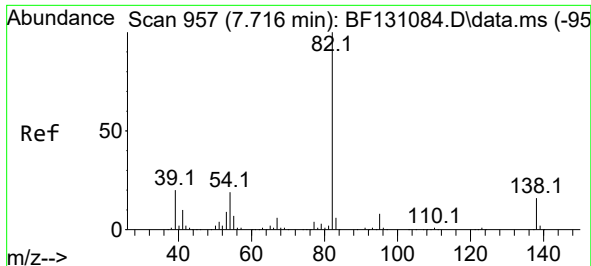
Tgt Ion:136 Resp: 184860
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.4 7.2 10.8
68 5.6 4.2 6.4



#23
Nitrobenzene-d5
Concen: 31.670 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF131177.D
Acq: 12 Nov 2022 04:16

Tgt Ion: 82 Resp: 129756
Ion Ratio Lower Upper
82 100
128 39.4 30.5 45.7
54 60.7 49.1 73.7

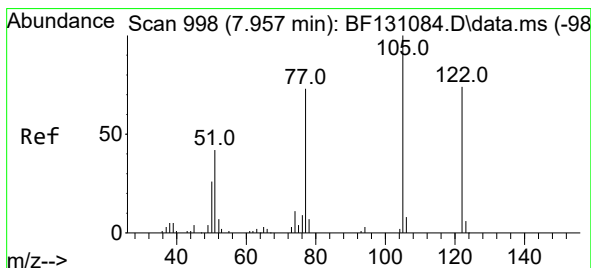
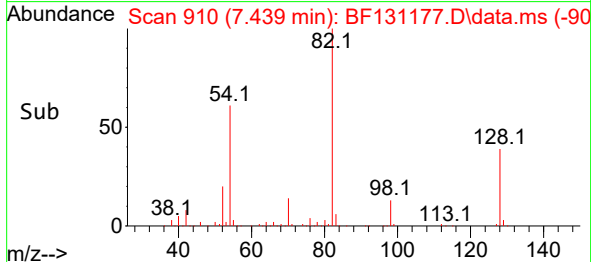
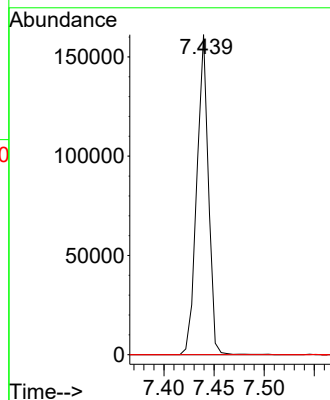
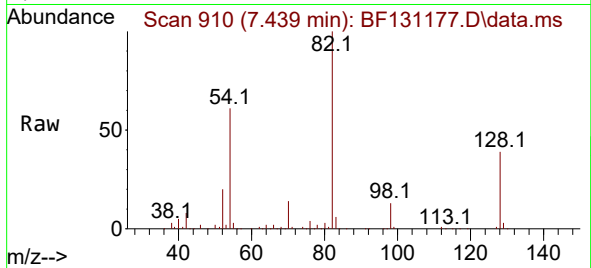




#25
Isophorone
Concen: 20.482 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131177.D
Acq: 12 Nov 2022 04:16

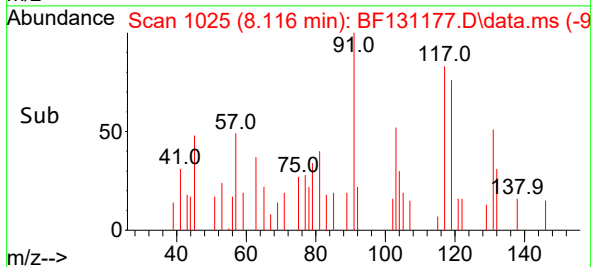
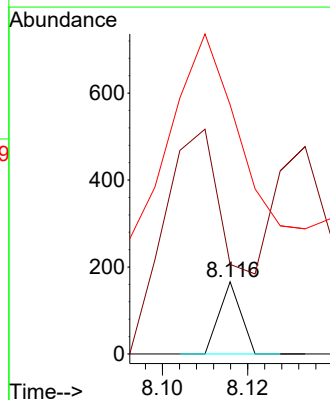
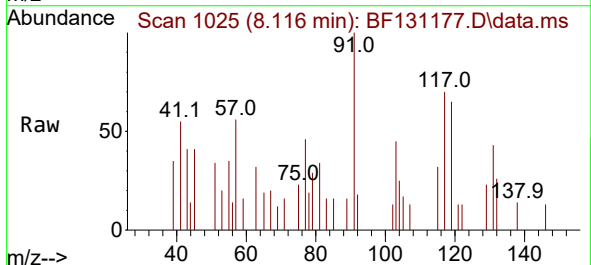
Instrument :
BNA_F
ClientSampleId :
CL-1-110922

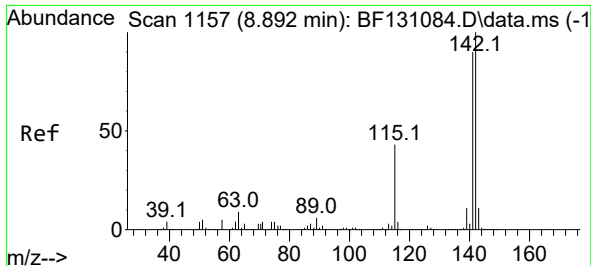
Tgt Ion: 82 Resp: 129755
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.745 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.176 min
Lab File: BF131177.D
Acq: 12 Nov 2022 04:16

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 124.1 113.0 153.0
77 345.2 78.7 118.7#

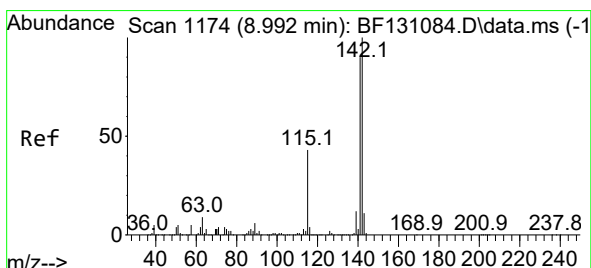
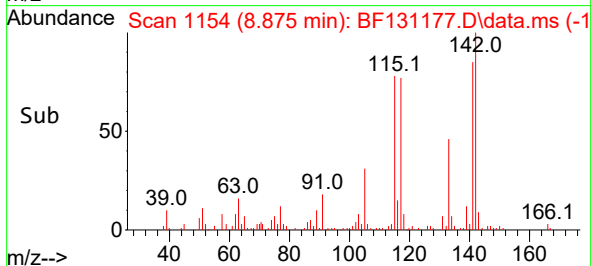
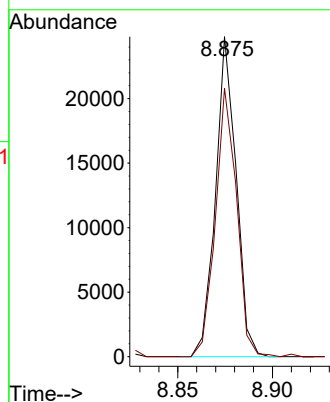
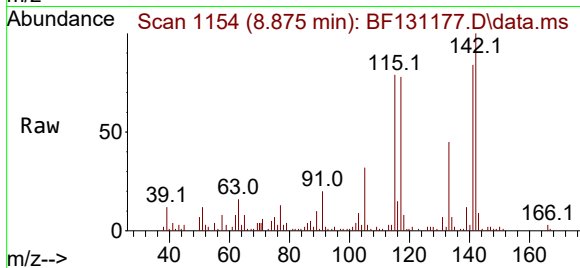




