

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127053.D
 Acq On : 23 Feb 2022 21:55
 Operator : CG\JU
 Sample : N1626-06 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-B3

Quant Time: Feb 24 02:17:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

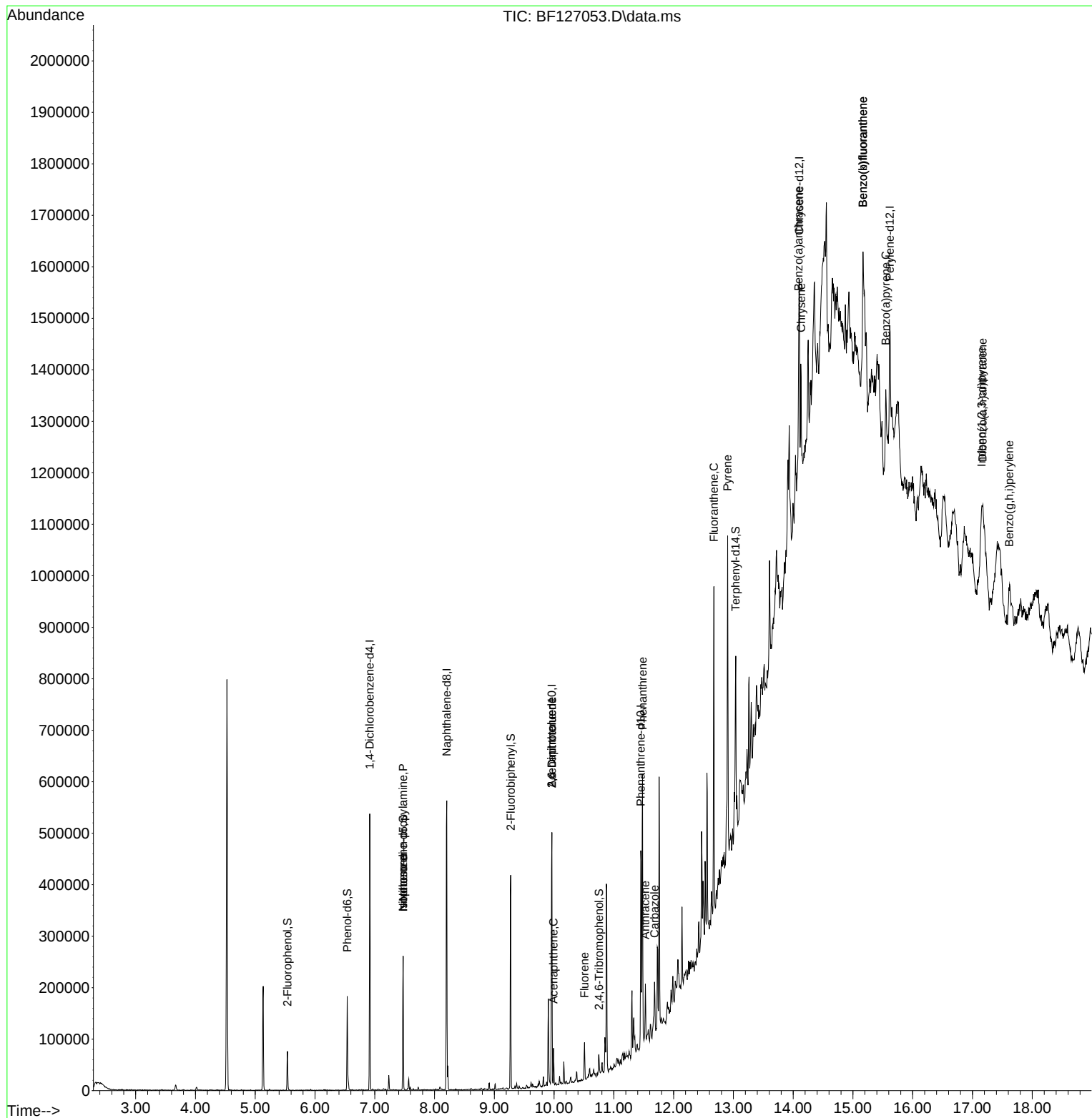
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	62806	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	219438	20.000	ng	# 0.01
39) Acenaphthene-d10	9.963	164	89531	20.000	ng	0.01
64) Phenanthrene-d10	11.451	188	132330	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	96980	20.000	ng	# 0.02
86) Perylene-d12	15.615	264	75150	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	16798	4.134	ng	0.01
7) Phenol-d6	6.540	99	45130	8.231	ng	0.00
23) Nitrobenzene-d5	7.475	82	68290	14.047	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	3164	3.069	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	108118	17.778	ng	0.00
79) Terphenyl-d14	13.039	244	91454	13.863	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	9448	2.674	ng	# 88
25) Isophorone	7.475	82	67921	8.443	ng	# 69
51) 2,6-Dinitrotoluene	9.963	165	12002	9.218	ng	# 22
52) Acenaphthene	9.992	154	11528	2.075	ng	93
57) 2,4-Dinitrotoluene	9.963	165	12002	6.818	ng	# 16
58) Fluorene	10.510	166	15470	2.599	ng	97
71) Phenanthrene	11.480	178	165454	22.338	ng	99
72) Anthracene	11.527	178	38492	5.220	ng	98
73) Carbazole	11.680	167	16673	2.466	ng	# 92
75) Fluoranthene	12.674	202	205887	29.275	ng	90
78) Pyrene	12.904	202	165157	19.602	ng	98
81) Benzo(a)anthracene	14.092	228	80854	12.367	ng	98
83) Chrysene	14.133	228	68326	11.113	ng	96
87) Indeno(1,2,3-cd)pyrene	17.151	276	29999	6.088	ng	# 84
88) Benzo(b)fluoranthene	15.168	252	103450	20.496	ng	# 74
89) Benzo(k)fluoranthene	15.168	252	103450	21.250	ng	# 73
90) Benzo(a)pyrene	15.551	252	50978	12.930	ng	# 69
91) Dibenzo(a,h)anthracene	17.168	278	8390	2.059	ng	# 1
92) Benzo(g,h,i)perylene	17.615	276	27245	6.781	ng	# 88

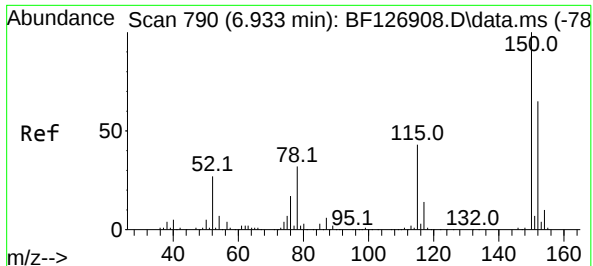
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127053.D
Acq On : 23 Feb 2022 21:55
Operator : CG\JU
Sample : N1626-06 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-B3

Quant Time: Feb 24 02:17:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 24 02:10:57 2022
Response via : Initial Calibration

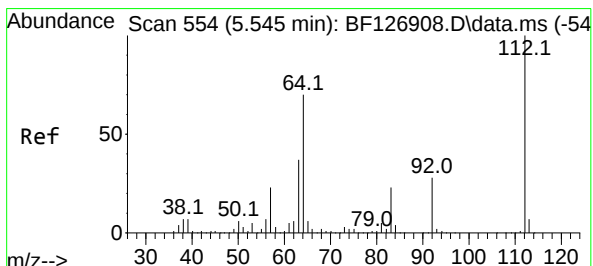
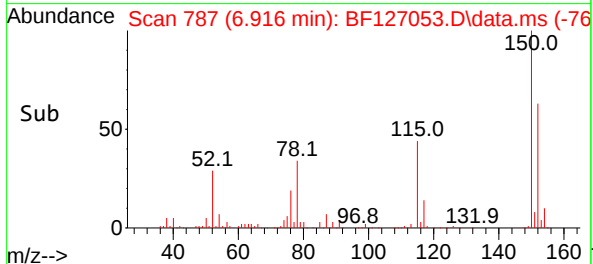
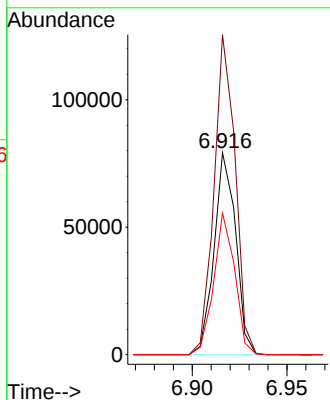
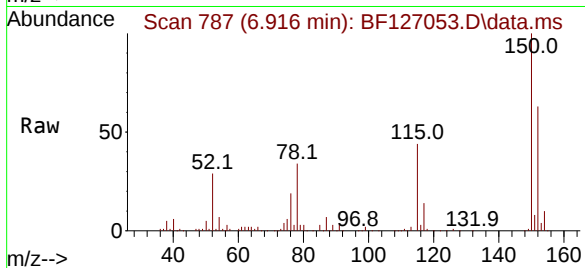




