

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129973.D
 Acq On : 24 Aug 2022 15:32
 Operator : CG\JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Aug 25 07:56:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 04:08:38 2022
 Response via : Initial Calibration

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

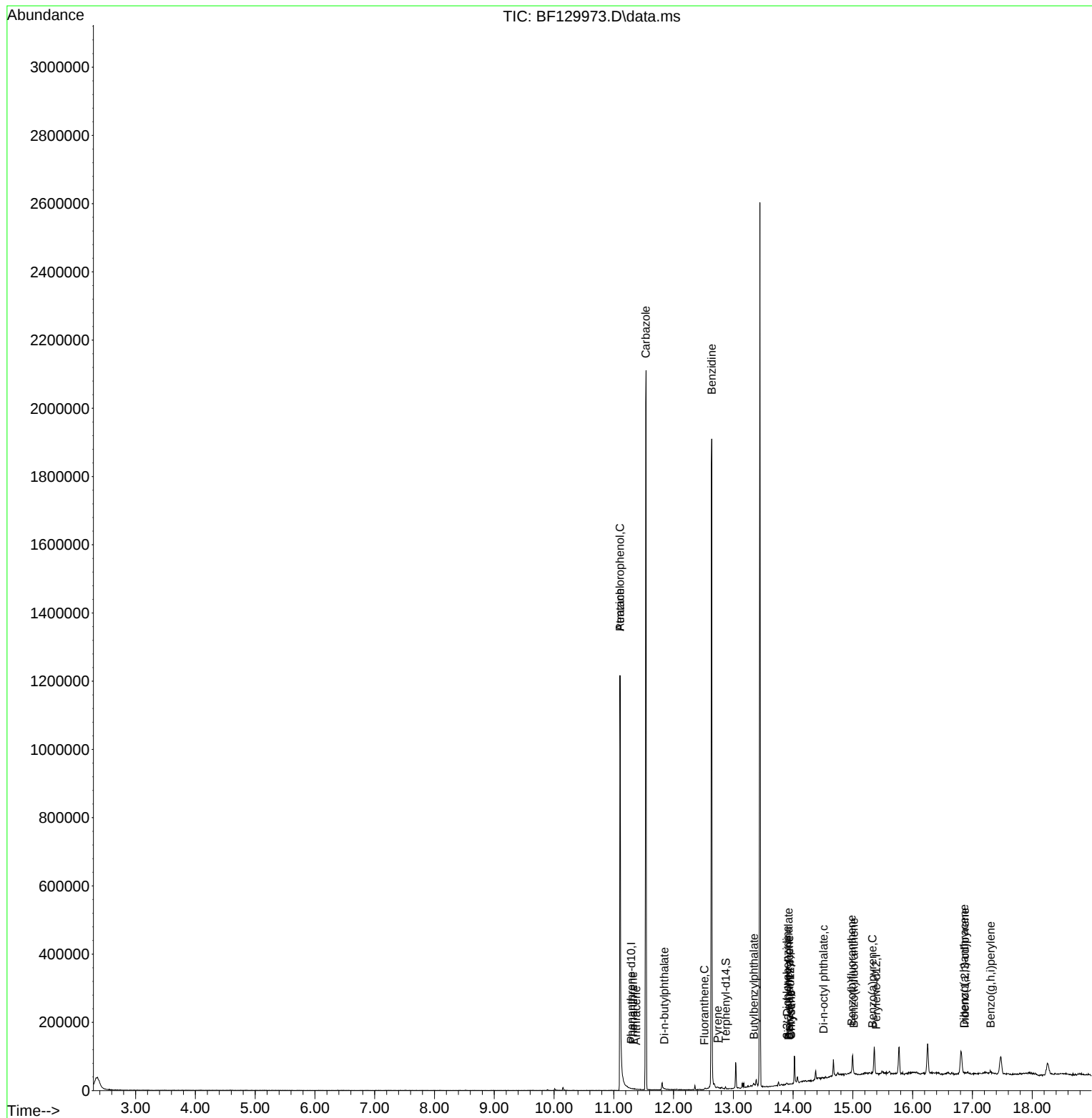
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.77
21) Naphthalene-d8	0.000	136	0	0.000	ng	-8.05
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-9.80
64) Phenanthrene-d10	11.292	188	199	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	263	20.000	ng	# 0.01
86) Perylene-d12	15.392	264	433	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
79) Terphenyl-d14	12.874	244	2304	145.768	ng	0.00
Target Compounds						
					Qvalue	
69) Atrazine	11.104	200	29492	14306.007	ng	# 37
70) Pentachlorophenol	11.104	266	146628	181199.255	ng	95
71) Phenanthrene	11.322	178	130	11.697	ng	# 60
72) Anthracene	11.374	178	168	15.200	ng	# 60
73) Carbazole	11.533	167	9997	996.416	ng	# 83
74) Di-n-butylphthalate	11.845	149	485	37.560	ng	# 77
75) Fluoranthene	12.516	202	386	33.940	ng	63
77) Benzidine	12.639	184	734654	132098.777	ng	99
78) Pyrene	12.739	202	1987	86.941	ng	# 93
80) Butylbenzylphthalate	13.345	149	465	48.083	ng	# 70
81) Benzo(a)anthracene	13.933	228	320	17.687	ng	# 52
82) 3,3'-Dichlorobenzidine	13.898	252	131	23.379	ng	# 26
83) Chrysene	13.968	228	353	20.844	ng	# 49
84) Bis(2-ethylhexyl)phtha...	13.921	149	169	14.730	ng	# 53
85) Di-n-octyl phthalate	14.510	149	453	28.601	ng	# 57
87) Indeno(1,2,3-cd)pyrene	16.874	276	247	8.309	ng	# 72
88) Benzo(b)fluoranthene	14.980	252	228	7.690	ng	# 1
89) Benzo(k)fluoranthene	15.015	252	373	13.118	ng	# 1
90) Benzo(a)pyrene	15.327	252	127	5.439	ng	# 1
91) Dibenzo(a,h)anthracene	16.862	278	65	2.650	ng	# 1
92) Benzo(g,h,i)perylene	17.303	276	246	10.053	ng	# 55