#37
2-Methylnaphthalene
Concen: 2.890 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF131177.D
Acq: 12 Nov 2022 04:16

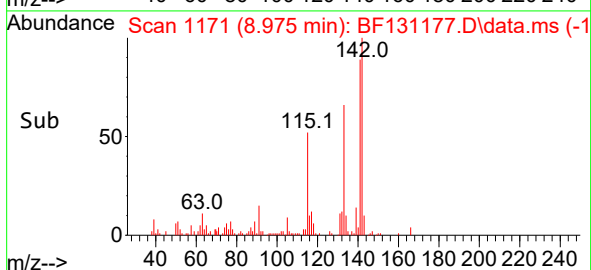
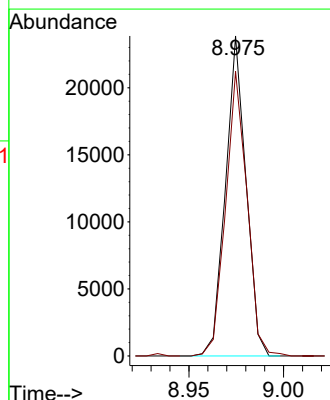
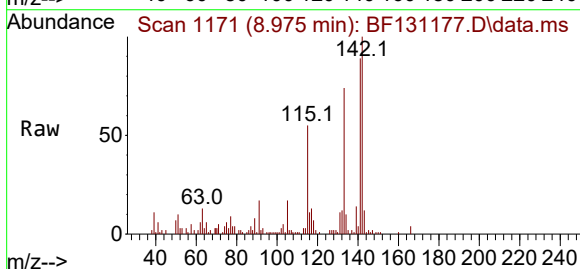
Instrument :
BNA_F
ClientSampleId :
CL-1-110922

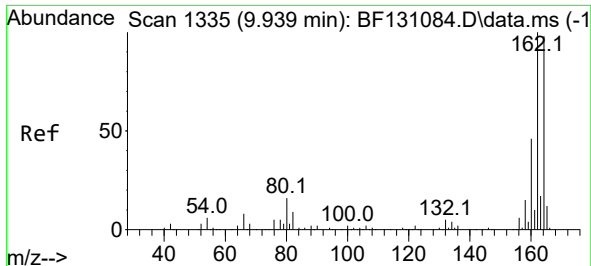
Tgt Ion:142 Resp: 18815
Ion Ratio Lower Upper
142 100
141 83.9 72.0 108.0



#38
1-Methylnaphthalene
Concen: 2.819 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF131177.D
Acq: 12 Nov 2022 04:16

Tgt Ion:142 Resp: 17978
Ion Ratio Lower Upper
142 100
141 88.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

Instrument :

BNA_F

ClientSampleId :

CL-1-110922

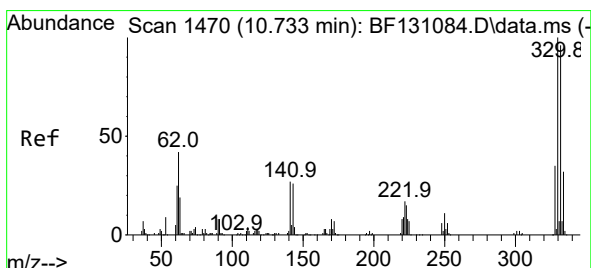
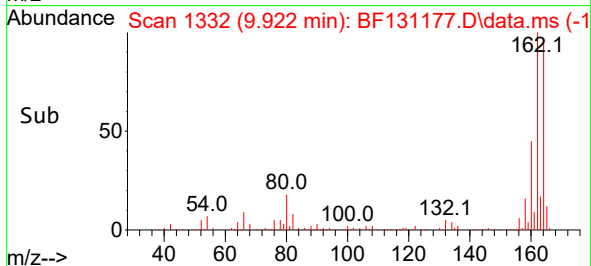
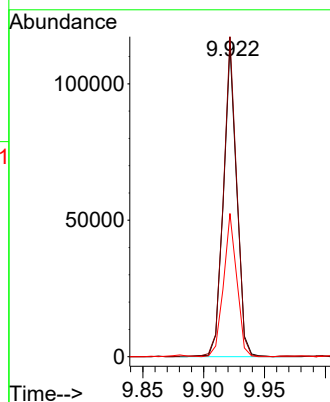
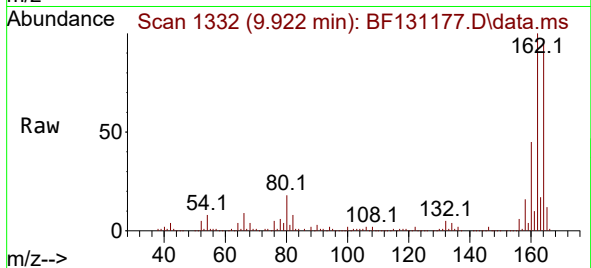
Tgt Ion:164 Resp: 86848

Ion Ratio Lower Upper

164 100

162 102.8 81.7 122.5

160 46.0 37.4 56.2



#42

2,4,6-Tribromophenol

Concen: 52.844 ng

RT: 10.716 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

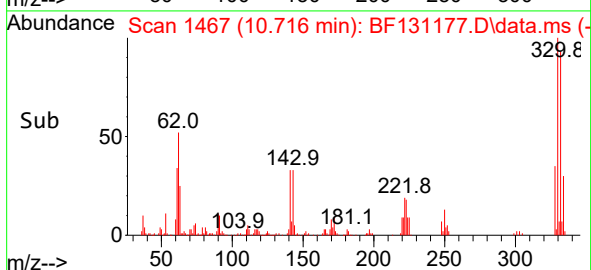
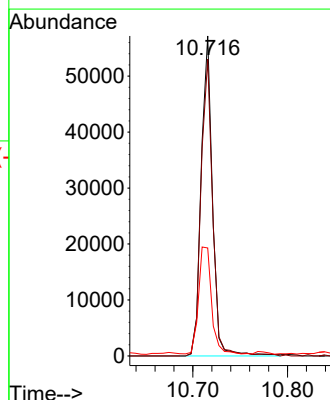
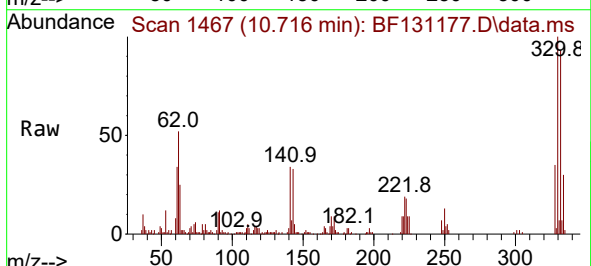
Tgt Ion:330 Resp: 47430