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

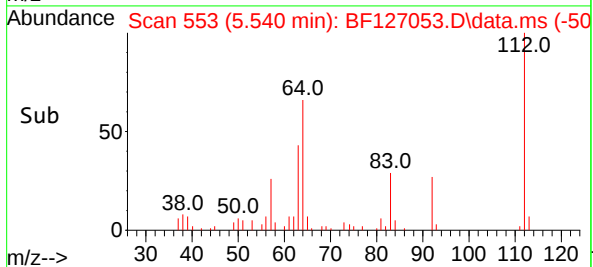
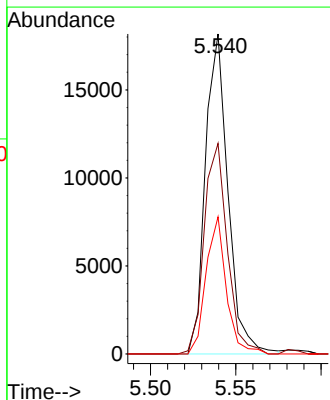
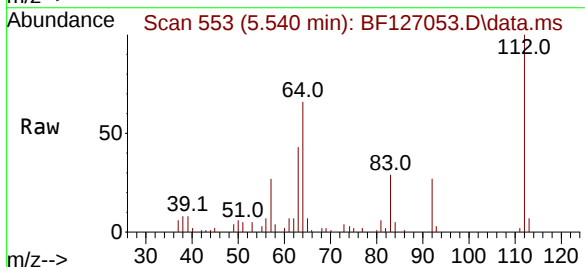
Instrument :
BNA_F
ClientSampleId :
CC-B3

Tgt Ion:152 Resp: 62806
Ion Ratio Lower Upper
152 100
150 158.4 128.1 192.1
115 70.2 56.7 85.1



#5
2-Fluorophenol
Concen: 4.134 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

Tgt Ion:112 Resp: 16798
Ion Ratio Lower Upper
112 100
64 65.8 49.5 74.3
63 42.9 23.9 35.9#

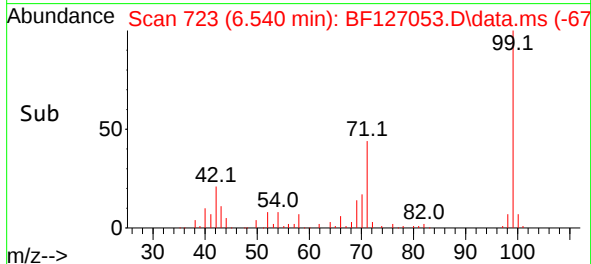
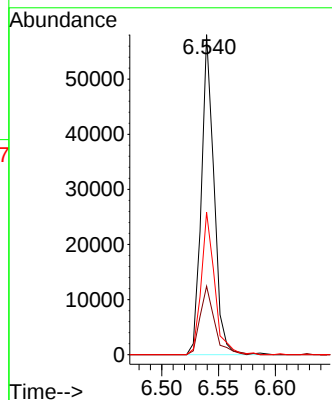
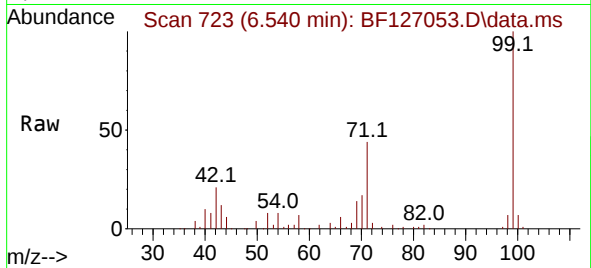




#7
Phenol-d6
Concen: 8.231 ng
RT: 6.540 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

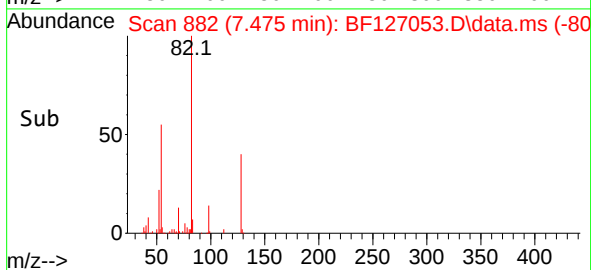
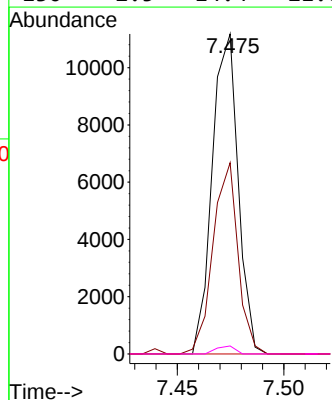
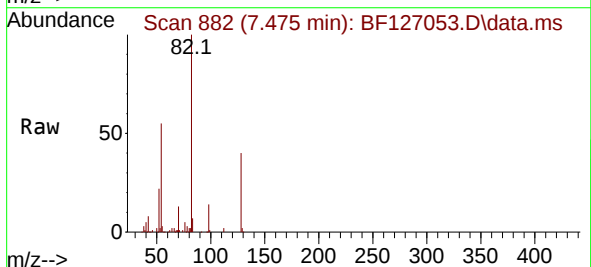
Instrument :
BNA_F
ClientSampleId :
CC-B3

Tgt Ion: 99 Resp: 45130
Ion Ratio Lower Upper
99 100
42 21.4 14.2 21.4#
71 44.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 2.674 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.153 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

Tgt Ion: 70 Resp: 9448
Ion Ratio Lower Upper
70 100
42 59.8 45.8 68.8
101 0.0 6.9 10.3#
130 2.5 14.4 21.6#

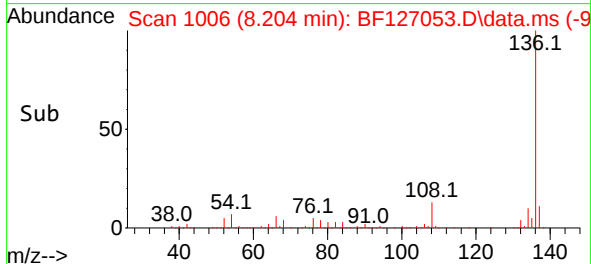
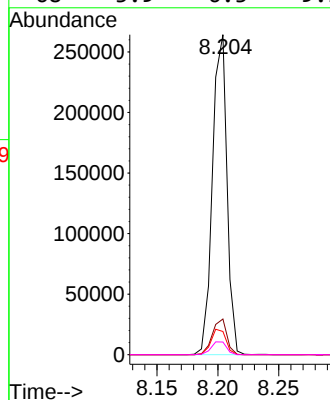
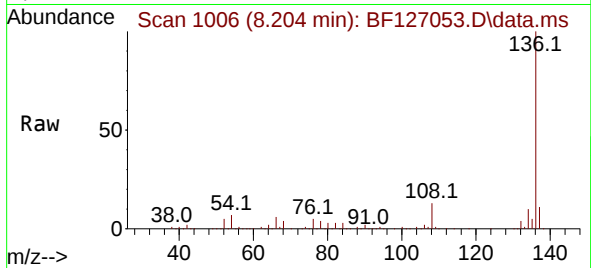




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.012 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

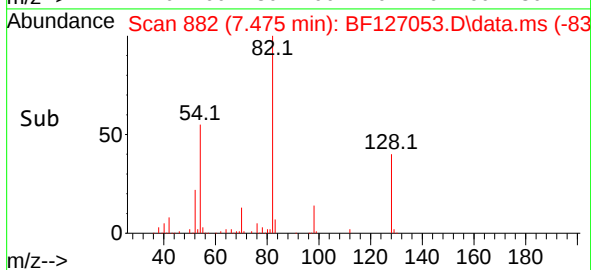
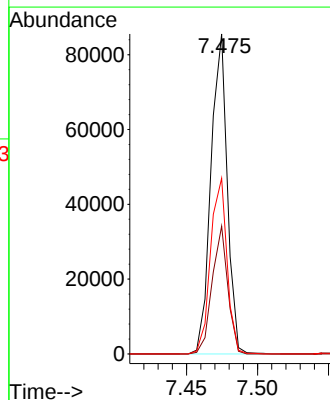
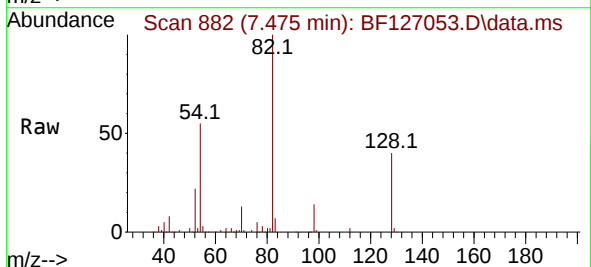
Instrument :
BNA_F
ClientSampleId :
CC-B3

Tgt Ion:136 Resp: 219438
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.3 7.8 11.6#
68 3.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 14.047 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

Tgt Ion: 82 Resp: 68290
Ion Ratio Lower Upper
82 100
128 39.9 32.7 49.1
54 54.9 41.7 62.5

