

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128976.D
 Acq On : 24 Jun 2022 02:53
 Operator : CG\JU
 Sample : N3462-07 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-0-2-20220622

Quant Time: Jun 24 04:41:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

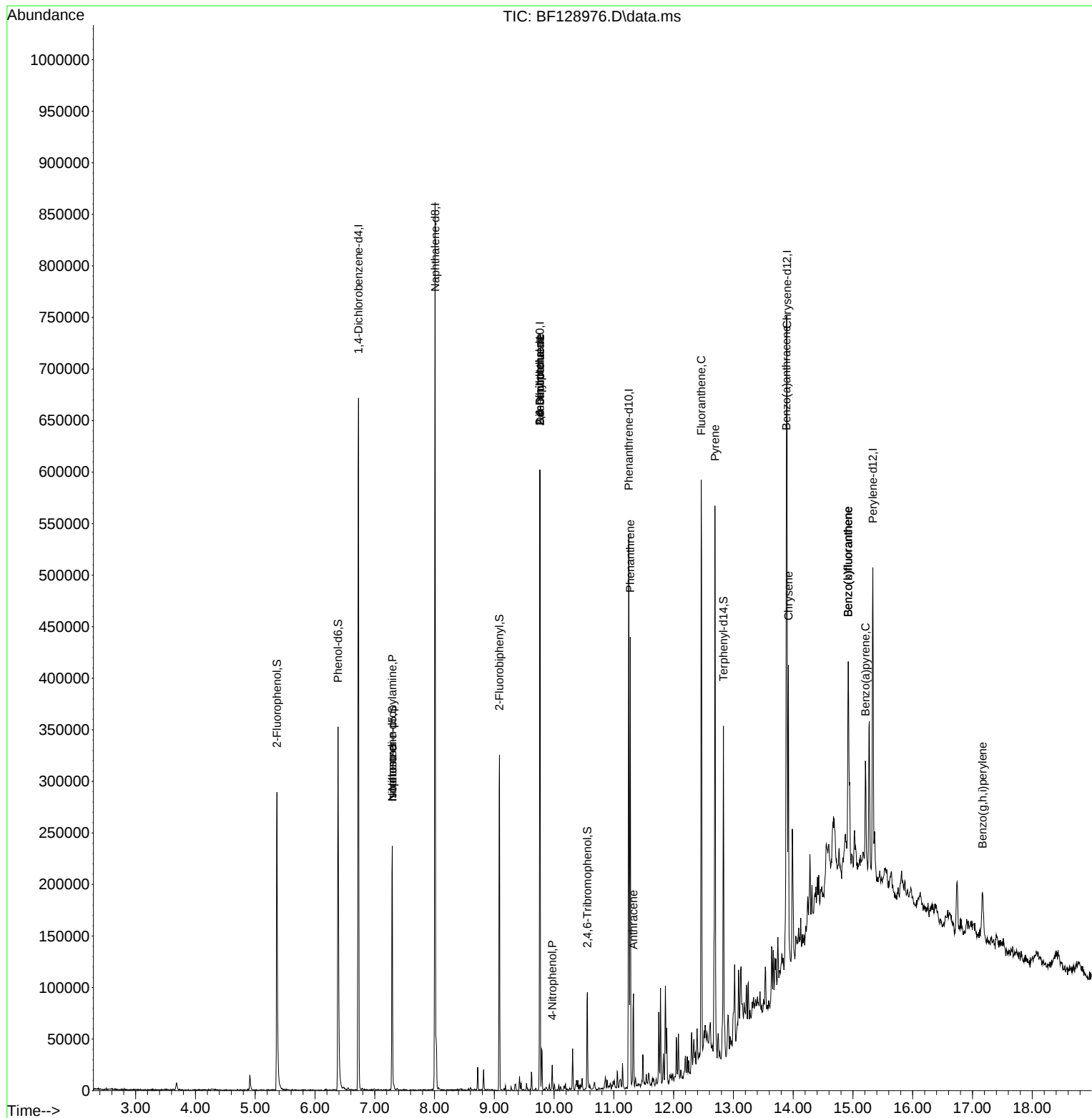
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	94714	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	323377	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	106297	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	180796	20.000	ng	# 0.00
76) Chrysene-d12	13.898	240	177724	20.000	ng	# 0.00
86) Perylene-d12	15.333	264	127344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	83557	14.052	ng	0.00
7) Phenol-d6	6.386	99	111761	15.397	ng	0.00
23) Nitrobenzene-d5	7.292	82	70898	10.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	10237	8.151	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	93799	12.361	ng	0.00
79) Terphenyl-d14	12.833	244	98716	9.652	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.292	70	9081	2.012	ng	# 84
25) Isophorone	7.292	82	69862	6.623	ng	# 65
50) Dimethylphthalate	9.763	163	19350	2.660	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	14049	9.783	ng	# 26
56) 4-Nitrophenol	9.969	139	2949	2.610	ng	# 8
57) 2,4-Dinitrotoluene	9.763	165	14049	7.331	ng	# 22
71) Phenanthrene	11.274	178	143259	15.798	ng	99
72) Anthracene	11.327	178	33255	3.705	ng	99
75) Fluoranthene	12.463	202	219467	23.153	ng	97
78) Pyrene	12.692	202	211756	16.015	ng	97
81) Benzo(a)anthracene	13.886	228	117191	10.579	ng	100
83) Chrysene	13.921	228	109313	10.350	ng	98
88) Benzo(b)fluoranthene	14.921	252	133769	16.439	ng	97
89) Benzo(k)fluoranthene	14.921	252	133769	17.476	ng	97
90) Benzo(a)pyrene	15.209	252	46485	7.268	ng	98
92) Benzo(g,h,i)perylene	17.168	276	31412	4.978	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128976.D
Acq On : 24 Jun 2022 02:53
Operator : CG\JU
Sample : N3462-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2-0-2-20220622

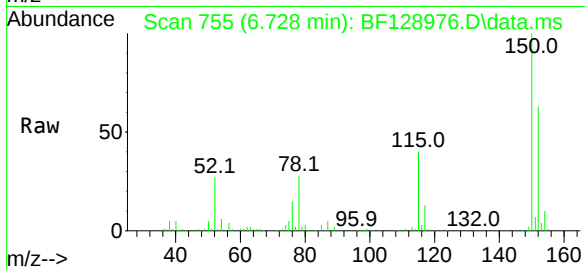
Quant Time: Jun 24 04:41:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 00:50:48 2022
Response via : Initial Calibration



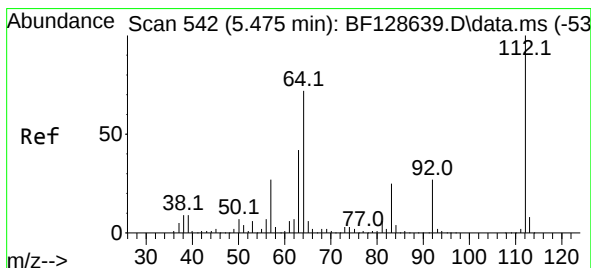
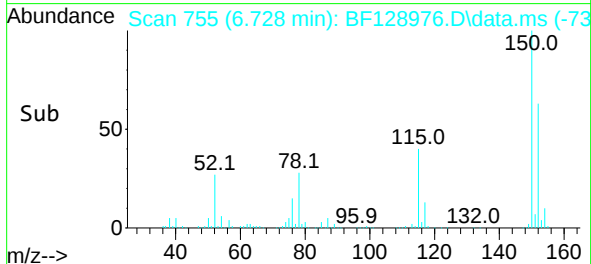
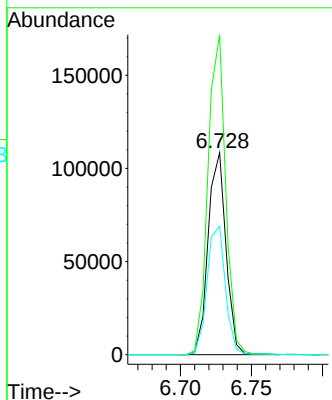