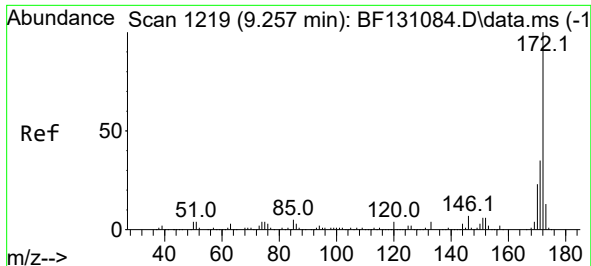
Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.4

141 38.3 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 37.292 ng

RT: 9.239 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

Instrument :

BNA_F

ClientSampleId :

CL-1-110922

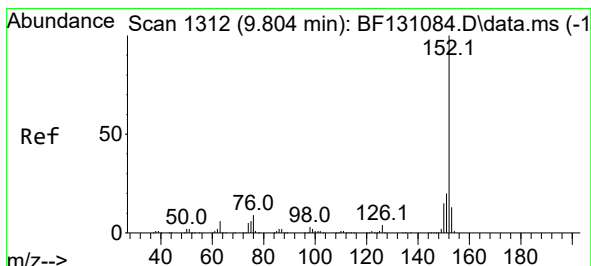
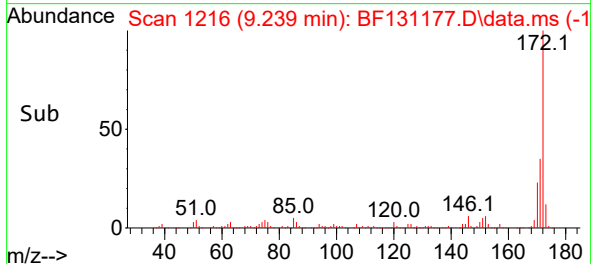
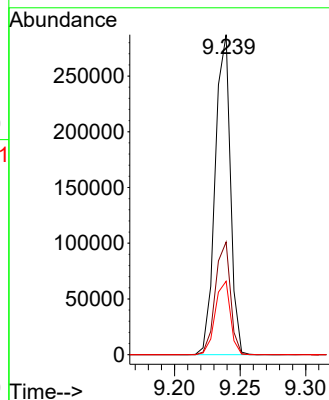
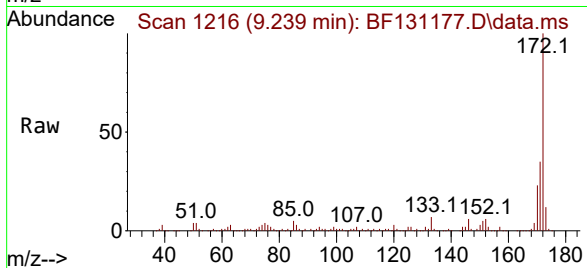
Tgt Ion:172 Resp: 232003

Ion Ratio Lower Upper

172 100

171 35.2 27.7 41.5

170 22.9 18.8 28.2



#49

Acenaphthylene

Concen: 2.171 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.000 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

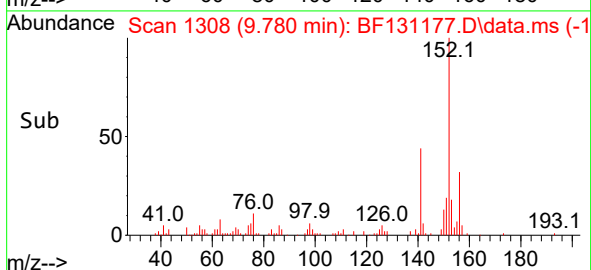
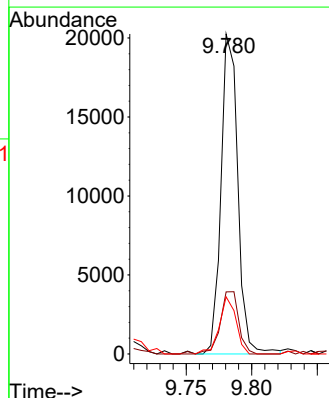
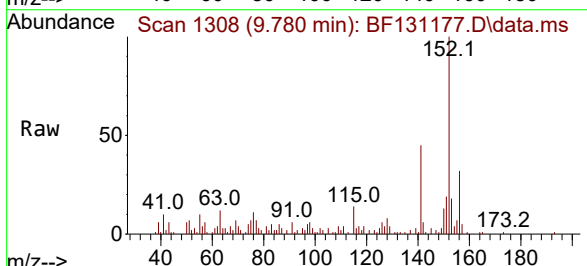
Tgt Ion:152 Resp: 18074

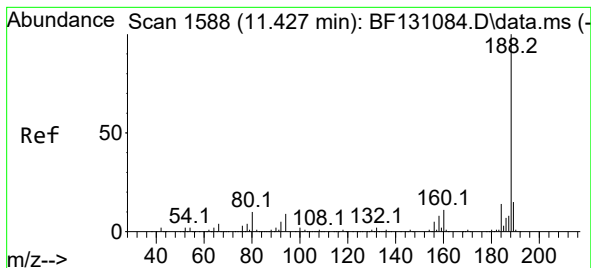
Ion Ratio Lower Upper

152 100

151 19.4 16.0 24.0

153 17.8 10.2 15.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

Instrument :

BNA_F

ClientSampleId :