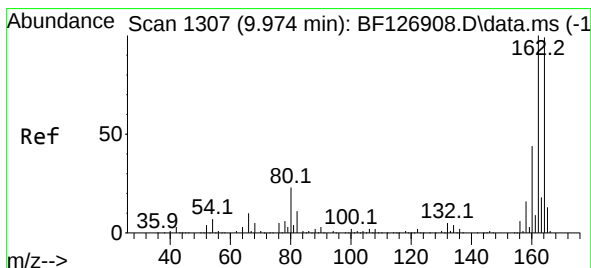
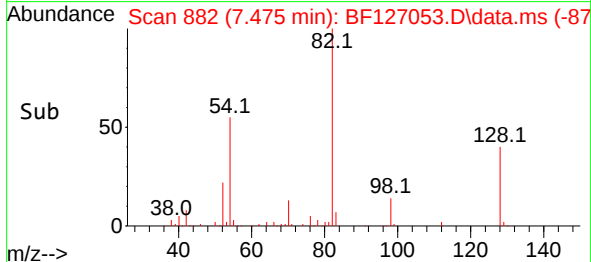
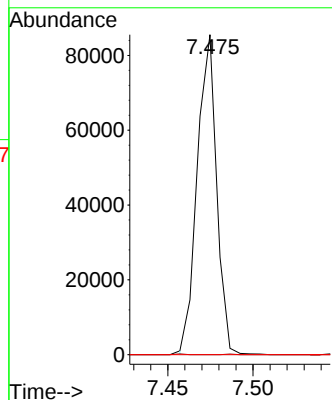
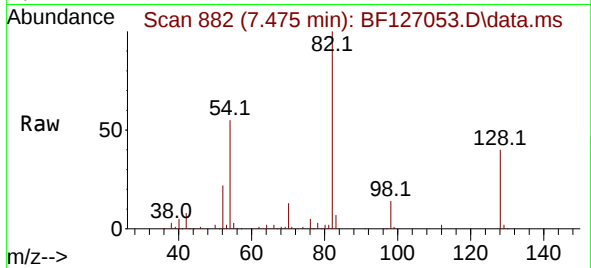




#25
Isophorone
Concen: 8.443 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

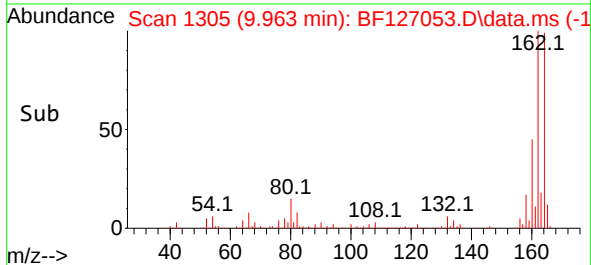
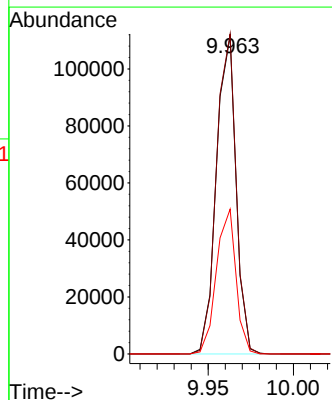
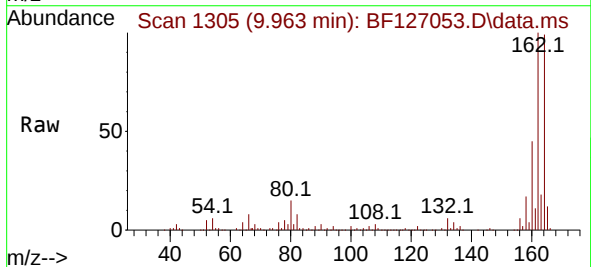
Instrument :
BNA_F
ClientSampleId :
CC-B3

Tgt Ion: 82 Resp: 67921
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.012 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

Tgt Ion:164 Resp: 89531
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 45.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 3.069 ng

RT: 10.751 min Scan# 1442

Delta R.T. 0.006 min

Lab File: BF127053.D

Acq: 23 Feb 2022 21:55

Instrument :

BNA_F

ClientSampleId :

CC-B3

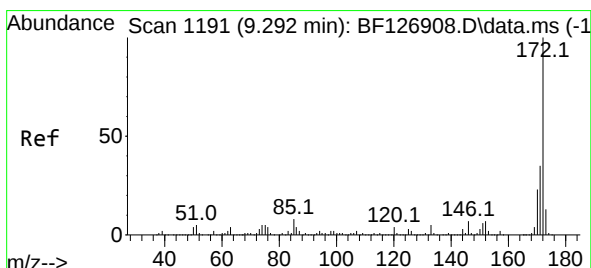
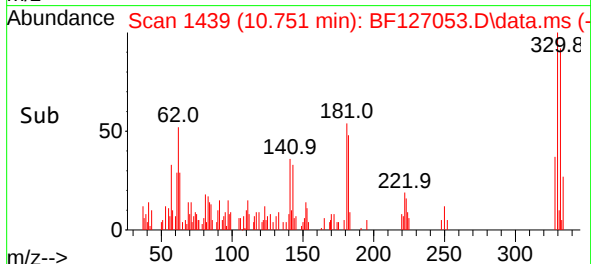
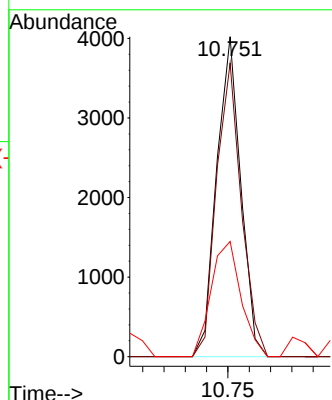
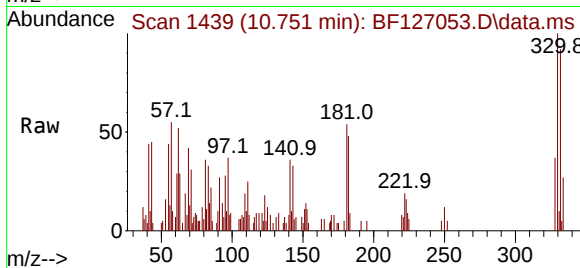
Tgt Ion:330 Resp: 3164

Ion Ratio Lower Upper

330 100

332 94.5 76.0 114.0

141 44.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 17.778 ng

RT: 9.275 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF127053.D

Acq: 23 Feb 2022 21:55

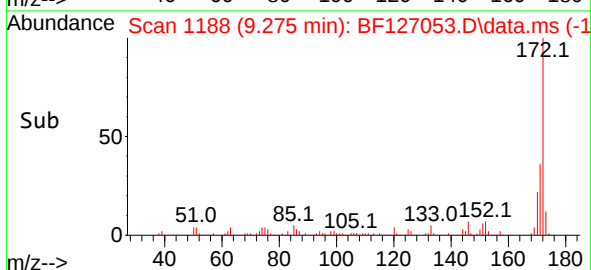
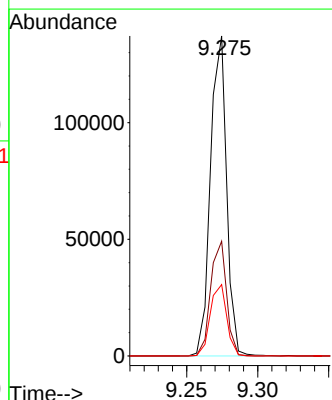
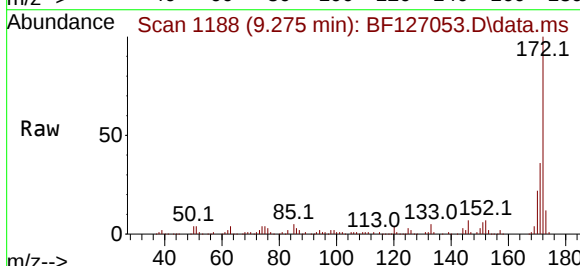
Tgt Ion:172 Resp: 108118

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 22.3 19.0 28.6

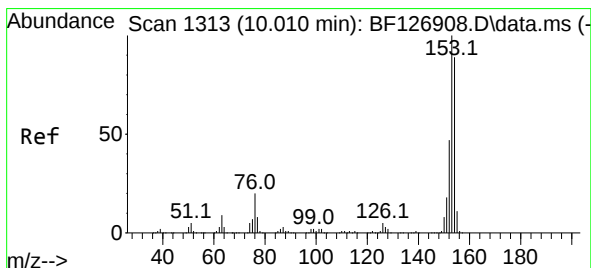
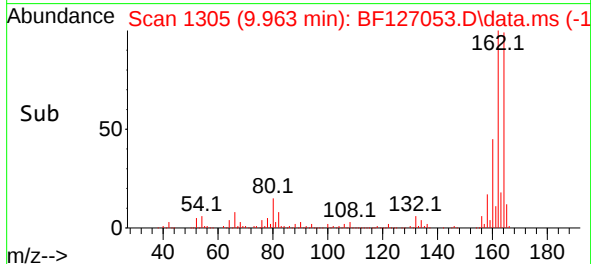
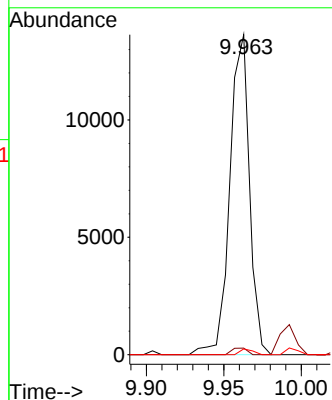
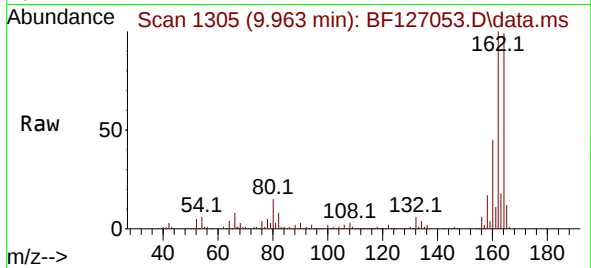