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

Instrument :
BNA_F
ClientSampleId :
SB-2-0-2-20220622

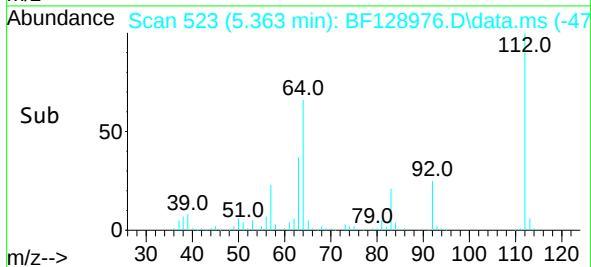
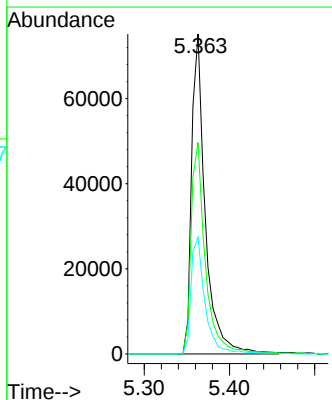
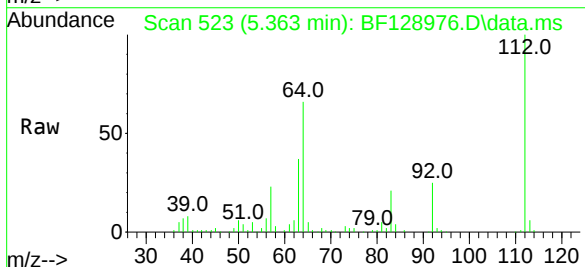


Tgt Ion:152 Resp: 94714
Ion Ratio Lower Upper
152 100
150 158.3 123.7 185.5
115 63.6 49.9 74.9



#5
2-Fluorophenol
Concen: 14.052 ng
RT: 5.363 min Scan# 523
Delta R.T. 0.006 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

Tgt Ion:112 Resp: 83557
Ion Ratio Lower Upper
112 100
64 66.1 53.3 79.9
63 36.5 28.0 42.0

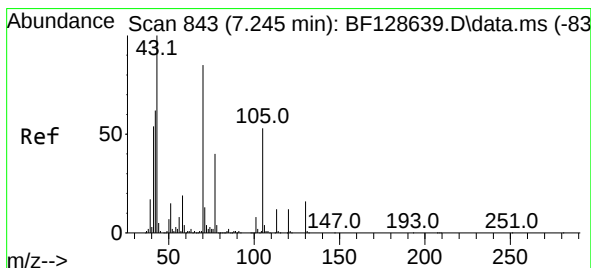
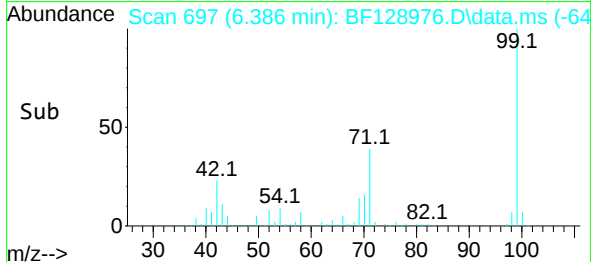
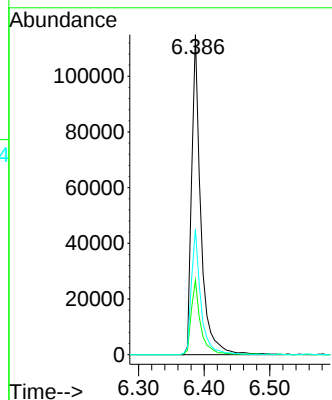
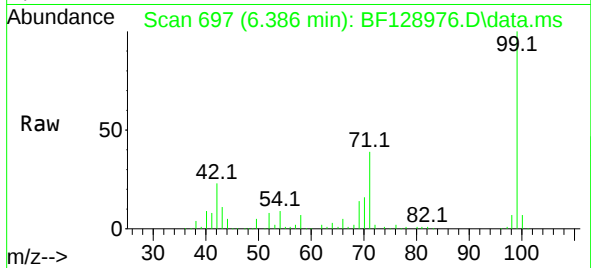




#7
Phenol-d6
Concen: 15.397 ng
RT: 6.386 min Scan# 64
Delta R.T. -0.000 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

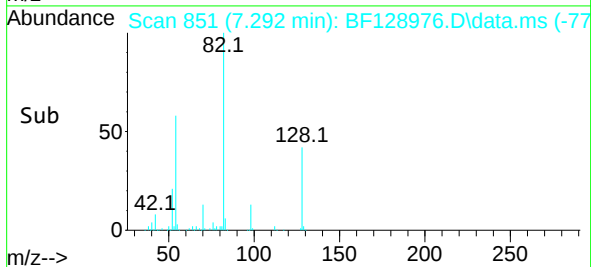
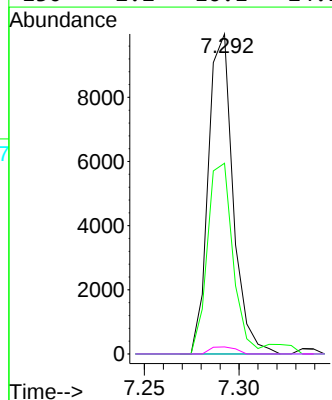
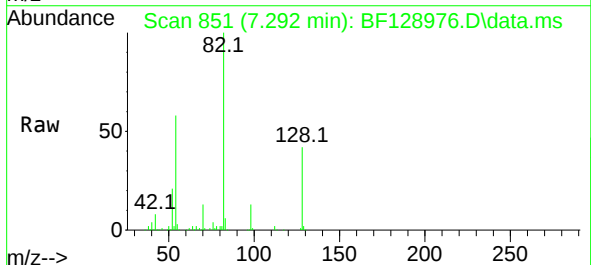
Instrument :
BNA_F
ClientSampleId :
SB-2-0-2-20220622

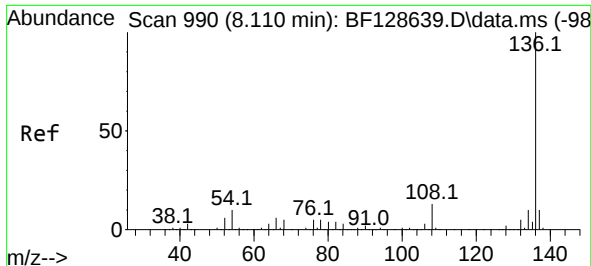
Tgt Ion: 99 Resp: 111761
Ion Ratio Lower Upper
99 100
42 23.3 17.3 25.9
71 39.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.012 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.141 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

Tgt Ion: 70 Resp: 9081
Ion Ratio Lower Upper
70 100
42 59.6 52.3 78.5
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128976.D

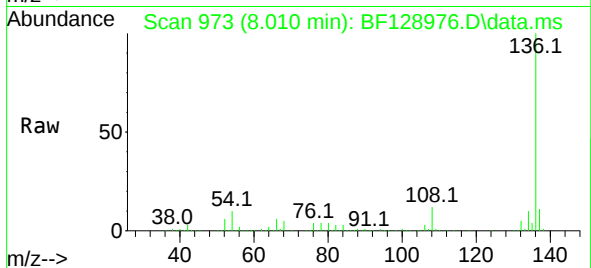
Acq: 24 Jun 2022 02:53

Instrument :

BNA_F

ClientSampleId :

SB-2-0-2-20220622



Tgt Ion:136 Resp: 323377

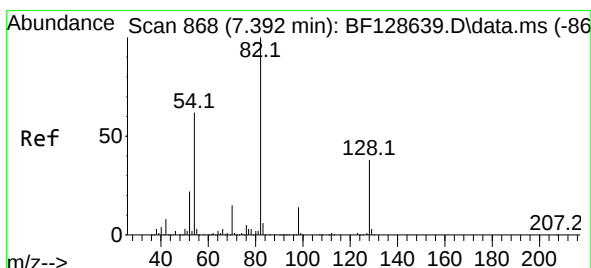
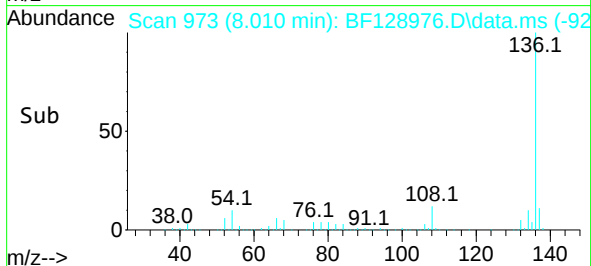
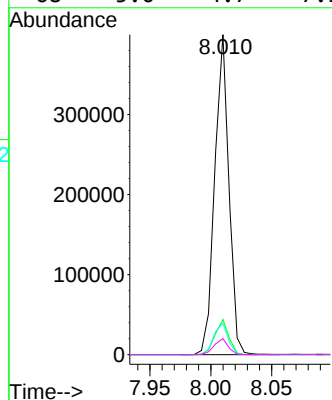
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.8 7.5 11.3