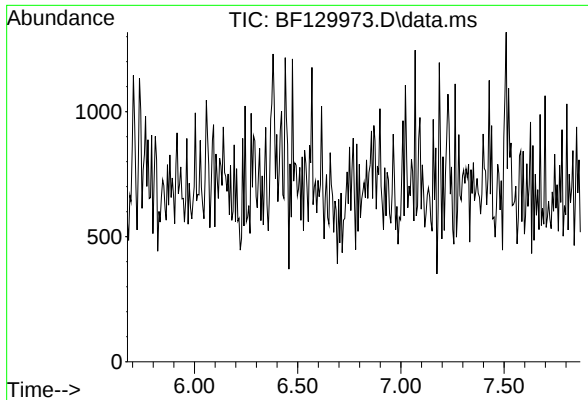
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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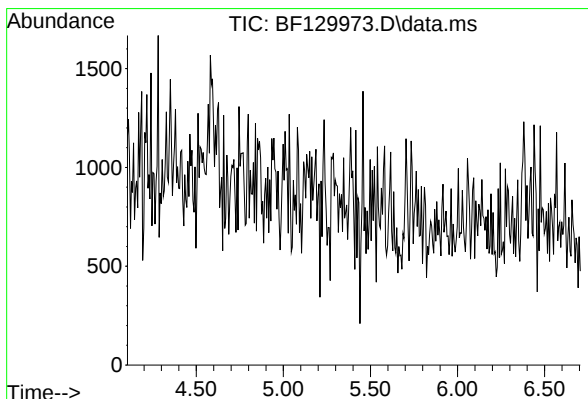
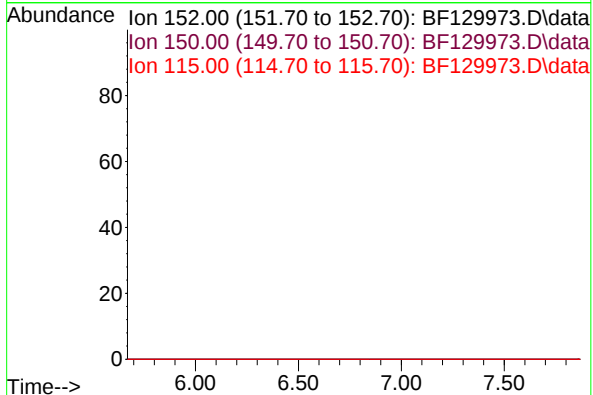




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.77 min
 Lab File: BF129973.D
 Acq: 24 Aug 2022 15:32