#51
2,6-Dinitrotoluene
Concen: 9.218 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.229 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

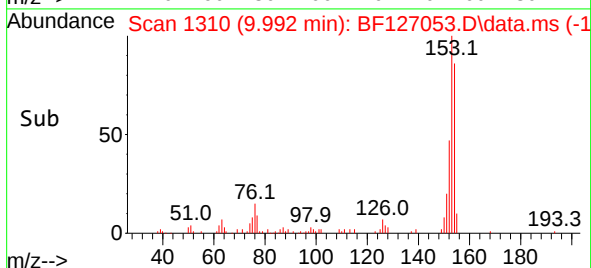
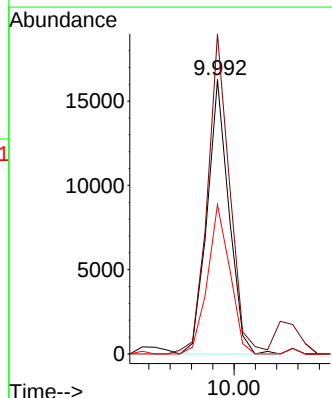
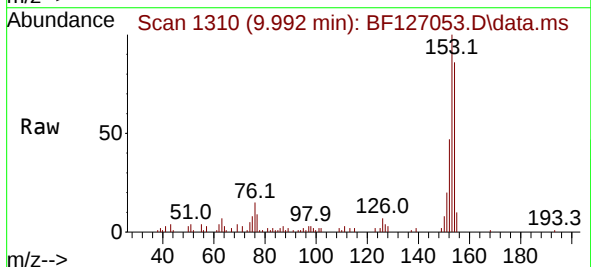
Instrument :
BNA_F
ClientSampleId :
CC-B3

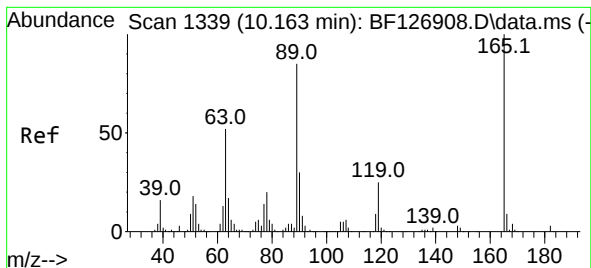
Tgt Ion:165 Resp: 12002
Ion Ratio Lower Upper
165 100
63 2.1 48.4 72.6#
89 1.8 50.5 75.7#



#52
Acenaphthene
Concen: 2.075 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

Tgt Ion:154 Resp: 11528
Ion Ratio Lower Upper
154 100
153 116.6 87.8 131.6
152 54.4 39.4 59.2

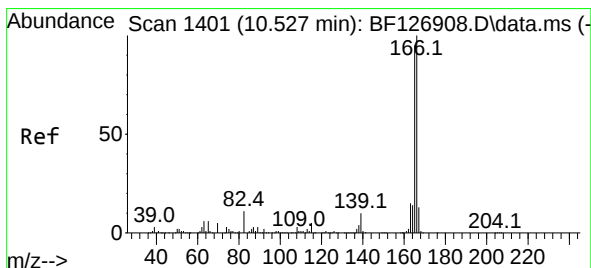
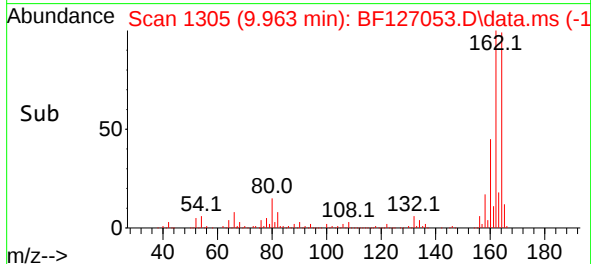
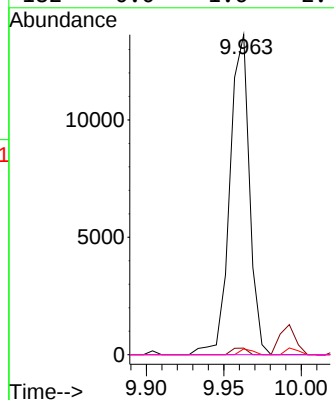
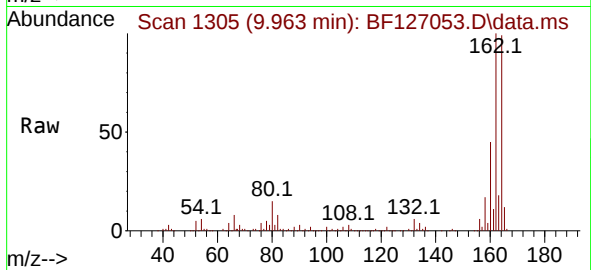




#57
2,4-Dinitrotoluene
Concen: 6.818 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.176 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

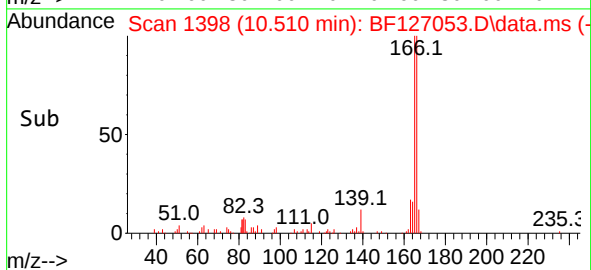
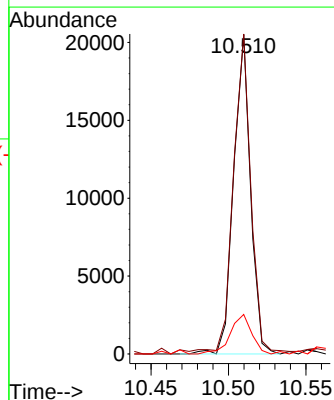
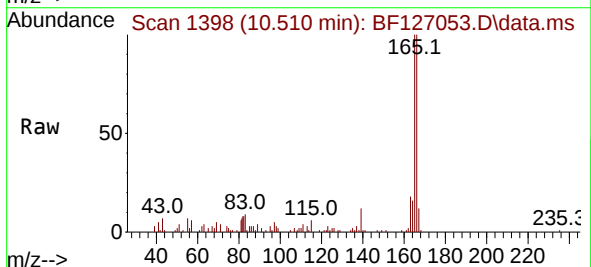
Instrument :
BNA_F
ClientSampleId :
CC-B3

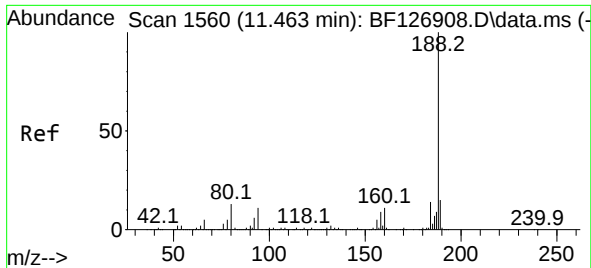
Tgt Ion:165 Resp: 12002
Ion Ratio Lower Upper
165 100
63 2.1 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#



#58
Fluorene
Concen: 2.599 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

Tgt Ion:166 Resp: 15470
Ion Ratio Lower Upper
166 100
165 100.2 77.7 116.5
167 12.4 10.7 16.1

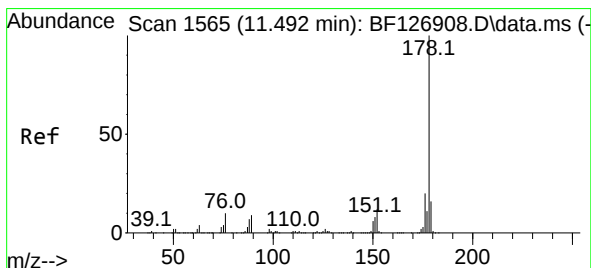
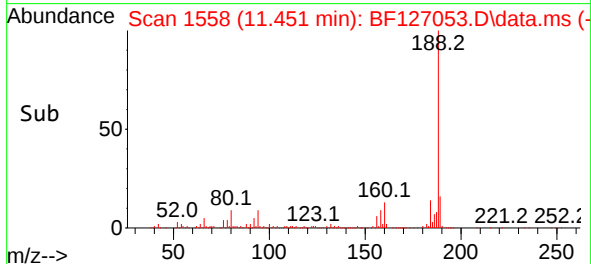
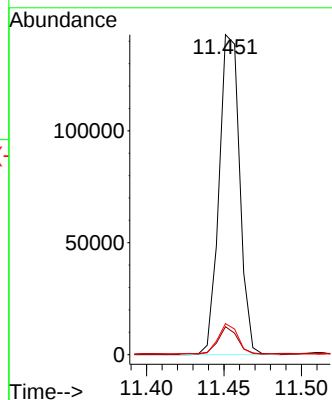
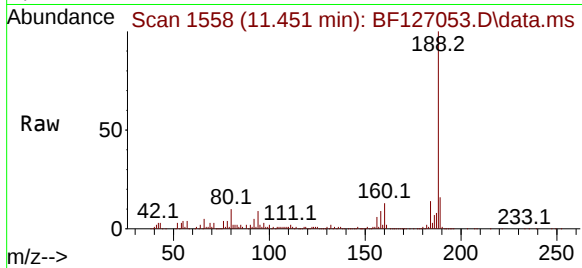