68 5.0 4.7 7.1



#23

Nitrobenzene-d5

Concen: 10.208 ng

RT: 7.292 min Scan# 851

Delta R.T. -0.012 min

Lab File: BF128976.D

Acq: 24 Jun 2022 02:53

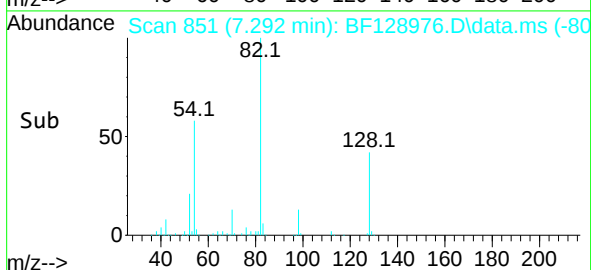
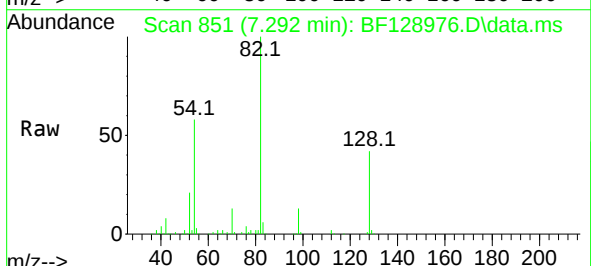
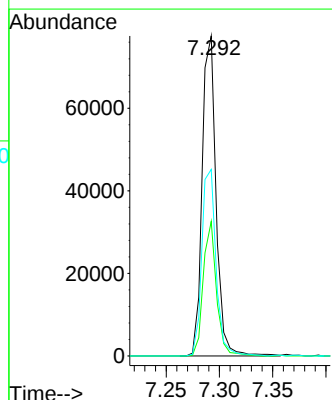
Tgt Ion: 82 Resp: 70898

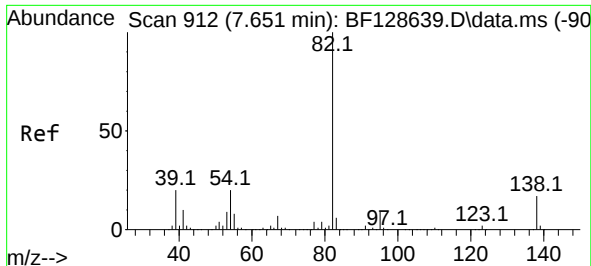
Ion Ratio Lower Upper

82 100

128 42.0 34.0 51.0

54 58.3 46.9 70.3

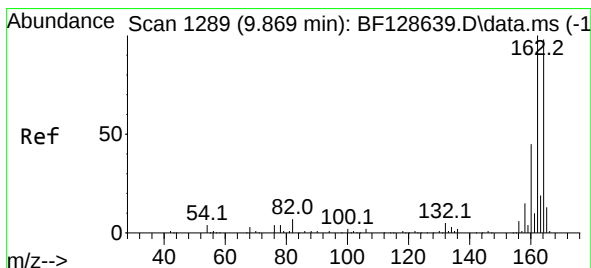
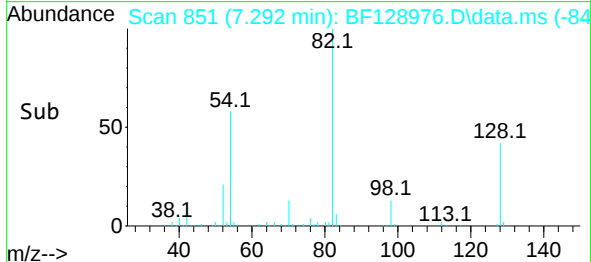
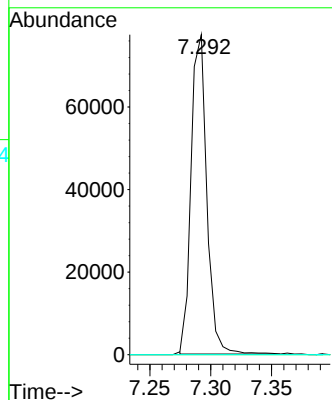
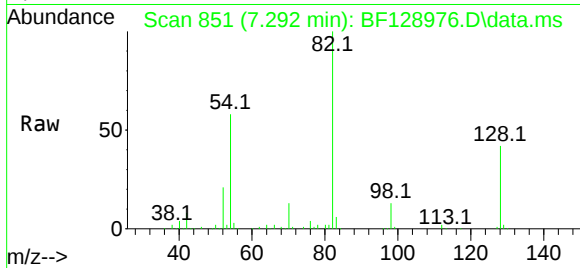




#25
Isophorone
Concen: 6.623 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

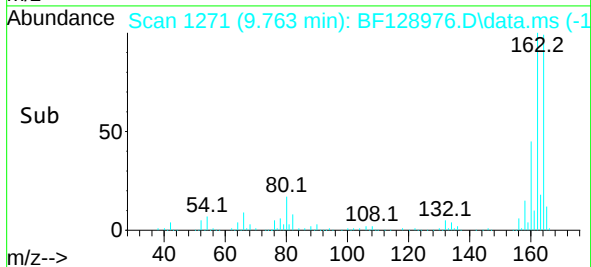
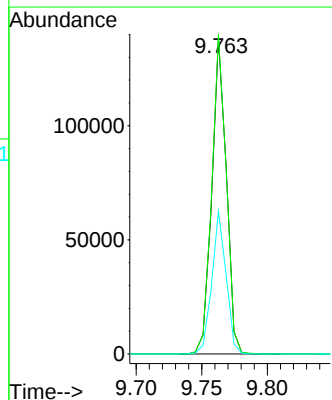
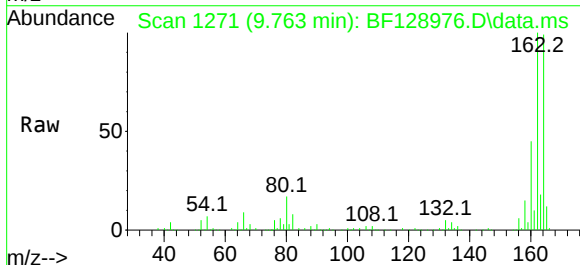
Instrument :
BNA_F
ClientSampleId :
SB-2-0-2-20220622

Tgt Ion: 82 Resp: 69862
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

Tgt Ion:164 Resp: 106297
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 45.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 8.151 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128976.D

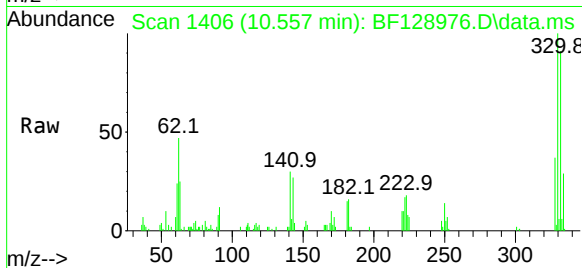
Acq: 24 Jun 2022 02:53

Instrument :

BNA_F

ClientSampleId :

SB-2-0-2-20220622



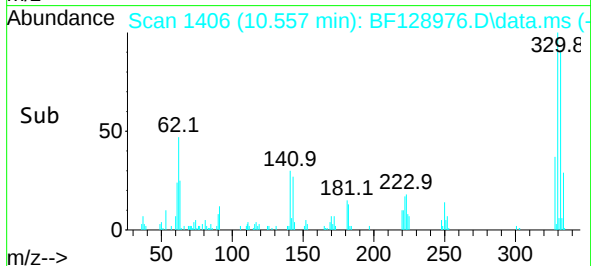
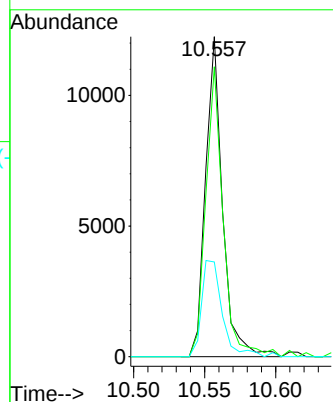
Tgt Ion:330 Resp: 10237

Ion Ratio Lower Upper

330 100

332 91.9 76.8 115.2

141 36.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 12.361 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128976.D