CL-1-110922

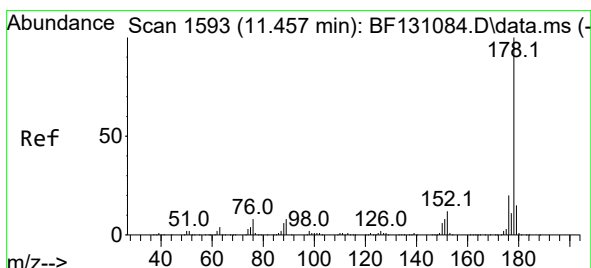
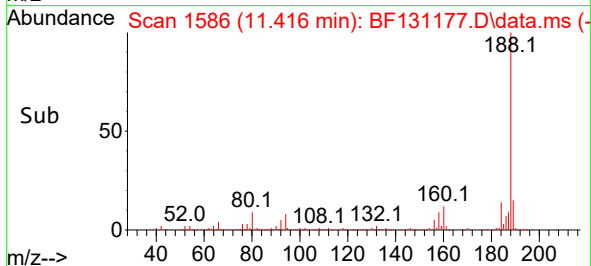
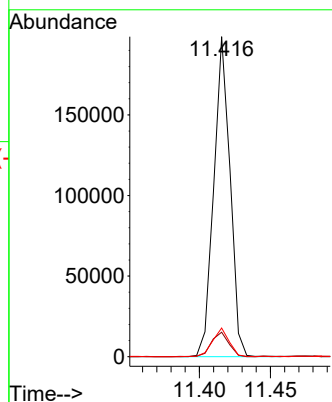
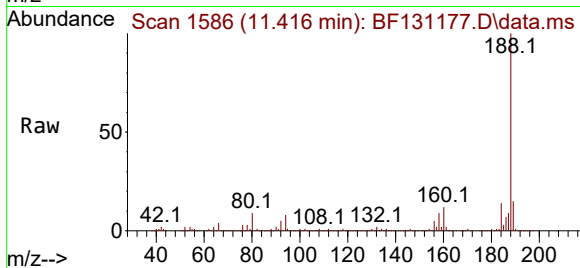
Tgt Ion:188 Resp: 158303

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 8.9 7.9 11.9



#71

Phenanthrene

Concen: 10.170 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

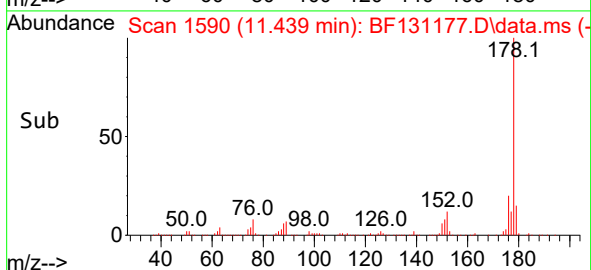
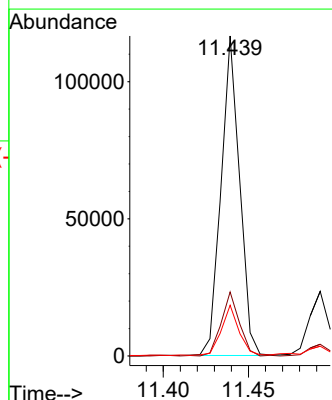
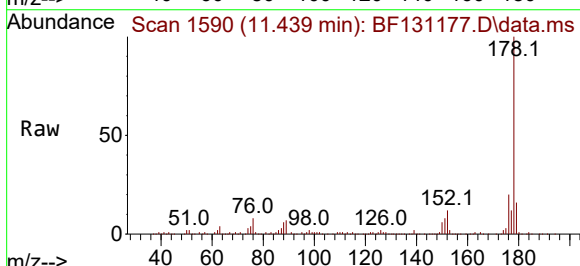
Tgt Ion:178 Resp: 88544

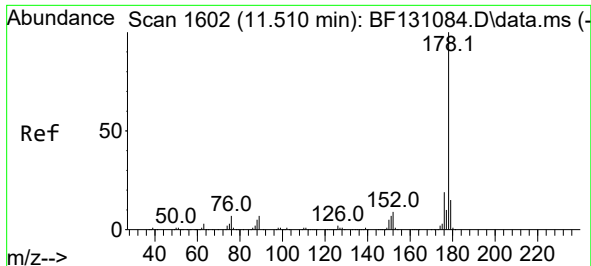
Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.9 12.2 18.2

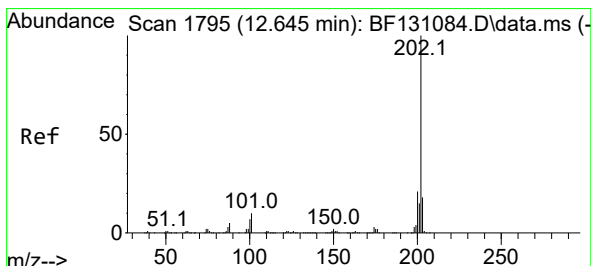
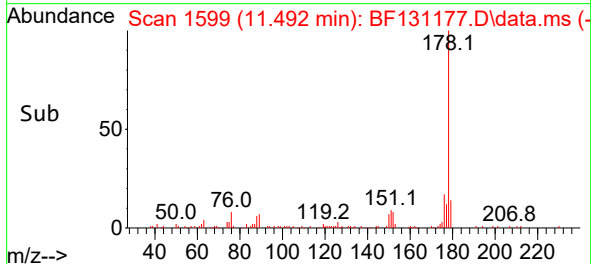
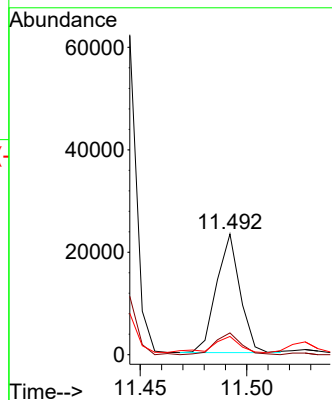
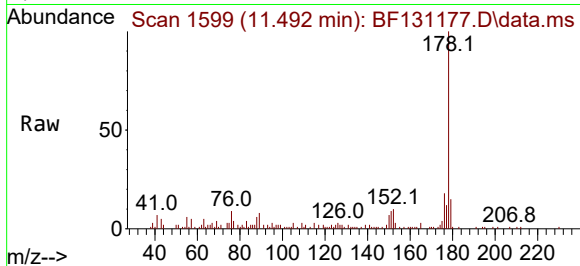




#72
 Anthracene
 Concen: 2.118 ng
 RT: 11.492 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF131177.D
 Acq: 12 Nov 2022 04:16

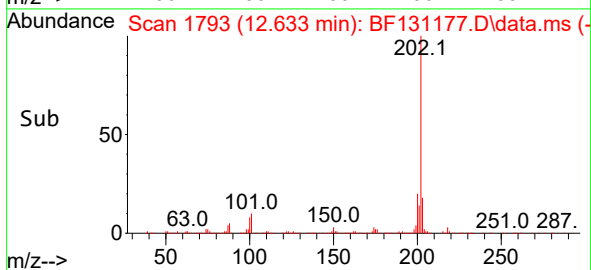
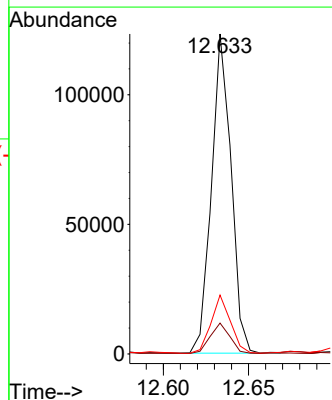
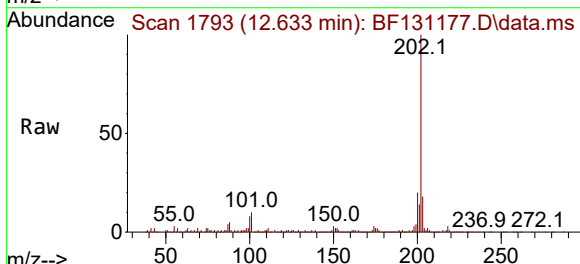
Instrument :
 BNA_F
 ClientSampleId :
 CL-1-110922