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

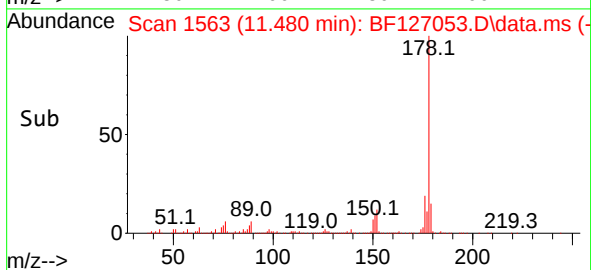
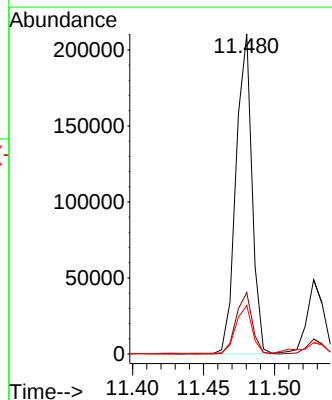
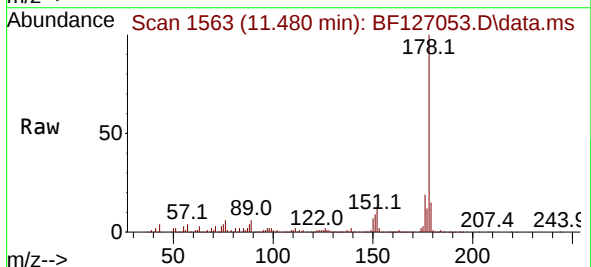
Instrument :
BNA_F
ClientSampleId :
CC-B3

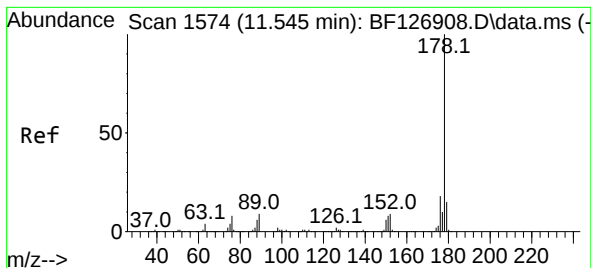
Tgt Ion:188 Resp: 132330
Ion Ratio Lower Upper
188 100
94 8.8 10.1 15.1#
80 9.7 11.8 17.6#



#71
Phenanthrene
Concen: 22.338 ng
RT: 11.480 min Scan# 1563
Delta R.T. 0.012 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

Tgt Ion:178 Resp: 165454
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.2 12.3 18.5





#72

Anthracene

Concen: 5.220 ng

RT: 11.527 min Scan# 1597

Delta R.T. 0.006 min

Lab File: BF127053.D

Acq: 23 Feb 2022 21:55

Instrument :

BNA_F

ClientSampleId :

CC-B3

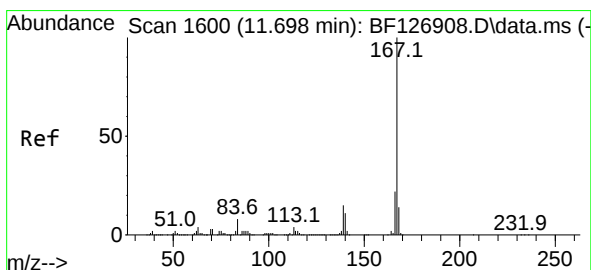
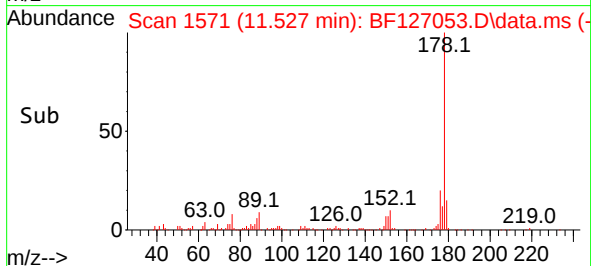
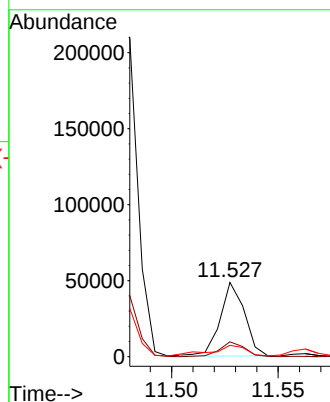
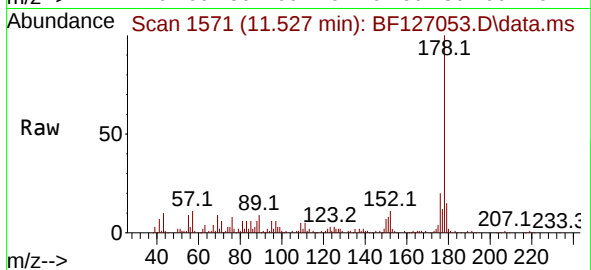
Tgt Ion:178 Resp: 38492

Ion Ratio Lower Upper

178 100

176 20.1 15.0 22.6

179 15.2 12.5 18.7



#73

Carbazole

Concen: 2.466 ng

RT: 11.680 min Scan# 1597

Delta R.T. 0.006 min

Lab File: BF127053.D

Acq: 23 Feb 2022 21:55

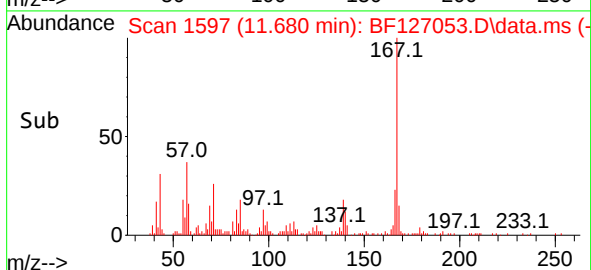
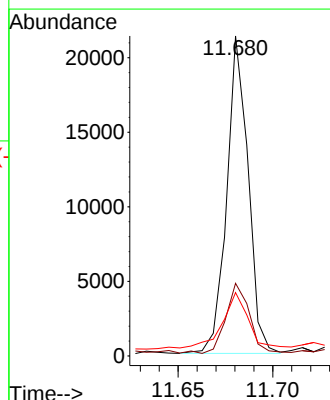
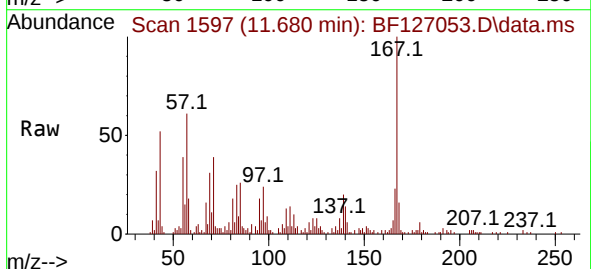
Tgt Ion:167 Resp: 16673

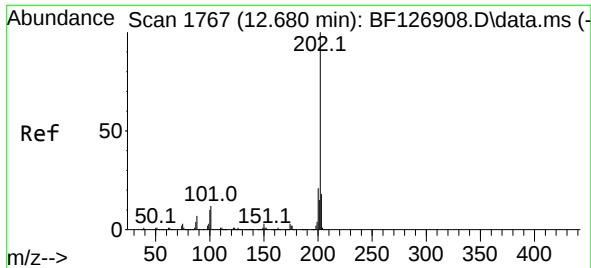
Ion Ratio Lower Upper

167 100

166 22.7 16.9 25.3

139 19.8 11.3 16.9#

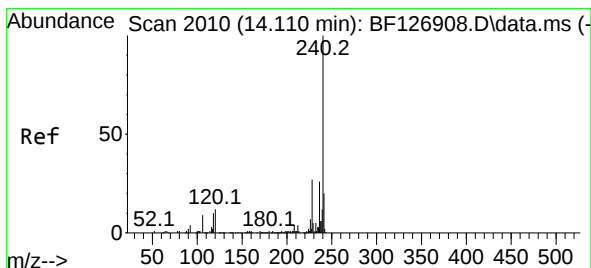
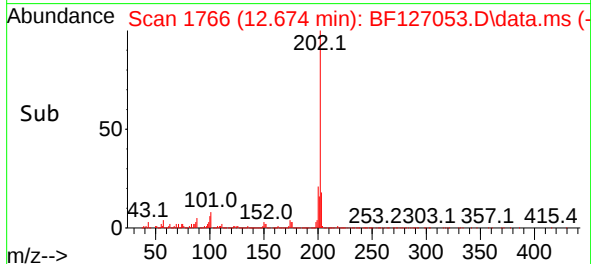
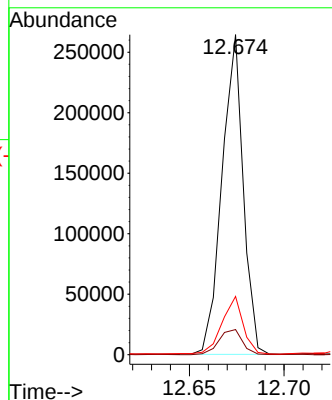
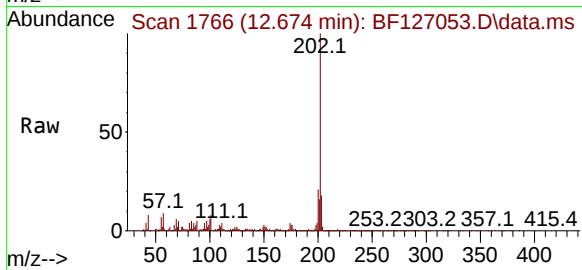