Acq: 24 Jun 2022 02:53

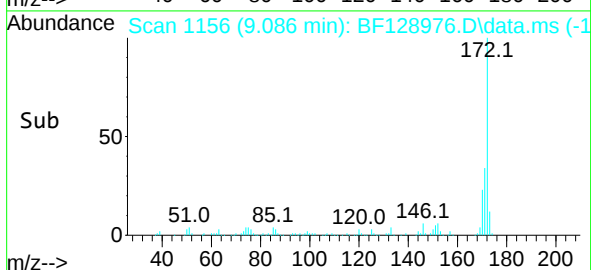
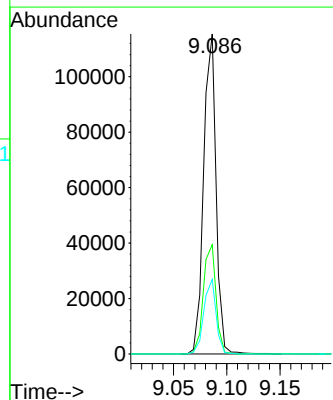
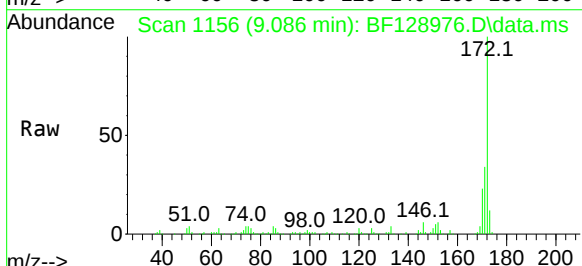
Tgt Ion:172 Resp: 93799

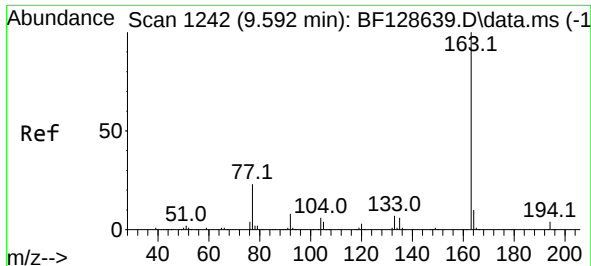
Ion Ratio Lower Upper

172 100

171 34.1 28.8 43.2

170 23.3 19.8 29.8

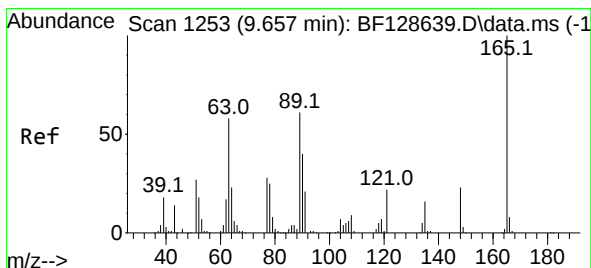
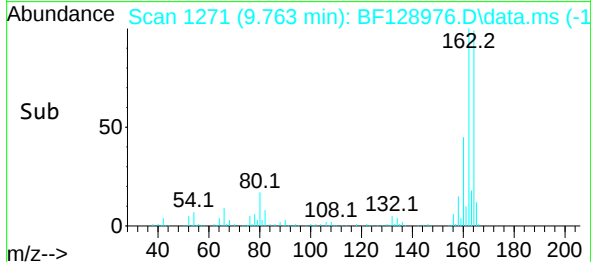
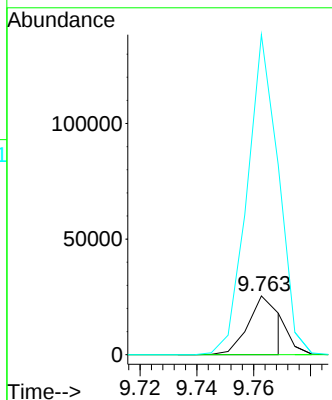
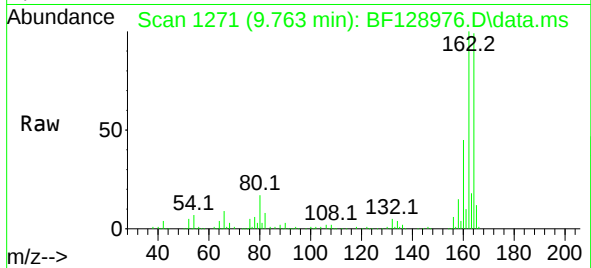




#50
Dimethylphthalate
Concen: 2.660 ng
RT: 9.763 min Scan# 1242
Delta R.T. 0.264 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

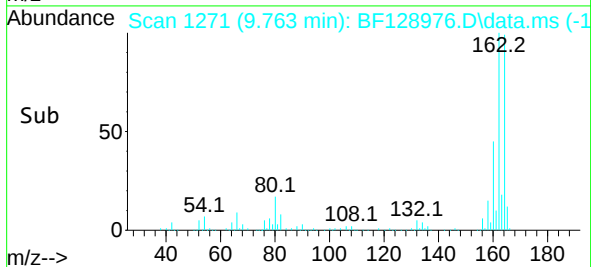
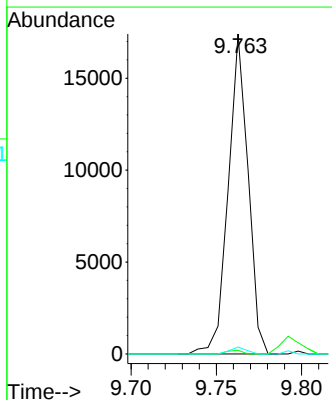
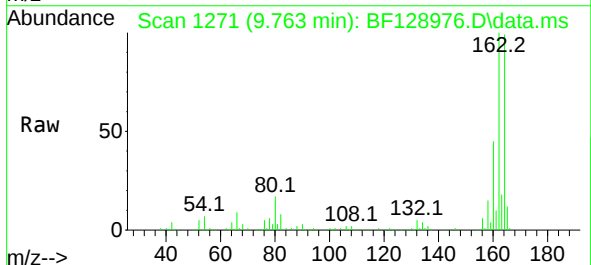
Instrument :
BNA_F
ClientSampleId :
SB-2-0-2-20220622

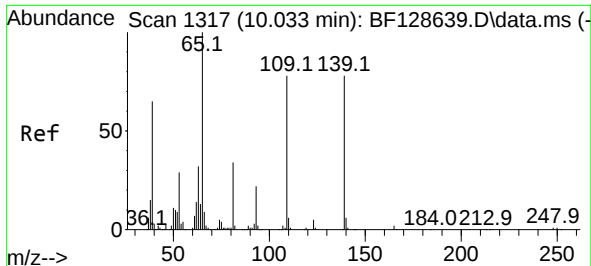
Tgt Ion:163 Resp: 19350
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 545.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.783 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

Tgt Ion:165 Resp: 14049
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 2.1 43.6 65.4#

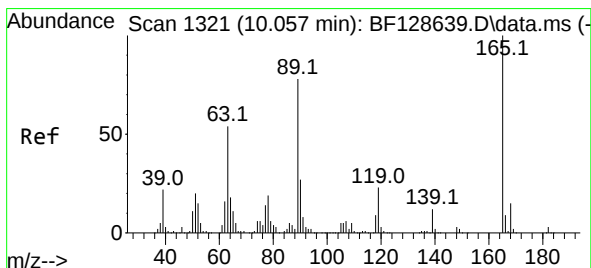
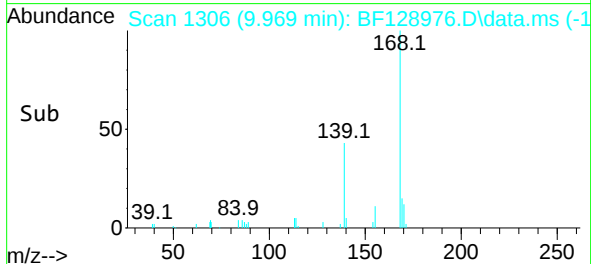
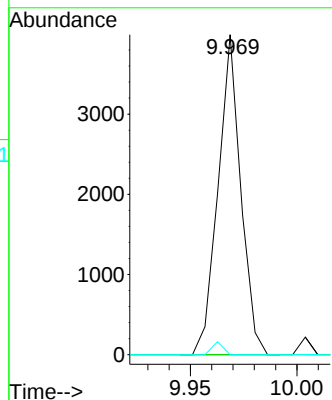
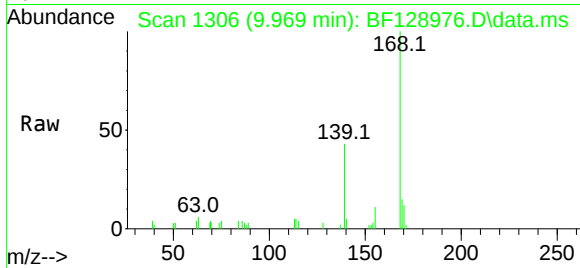