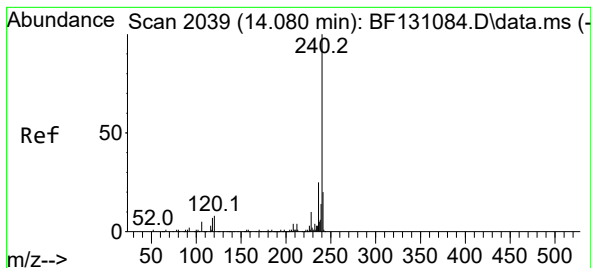
Tgt Ion:178 Resp: 17898
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.0 22.6
 179 15.2 11.8 17.8



#75
 Fluoranthene
 Concen: 11.345 ng
 RT: 12.633 min Scan# 1793
 Delta R.T. 0.006 min
 Lab File: BF131177.D
 Acq: 12 Nov 2022 04:16

Tgt Ion:202 Resp: 98869
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 30.0
 203 18.4 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.012 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

Instrument :

BNA_F

ClientSampleId :

CL-1-110922

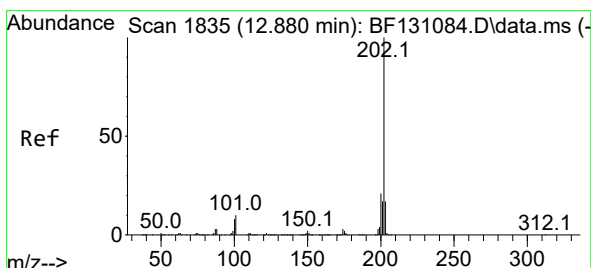
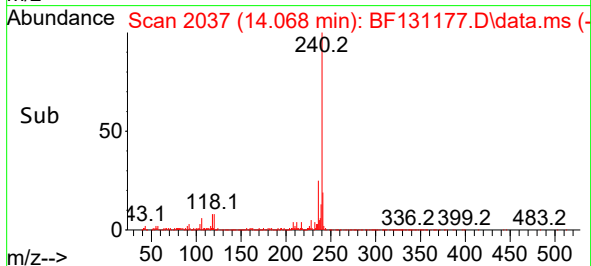
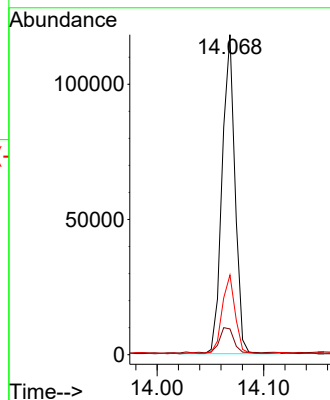
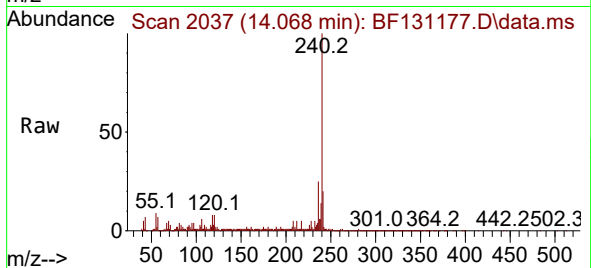
Tgt Ion:240 Resp: 98658

Ion Ratio Lower Upper

240 100

120 8.0 6.5 9.7

236 24.9 19.7 29.5



#78

Pyrene

Concen: 10.604 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.006 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

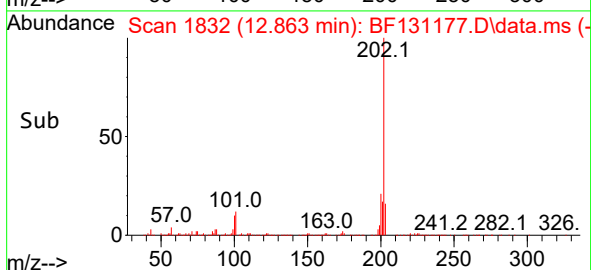
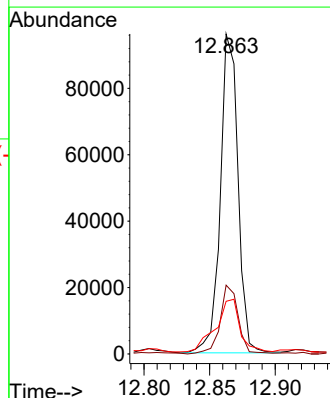
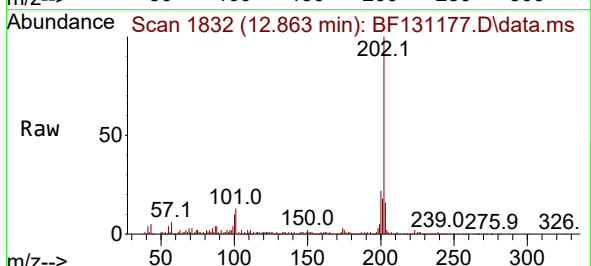
Tgt Ion:202 Resp: 89754

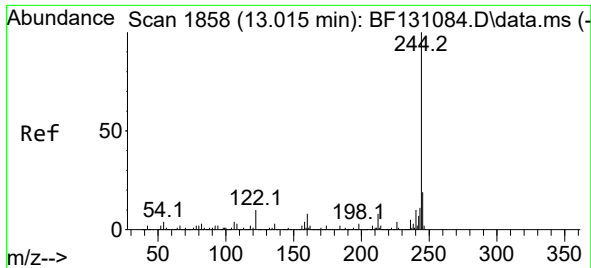
Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

203 16.4 13.6 20.4

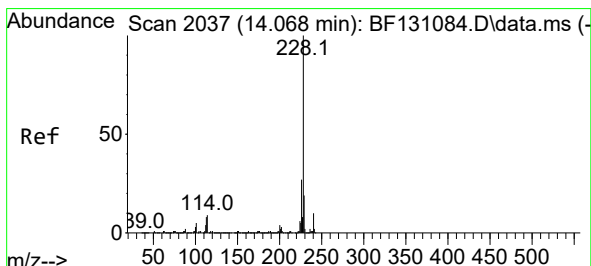
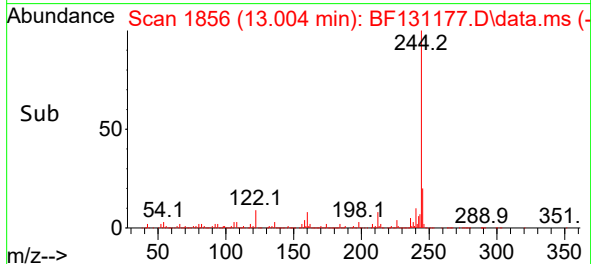
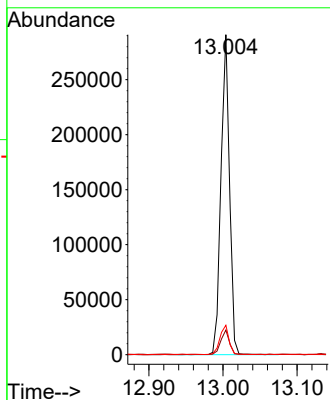
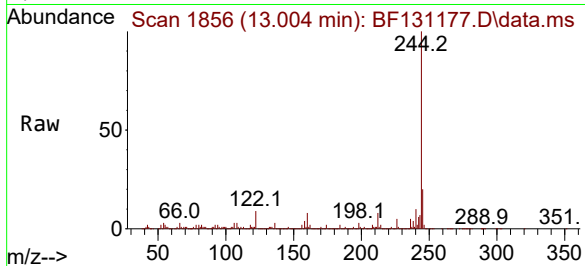