#75
Fluoranthene
Concen: 29.275 ng
RT: 12.674 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

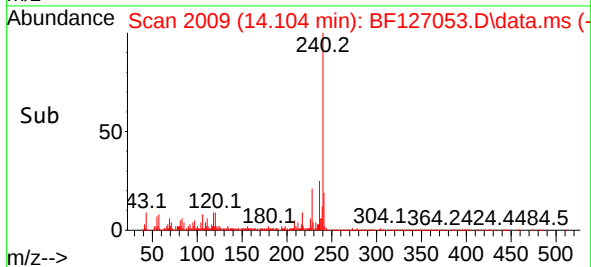
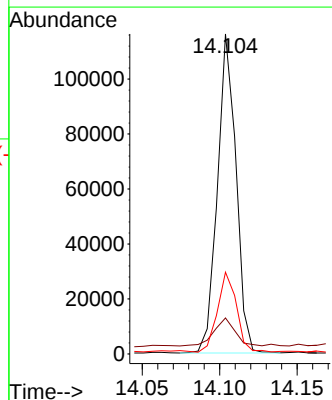
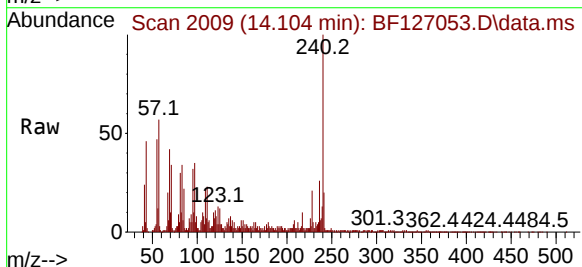
Instrument :
BNA_F
ClientSampleId :
CC-B3

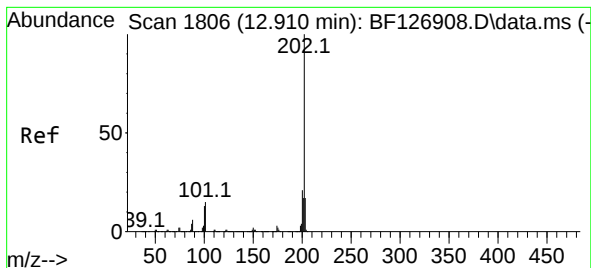
Tgt Ion:202 Resp: 205887
Ion Ratio Lower Upper
202 100
101 7.9 0.0 35.7
203 18.2 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.018 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

Tgt Ion:240 Resp: 96980
Ion Ratio Lower Upper
240 100
120 11.2 14.4 21.6#
236 25.6 20.5 30.7





#78

Pyrene

Concen: 19.602 ng

RT: 12.904 min Scan# 1805

Delta R.T. 0.012 min

Lab File: BF127053.D

Acq: 23 Feb 2022 21:55

Instrument :

BNA_F

ClientSampleId :

CC-B3

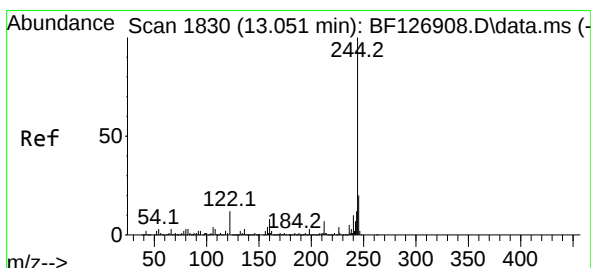
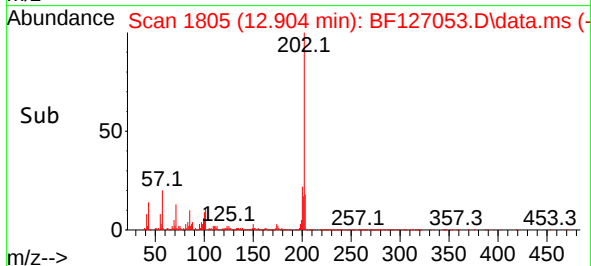
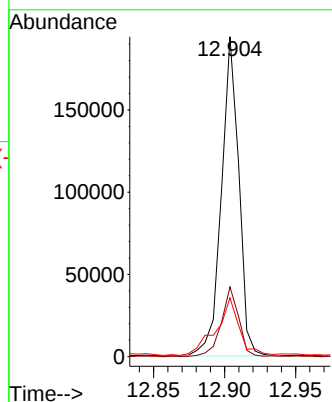
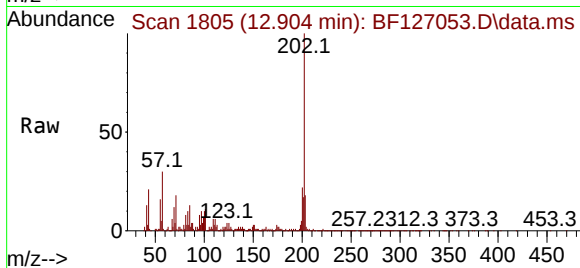
Tgt Ion:202 Resp: 165157

Ion Ratio Lower Upper

202 100

200 21.8 16.6 24.8

203 18.4 13.8 20.8



#79

Terphenyl-d14

Concen: 13.863 ng

RT: 13.039 min Scan# 1828

Delta R.T. 0.012 min

Lab File: BF127053.D

Acq: 23 Feb 2022 21:55

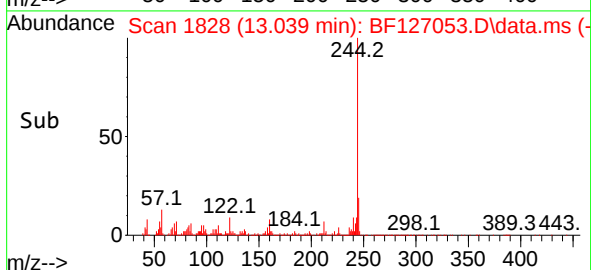
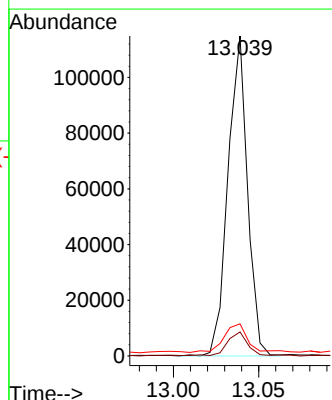
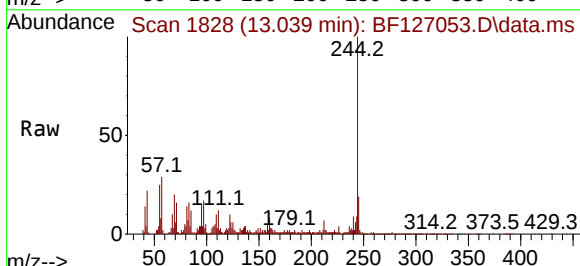
Tgt Ion:244 Resp: 91454

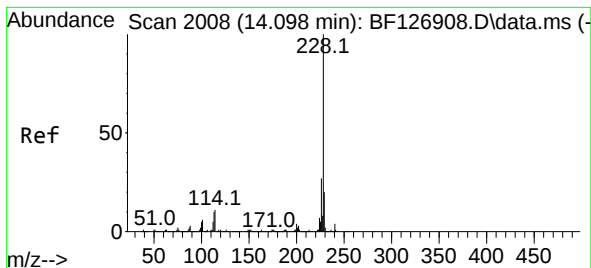
Ion Ratio Lower Upper

244 100

212 7.5 5.0 7.4#

122 10.0 13.3 19.9#





#81

Benzo(a)anthracene

Concen: 12.367 ng

RT: 14.092 min Scan# 2008

Delta R.T. 0.012 min

Lab File: BF127053.D

Acq: 23 Feb 2022 21:55

Instrument :

BNA_F

ClientSampleId :

CC-B3

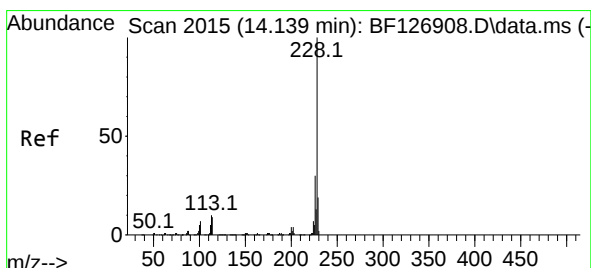
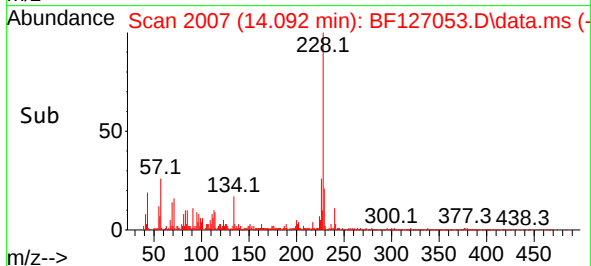
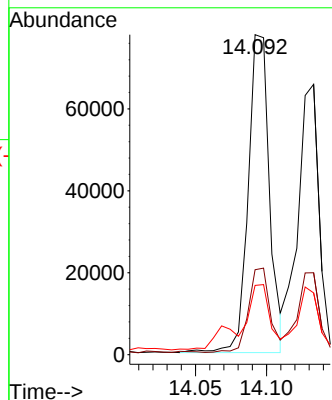
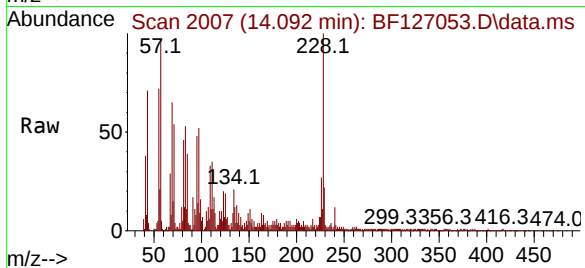
Tgt Ion:228 Resp: 80854