#56
4-Nitrophenol
Concen: 2.610 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

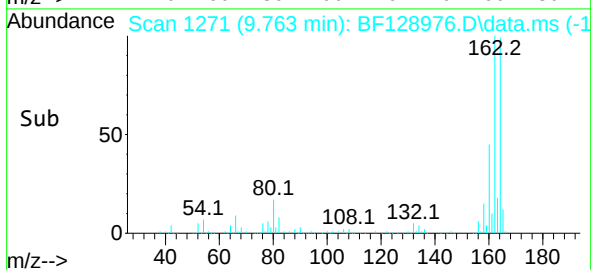
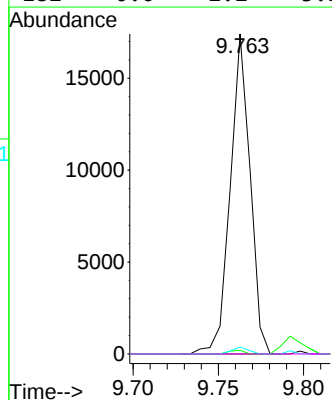
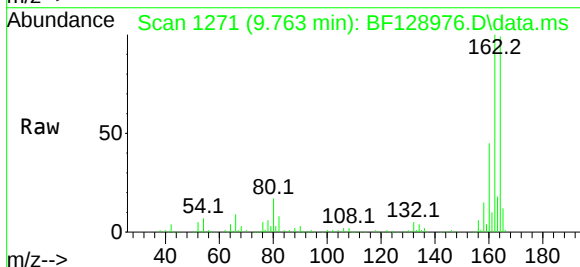
Instrument :
BNA_F
ClientSampleId :
SB-2-0-2-20220622

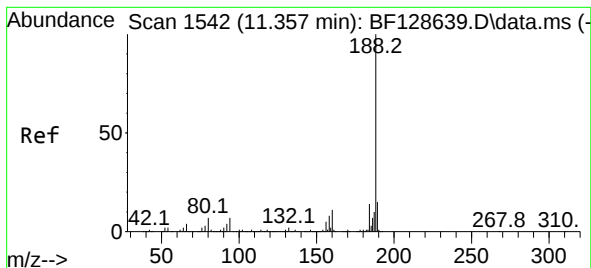
Tgt Ion:139 Resp: 2949
Ion Ratio Lower Upper
139 100
109 0.0 50.7 90.7#
65 0.0 74.5 114.5#



#57
2,4-Dinitrotoluene
Concen: 7.331 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.206 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

Tgt Ion:165 Resp: 14049
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 2.1 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128976.D

Acq: 24 Jun 2022 02:53

Instrument :

BNA_F

ClientSampleId :

SB-2-0-2-20220622

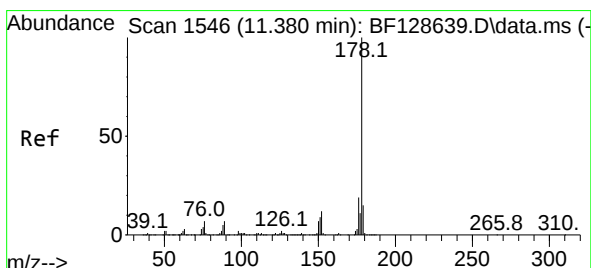
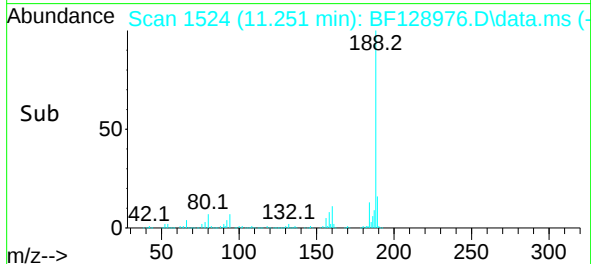
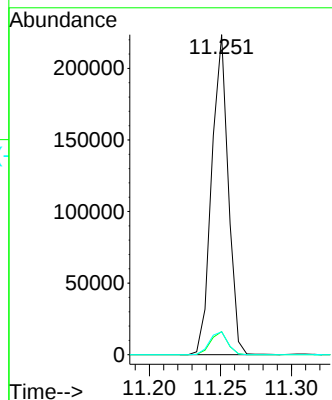
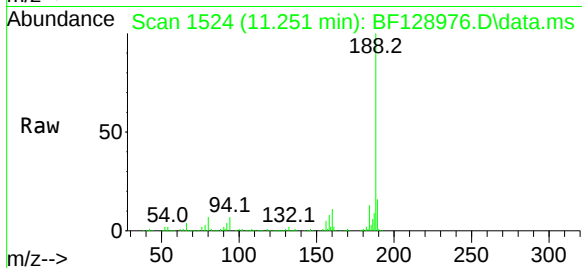
Tgt Ion:188 Resp: 180796

Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.6

80 7.1 7.6 11.4#



#71

Phenanthrene

Concen: 15.798 ng

RT: 11.274 min Scan# 1528

Delta R.T. -0.006 min

Lab File: BF128976.D

Acq: 24 Jun 2022 02:53

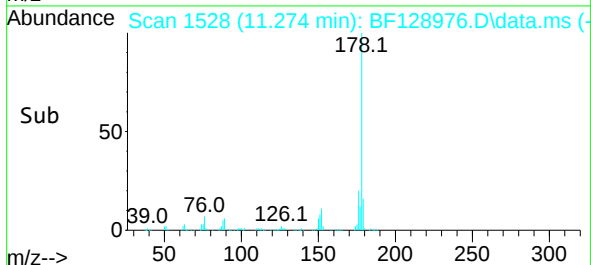
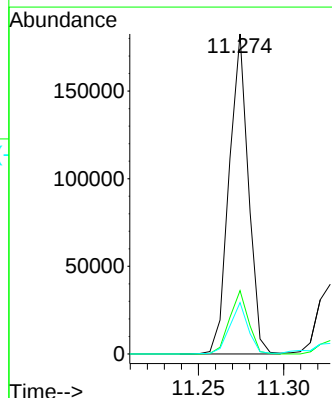
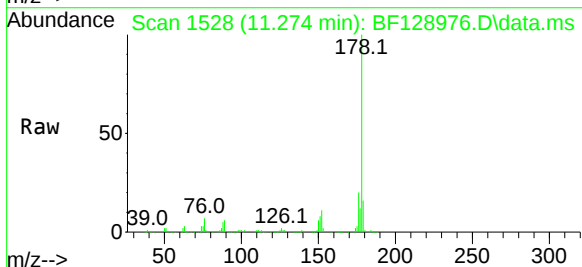
Tgt Ion:178 Resp: 143259

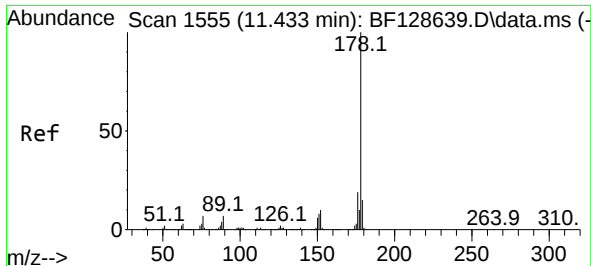
Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 16.1 12.6 19.0