#79
 Terphenyl-d14
 Concen: 41.566 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF131177.D
 Acq: 12 Nov 2022 04:16

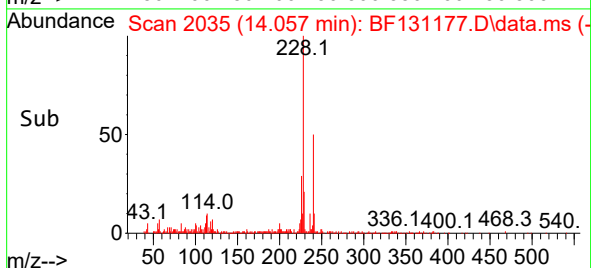
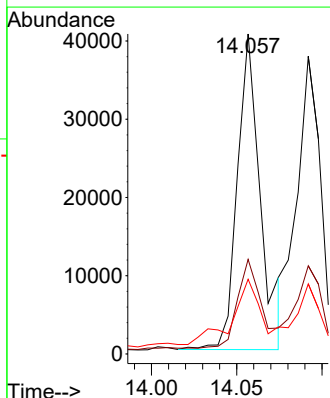
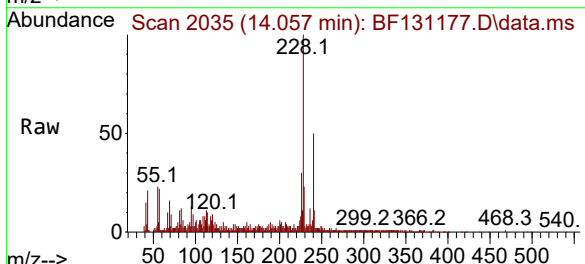
Instrument :
 BNA_F
 ClientSampleId :
 CL-1-110922

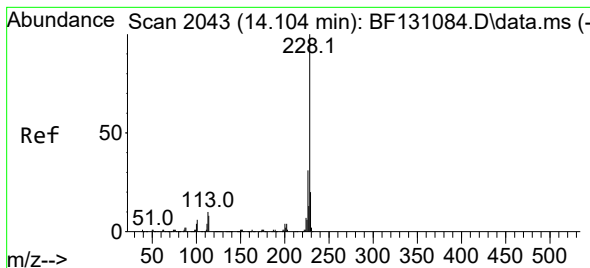
Tgt Ion:244 Resp: 233887
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.2 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 5.410 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. 0.012 min
 Lab File: BF131177.D
 Acq: 12 Nov 2022 04:16

Tgt Ion:228 Resp: 38151
 Ion Ratio Lower Upper
 228 100
 226 29.6 21.8 32.6
 229 23.4 15.4 23.2#





#83

Chrysene

Concen: 5.463 ng

RT: 14.092 min Scan# 2043

Delta R.T. 0.006 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

Instrument :

BNA_F

ClientSampleId :

CL-1-110922

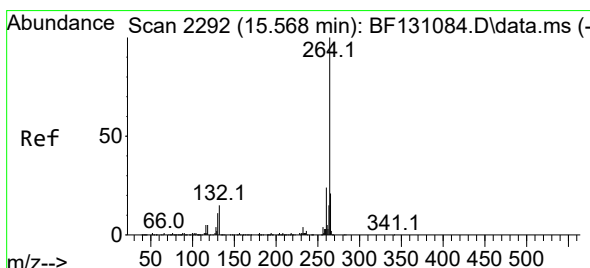
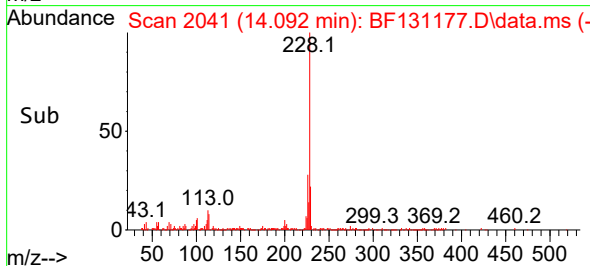
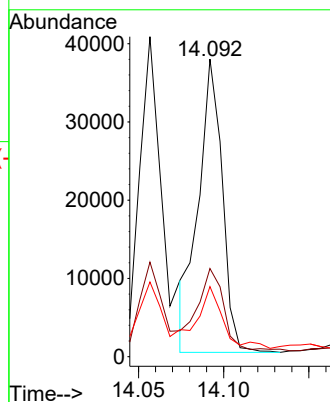
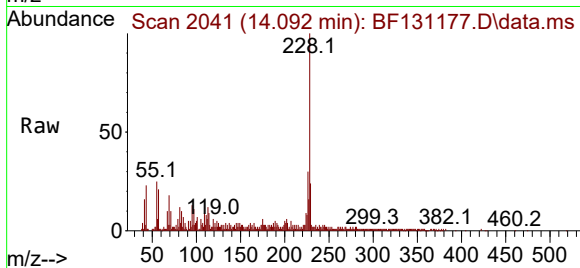
Tgt Ion:228 Resp: 36384

Ion Ratio Lower Upper

228 100

226 29.6 24.4 36.6

229 23.6 15.8 23.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2292

Delta R.T. 0.023 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

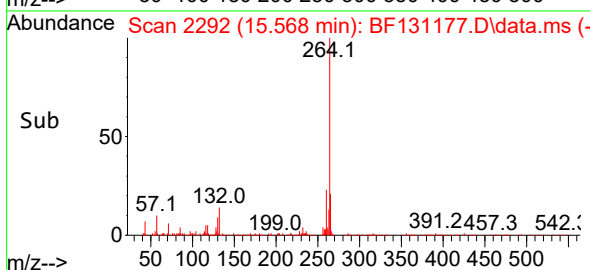
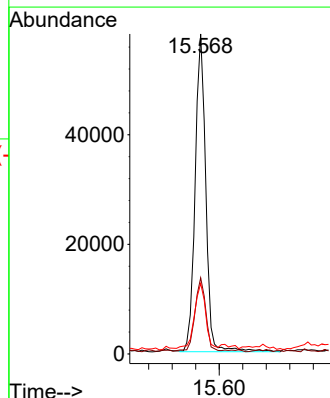
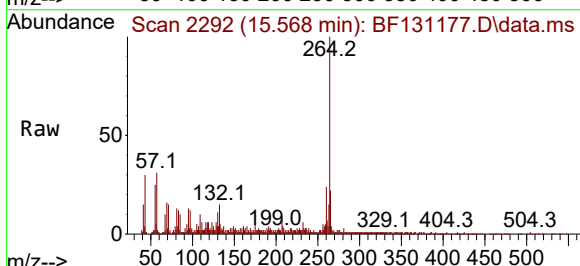
Tgt Ion:264 Resp: 73010