Ion Ratio Lower Upper

228 100

226 26.6 21.4 32.0

229 21.6 15.4 23.2



#83

Chrysene

Concen: 11.113 ng

RT: 14.133 min Scan# 2014

Delta R.T. 0.018 min

Lab File: BF127053.D

Acq: 23 Feb 2022 21:55

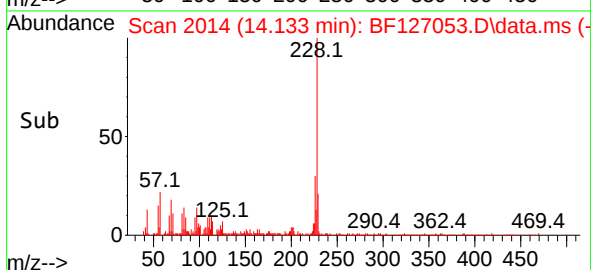
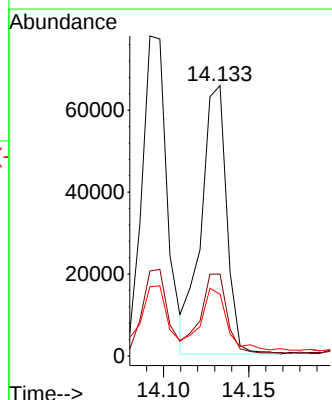
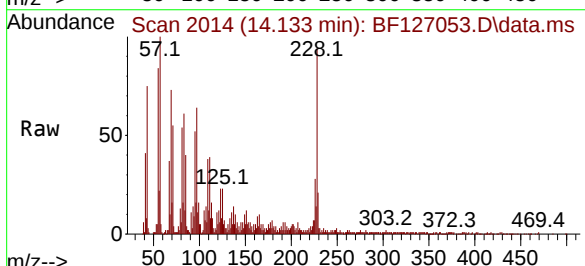
Tgt Ion:228 Resp: 68326

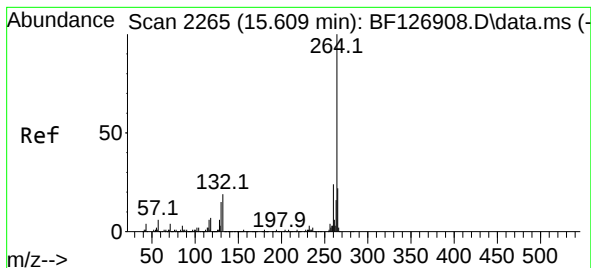
Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

229 22.8 15.5 23.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF127053.D

Acq: 23 Feb 2022 21:55

Instrument :

BNA_F

ClientSampleId :

CC-B3

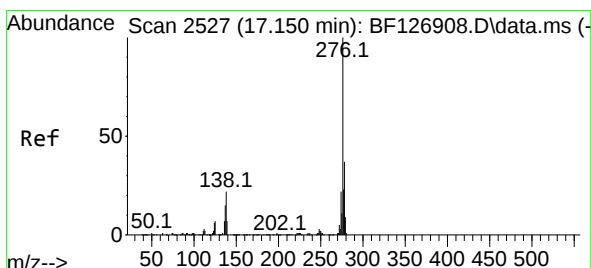
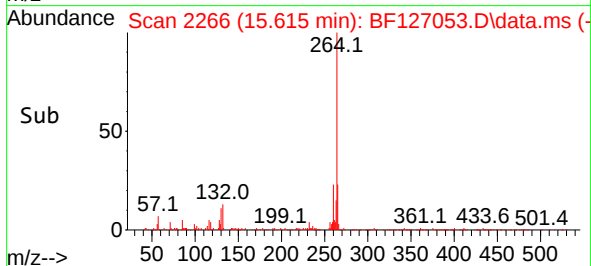
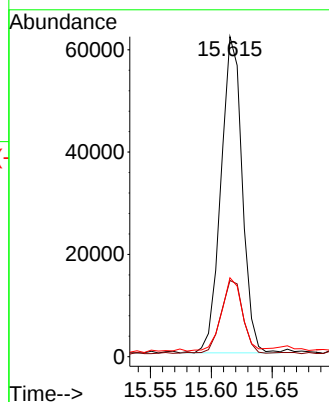
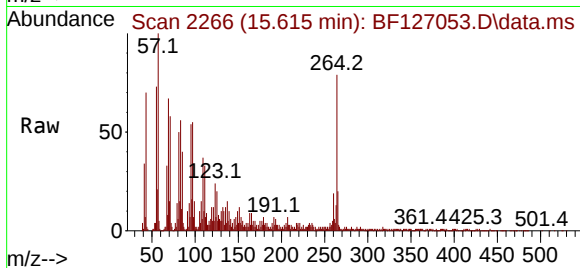
Tgt Ion:264 Resp: 75150

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 24.6 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 6.088 ng

RT: 17.151 min Scan# 2527

Delta R.T. 0.035 min

Lab File: BF127053.D

Acq: 23 Feb 2022 21:55

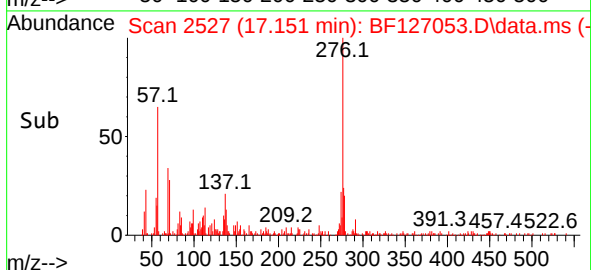
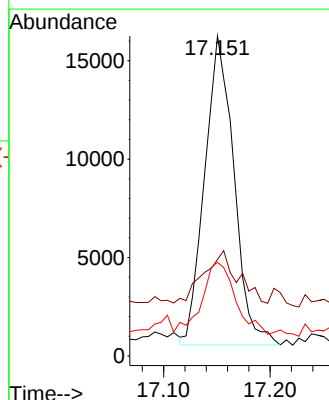
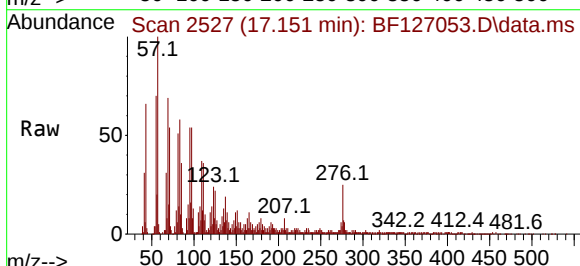
Tgt Ion:276 Resp: 29999

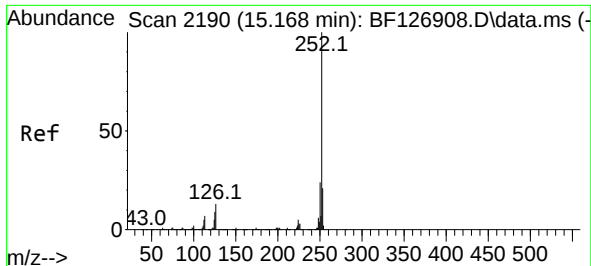
Ion Ratio Lower Upper

276 100

138 20.5 29.2 43.8#

277 24.3 19.8 29.8

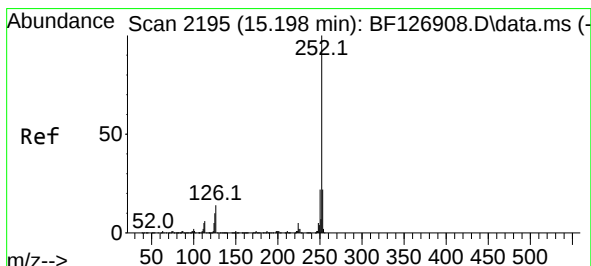
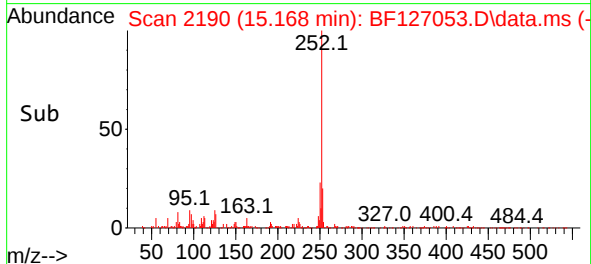
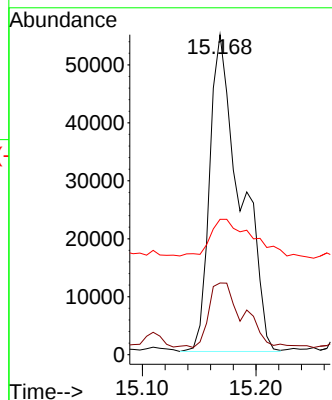
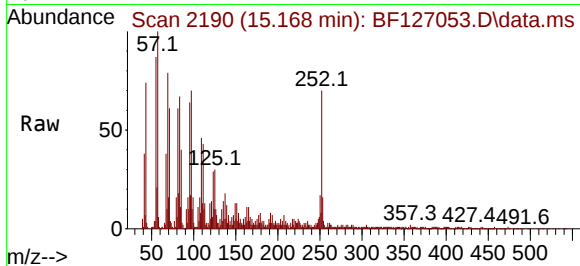