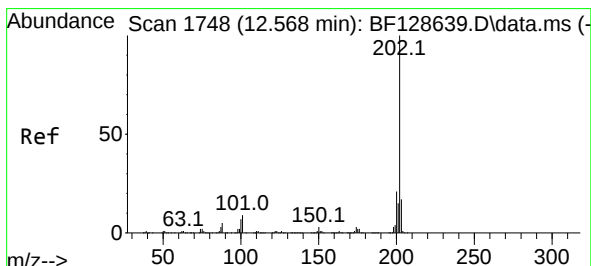
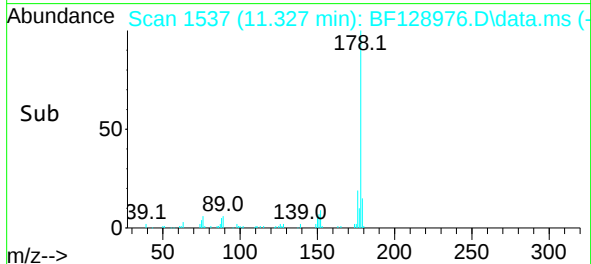
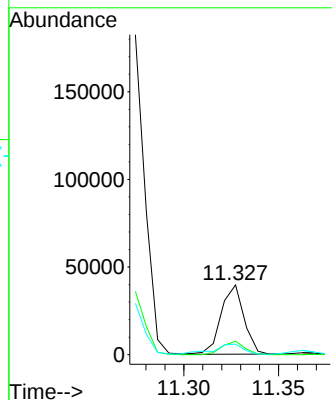
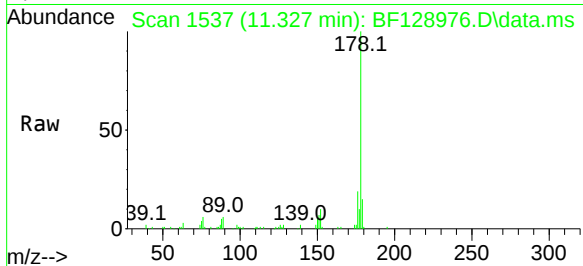




#72
 Anthracene
 Concen: 3.705 ng
 RT: 11.327 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128976.D
 Acq: 24 Jun 2022 02:53

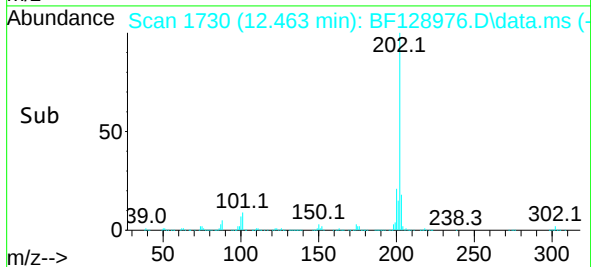
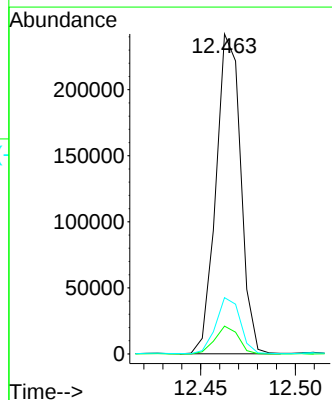
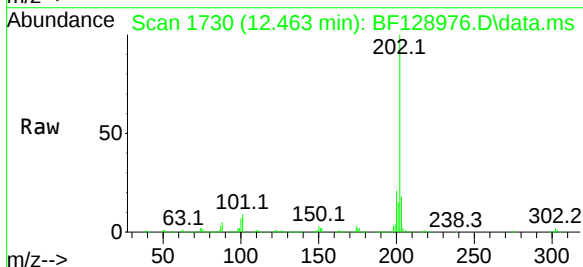
Instrument :
 BNA_F
 ClientSampleId :
 SB-2-0-2-20220622

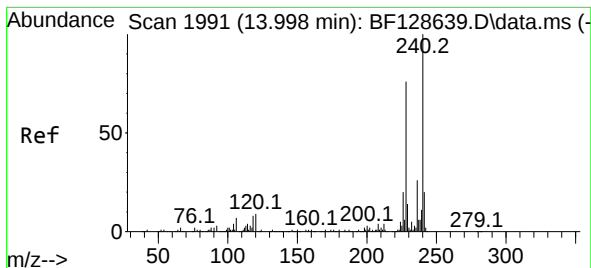
Tgt Ion:178 Resp: 33255
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.1 12.6 19.0



#75
 Fluoranthene
 Concen: 23.153 ng
 RT: 12.463 min Scan# 1730
 Delta R.T. -0.006 min
 Lab File: BF128976.D
 Acq: 24 Jun 2022 02:53

Tgt Ion:202 Resp: 219467
 Ion Ratio Lower Upper
 202 100
 101 8.7 0.0 31.4
 203 17.6 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 1991

Delta R.T. -0.000 min

Lab File: BF128976.D

Acq: 24 Jun 2022 02:53

Instrument :

BNA_F

ClientSampleId :

SB-2-0-2-20220622

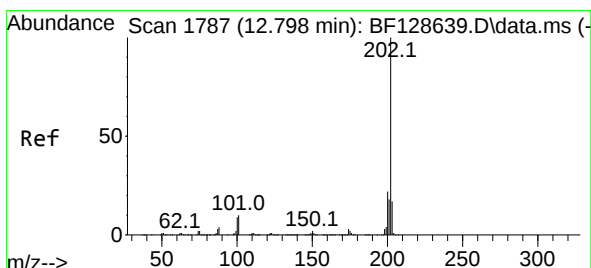
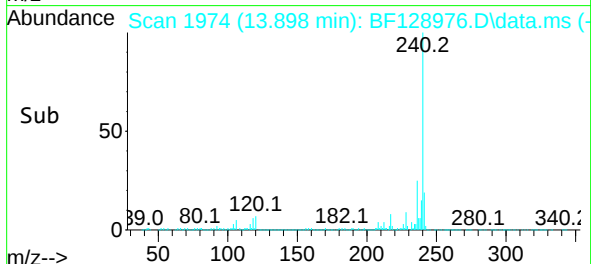
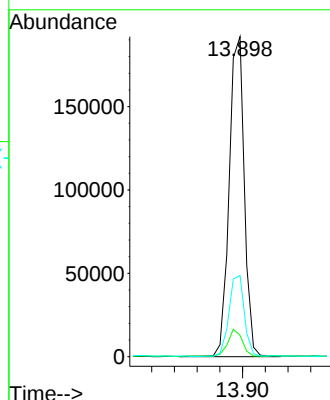
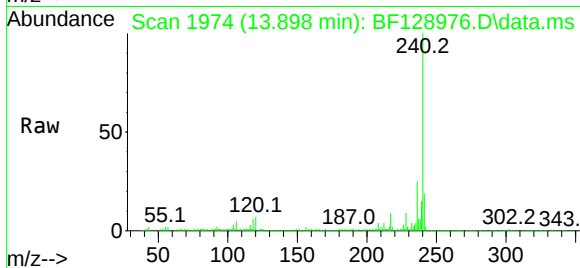
Tgt Ion:240 Resp: 177724

Ion Ratio Lower Upper

240 100

120 6.7 8.9 13.3#

236 25.4 20.8 31.2



#78

Pyrene

Concen: 16.015 ng

RT: 12.692 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BF128976.D

Acq: 24 Jun 2022 02:53

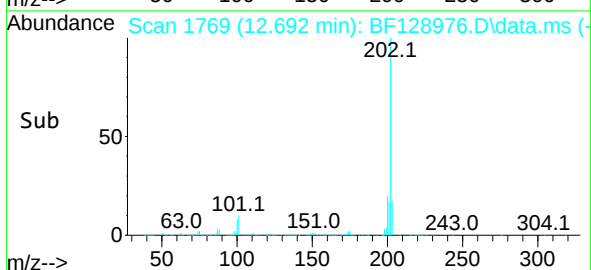
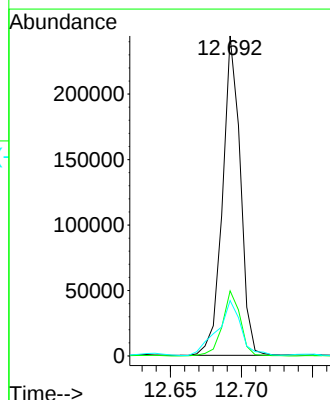
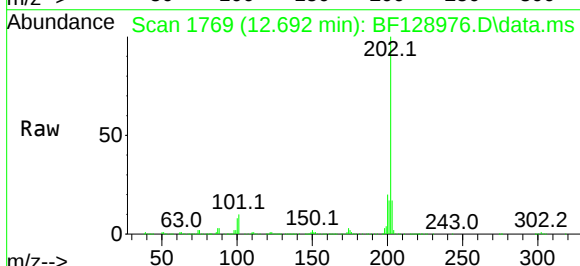
Tgt Ion:202 Resp: 211756