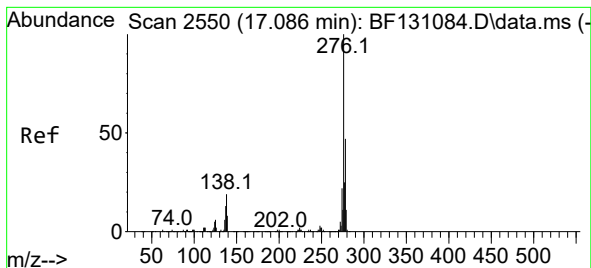
Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 22.0 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.935 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

Instrument :

BNA_F

ClientSampleId :

CL-1-110922

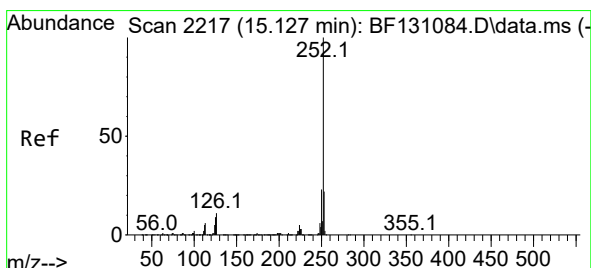
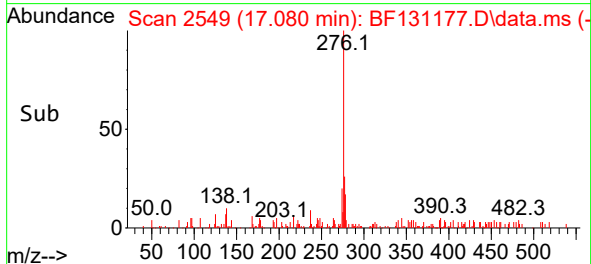
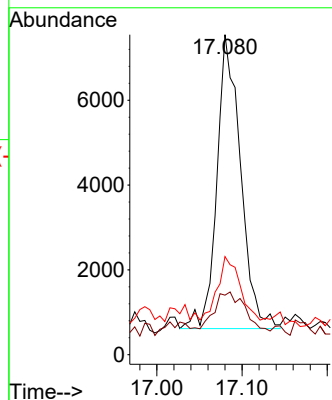
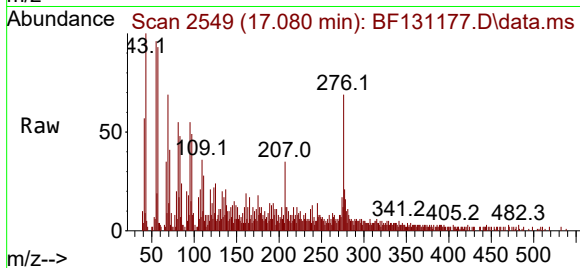
Tgt Ion:276 Resp: 13449

Ion Ratio Lower Upper

276 100

138 16.6 16.9 25.3#

277 21.9 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 11.374 ng

RT: 15.127 min Scan# 2217

Delta R.T. 0.023 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

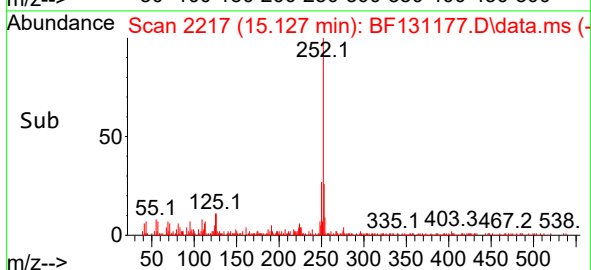
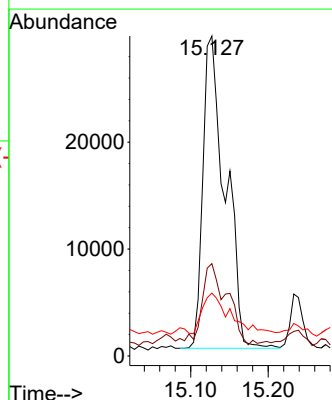
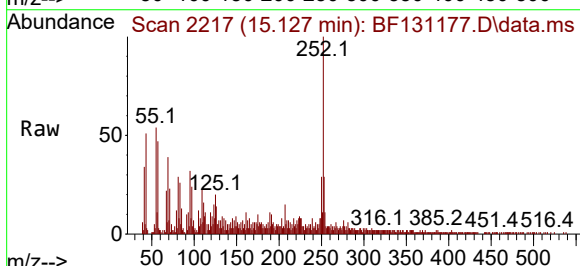
Tgt Ion:252 Resp: 58710

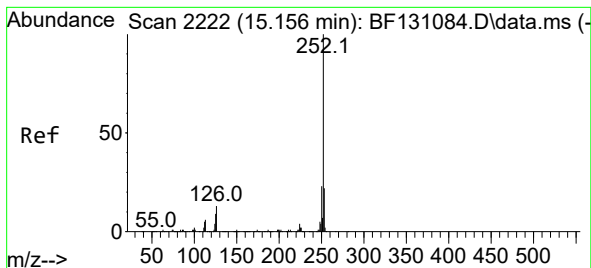
Ion Ratio Lower Upper

252 100

253 28.9 17.3 25.9#

125 19.7 7.2 10.8#





#89

Benzo(k)fluoranthene

Concen: 11.833 ng

RT: 15.127 min Scan# 2217

Delta R.T. -0.012 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

Instrument :

BNA_F

ClientSampleId :