#88
Benzo(b)fluoranthene
Concen: 20.496 ng
RT: 15.168 min Scan# 2190
Delta R.T. 0.024 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

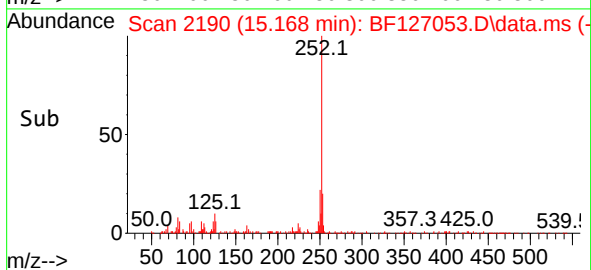
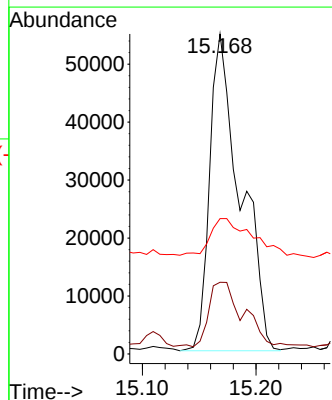
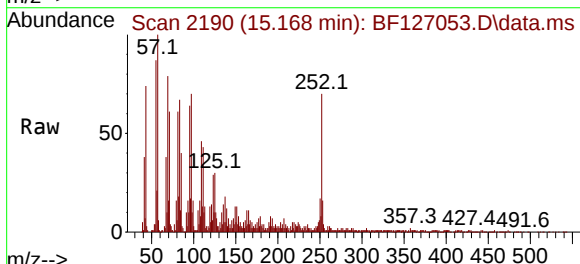
Instrument :
BNA_F
ClientSampleId :
CC-B3

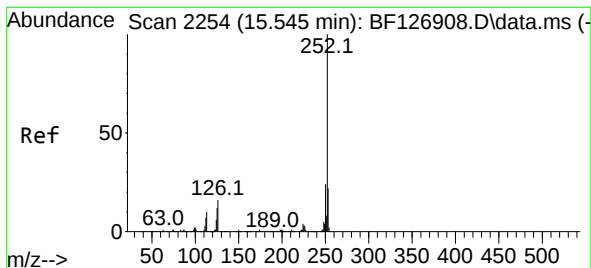
Tgt Ion:252 Resp: 103450
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 42.3 12.4 18.6#



#89
Benzo(k)fluoranthene
Concen: 21.250 ng
RT: 15.168 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF127053.D
Acq: 23 Feb 2022 21:55

Tgt Ion:252 Resp: 103450
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 42.3 11.8 17.6#





#90

Benzo(a)pyrene

Concen: 12.930 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF127053.D

Acq: 23 Feb 2022 21:55

Instrument :

BNA_F

ClientSampleId :

CC-B3

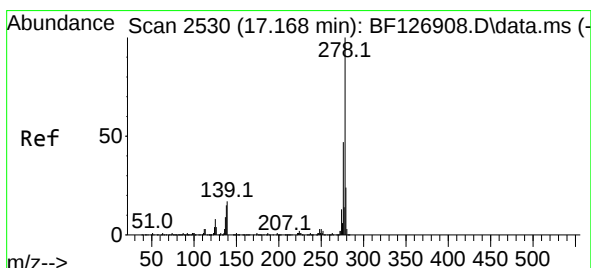
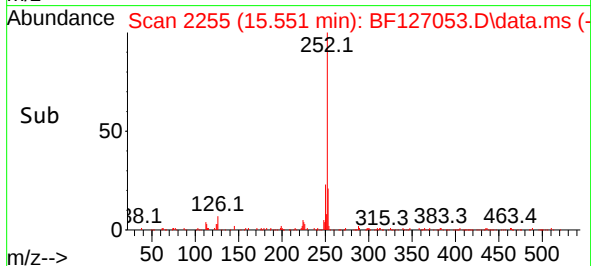
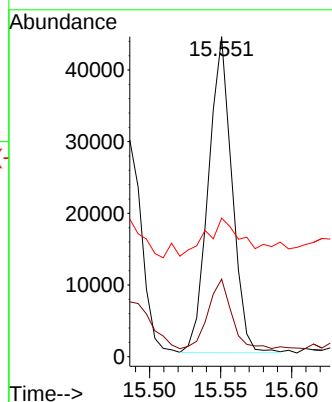
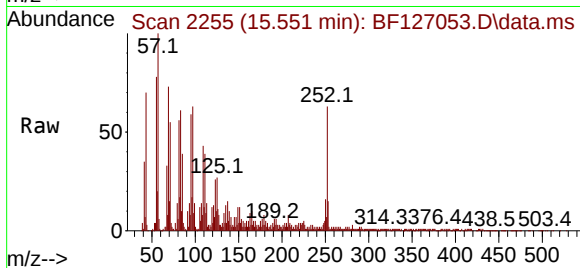
Tgt Ion:252 Resp: 50978

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

125 43.3 13.0 19.6#



#91

Dibenzo(a,h)anthracene

Concen: 2.059 ng

RT: 17.168 min Scan# 2530

Delta R.T. 0.035 min

Lab File: BF127053.D

Acq: 23 Feb 2022 21:55

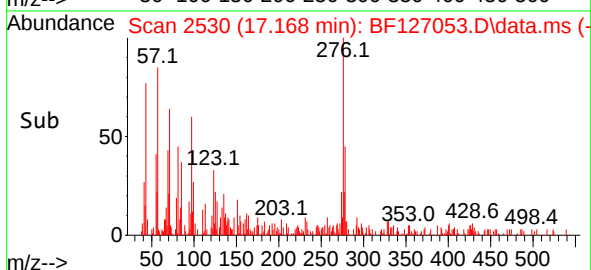
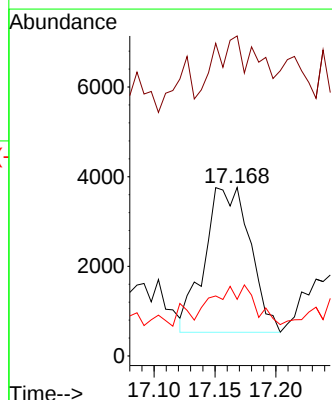
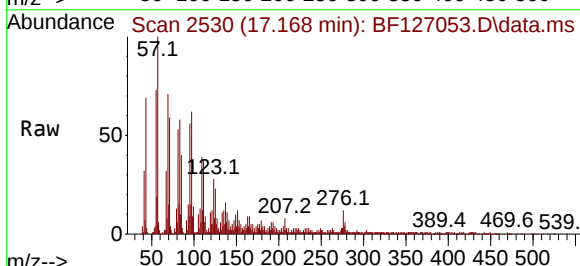
Tgt Ion:278 Resp: 8390

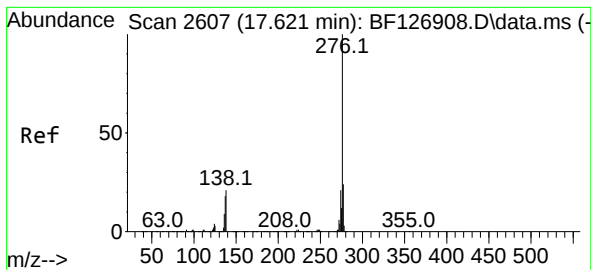
Ion Ratio Lower Upper

278 100

139 190.0 18.0 27.0#

279 33.6 18.6 27.8#





#92

Benzo(g,h,i)perylene

Concen: 6.781 ng

RT: 17.615 min Scan# 20

Delta R.T. 0.035 min

Lab File: BF127053.D

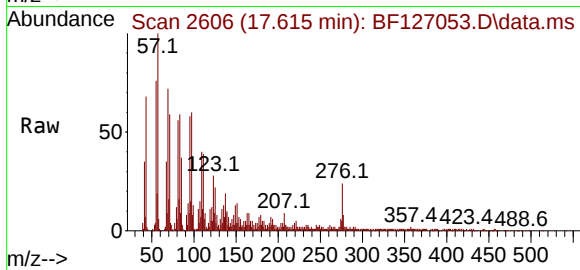
Acq: 23 Feb 2022 21:55

Instrument :

BNA_F

ClientSampleId :

CC-B3



Tgt Ion:276 Resp: 27245

Ion Ratio Lower Upper

276 100

277 33.8 18.5 27.7#

138 34.8 25.9 38.9