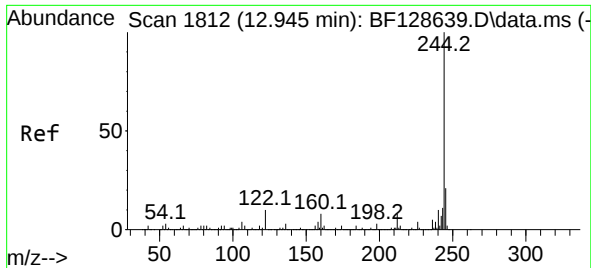
Ion Ratio Lower Upper

202 100

200 20.4 17.7 26.5

203 17.3 14.6 21.8

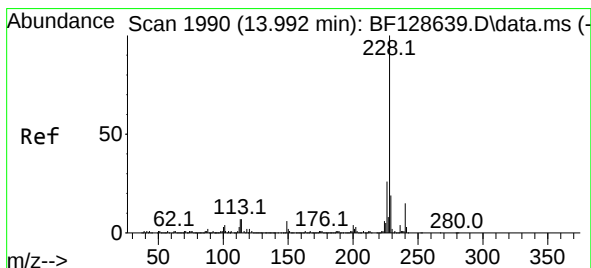
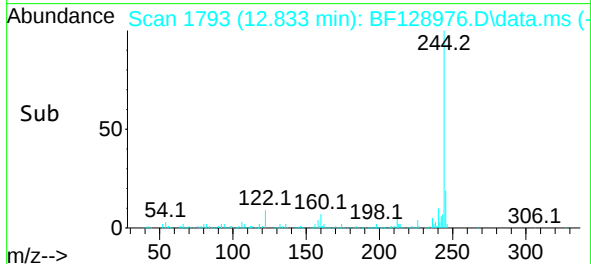
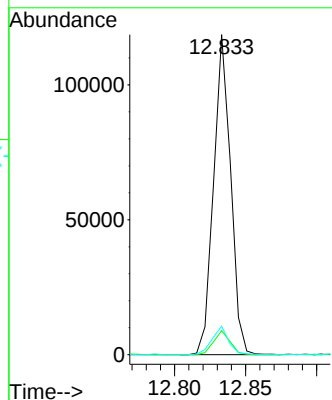
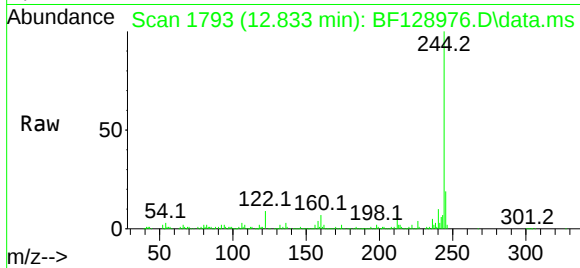




#79
 Terphenyl-d14
 Concen: 9.652 ng
 RT: 12.833 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF128976.D
 Acq: 24 Jun 2022 02:53

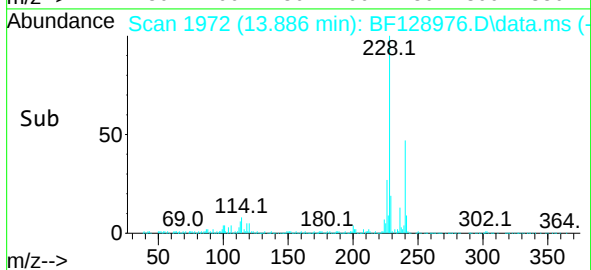
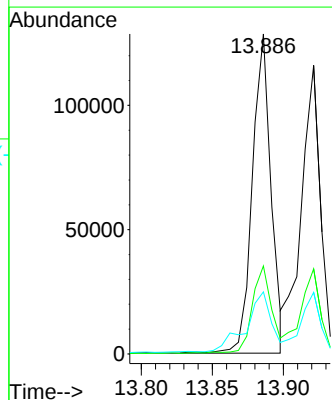
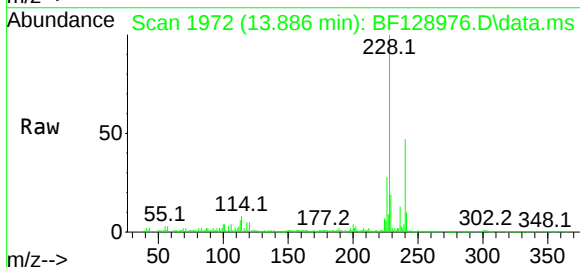
Instrument :
 BNA_F
 ClientSampleId :
 SB-2-0-2-20220622

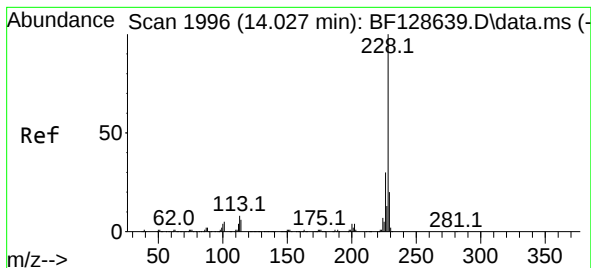
Tgt Ion:244 Resp: 98716
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 8.9 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 10.579 ng
 RT: 13.886 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: BF128976.D
 Acq: 24 Jun 2022 02:53

Tgt Ion:228 Resp: 117191
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.1 33.1
 229 19.4 15.8 23.8





#83

Chrysene

Concen: 10.350 ng

RT: 13.921 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF128976.D

Acq: 24 Jun 2022 02:53

Instrument :

BNA_F

ClientSampleId :

SB-2-0-2-20220622

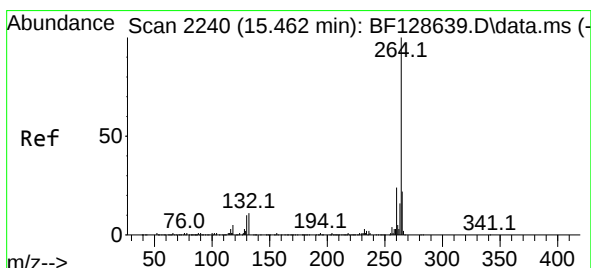
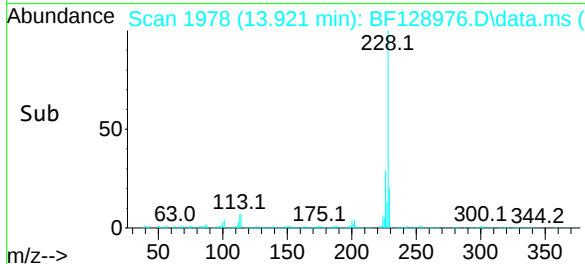
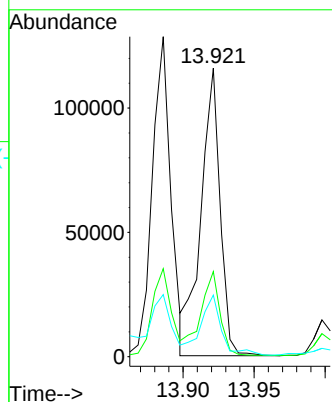
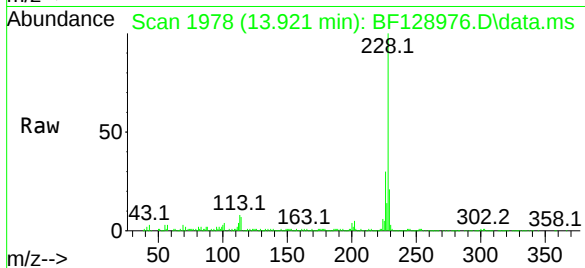
Tgt Ion:228 Resp: 109313

Ion Ratio Lower Upper

228 100

226 29.5 24.3 36.5

229 21.4 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.333 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF128976.D

Acq: 24 Jun 2022 02:53

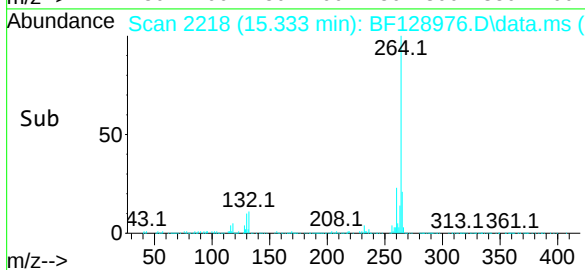
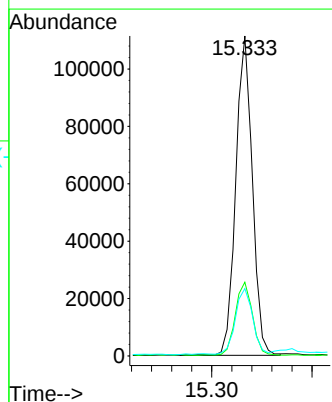
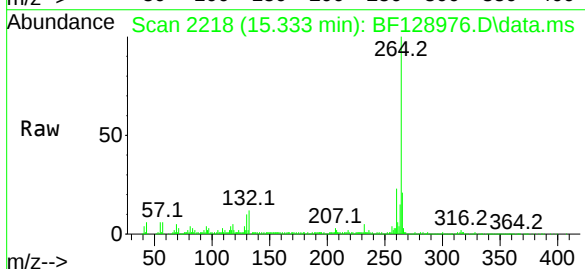
Tgt Ion:264 Resp: 127344