CL-1-110922

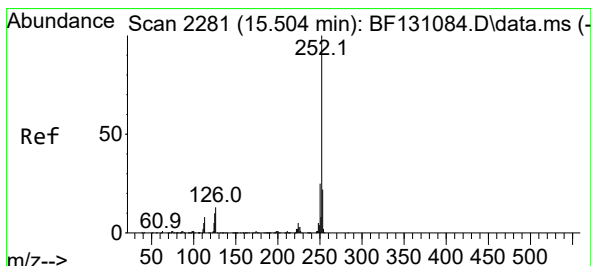
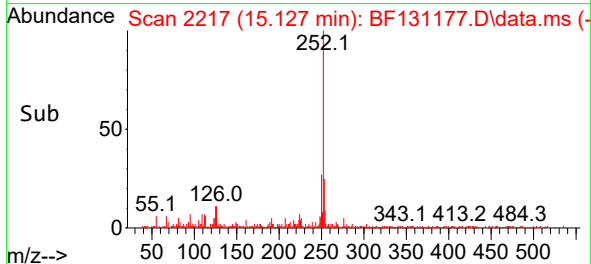
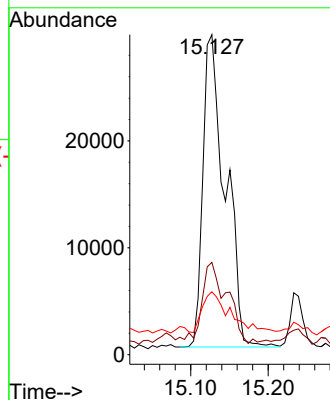
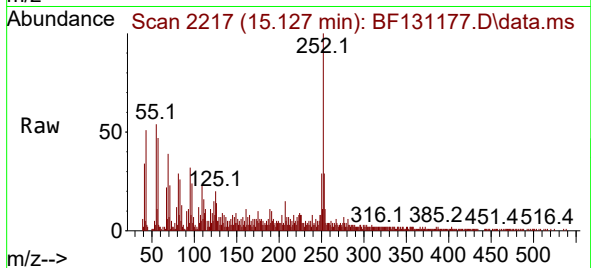
Tgt Ion:252 Resp: 58710

Ion Ratio Lower Upper

252 100

253 28.9 17.6 26.4#

125 19.7 7.5 11.3#



#90

Benzo(a)pyrene

Concen: 5.378 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.023 min

Lab File: BF131177.D

Acq: 12 Nov 2022 04:16

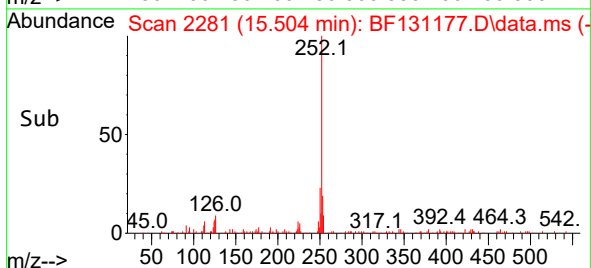
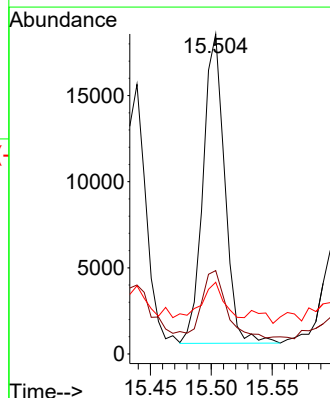
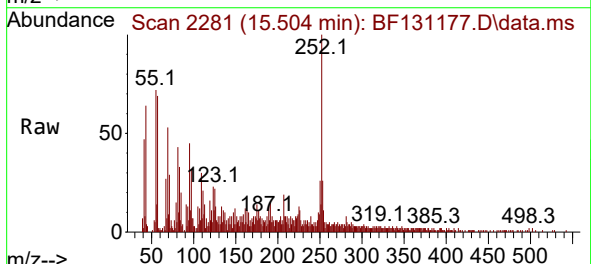
Tgt Ion:252 Resp: 22255

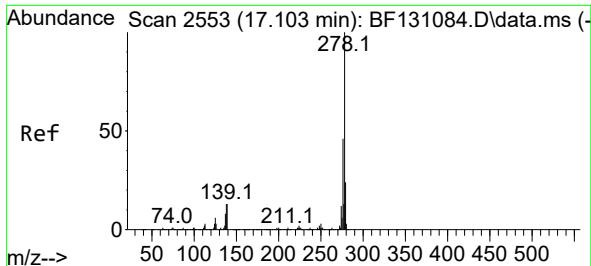
Ion Ratio Lower Upper

252 100

253 26.0 17.8 26.8

125 22.4 8.1 12.1#

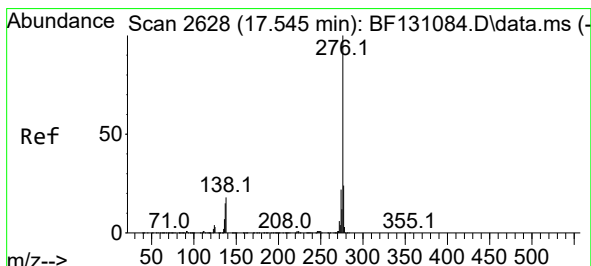
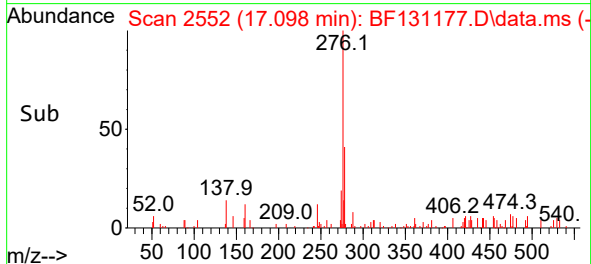
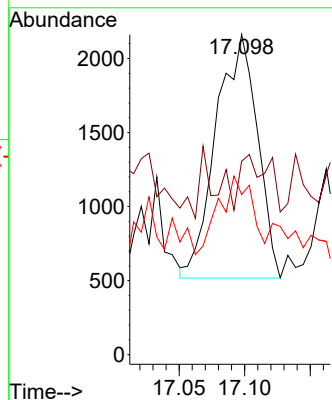
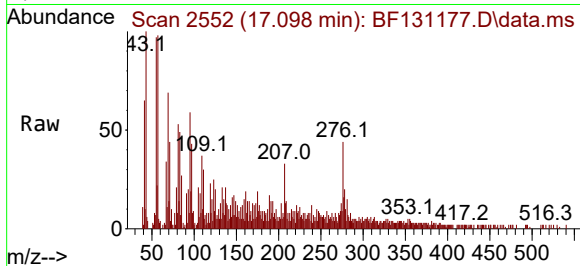




#91
Dibenzo(a,h)anthracene
Concen: 4.523 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF131177.D
Acq: 12 Nov 2022 04:16

Instrument :
BNA_F
ClientSampleId :
CL-1-110922

Tgt Ion:278 Resp: 3600
Ion Ratio Lower Upper
278 100
139 60.4 10.8 16.2#
279 50.0 19.2 28.8#



#92
Benzo(g,h,i)perylene
Concen: 6.818 ng
RT: 17.545 min Scan# 2628
Delta R.T. 0.029 min
Lab File: BF131177.D
Acq: 12 Nov 2022 04:16

Tgt Ion:276 Resp: 13850
Ion Ratio Lower Upper
276 100
277 30.1 19.0 28.4#
138 24.2 14.6 21.8#