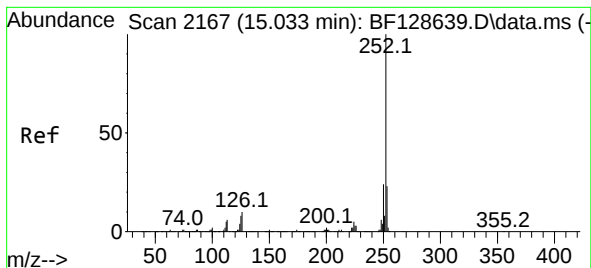
Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.1 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 16.439 ng

RT: 14.921 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128976.D

Acq: 24 Jun 2022 02:53

Instrument :

BNA_F

ClientSampleId :

SB-2-0-2-20220622

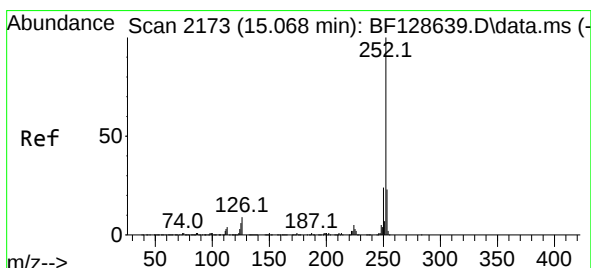
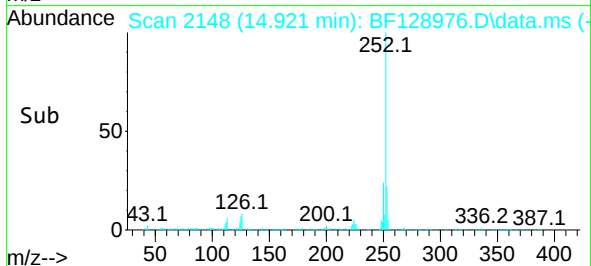
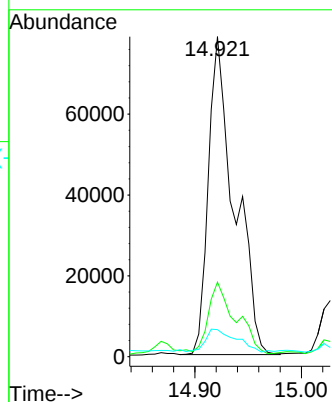
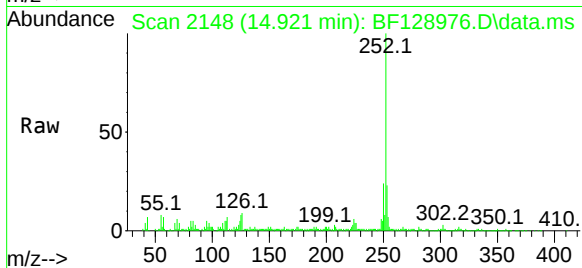
Tgt Ion:252 Resp: 133769

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 8.4 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 17.476 ng

RT: 14.921 min Scan# 2148

Delta R.T. -0.030 min

Lab File: BF128976.D

Acq: 24 Jun 2022 02:53

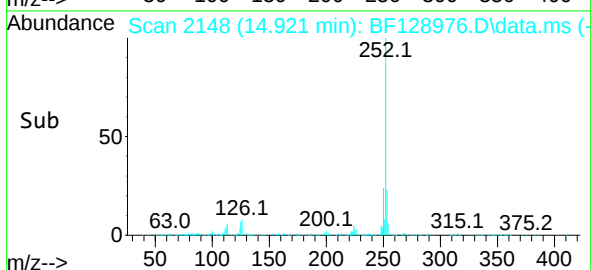
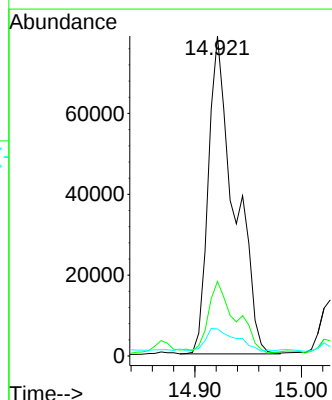
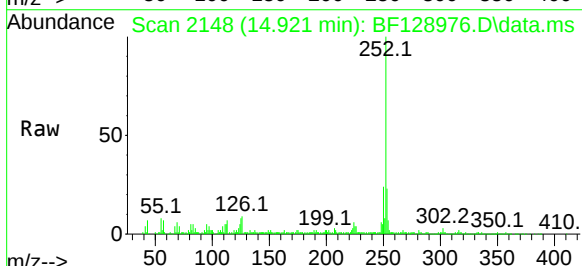
Tgt Ion:252 Resp: 133769

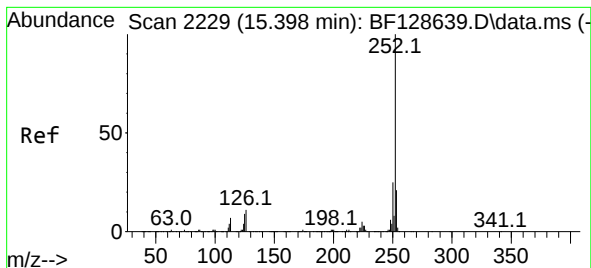
Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

125 8.4 8.3 12.5





#90

Benzo(a)pyrene

Concen: 7.268 ng

RT: 15.209 min Scan# 21

Delta R.T. -0.065 min

Lab File: BF128976.D

Acq: 24 Jun 2022 02:53

Instrument :

BNA_F

ClientSampleId :

SB-2-0-2-20220622

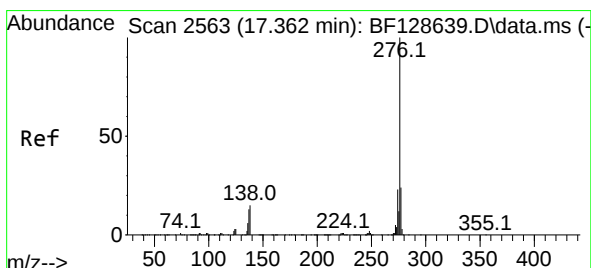
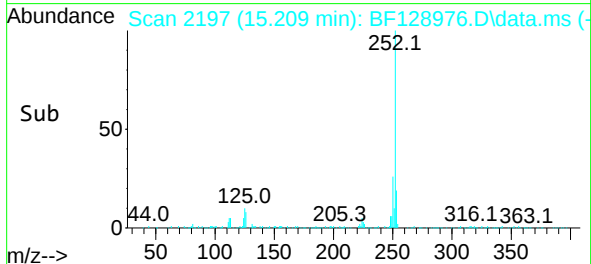
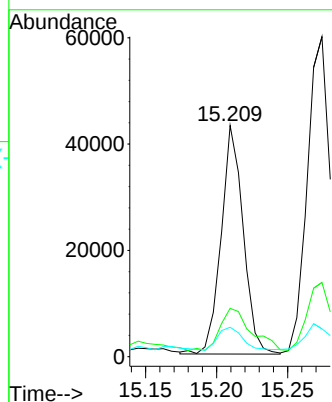
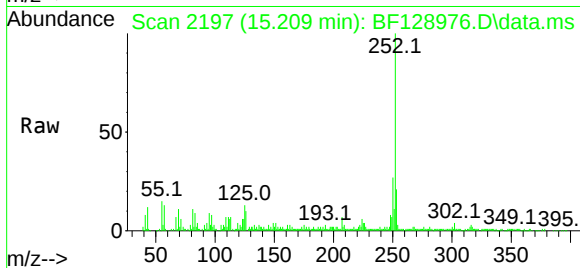
Tgt Ion:252 Resp: 46485

Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

125 12.7 8.8 13.2



#92

Benzo(g,h,i)perylene

Concen: 4.978 ng

RT: 17.168 min Scan# 2530

Delta R.T. -0.000 min

Lab File: BF128976.D

Acq: 24 Jun 2022 02:53

Tgt Ion:276 Resp: 31412

Ion Ratio Lower Upper

276 100

277 20.6 19.1 28.7

138 15.8 18.0 27.0#