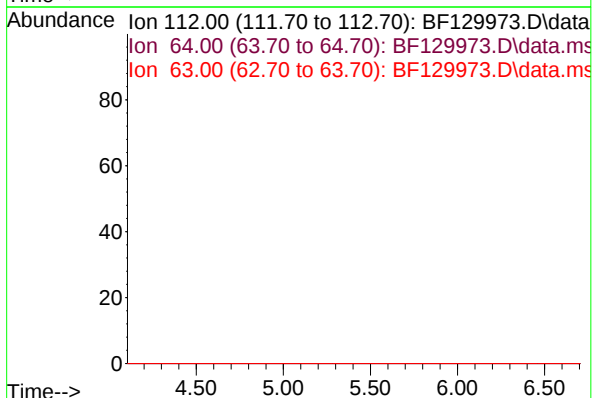
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

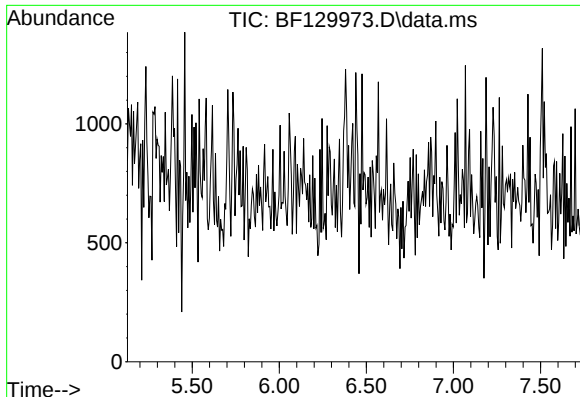
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 158.6
 115 66.7



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.40 min
 Lab File: BF129973.D
 Acq: 24 Aug 2022 15:32

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.5
 63 30.8



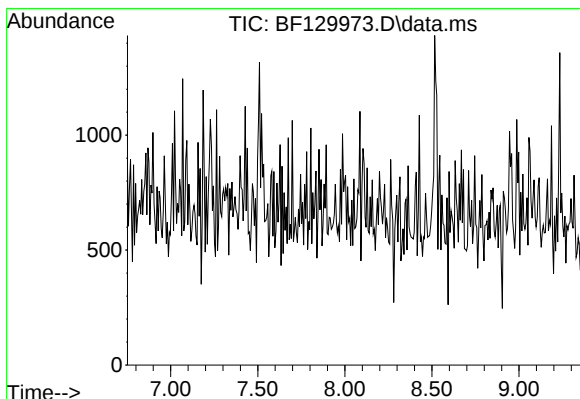
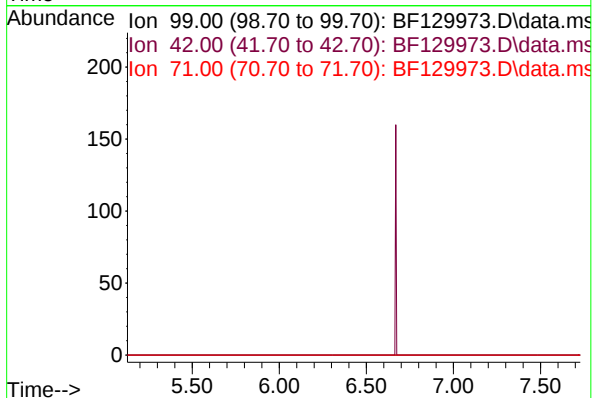


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.43 min
 Lab File: BF129973.D
 Acq: 24 Aug 2022 15:32

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 99

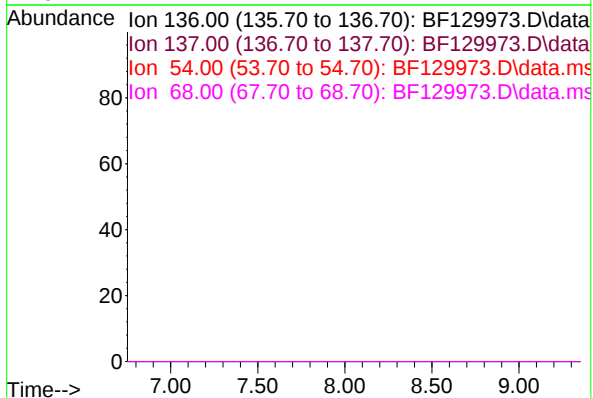
Sig	Exp Ratio
99	100
42	18.7
71	36.0

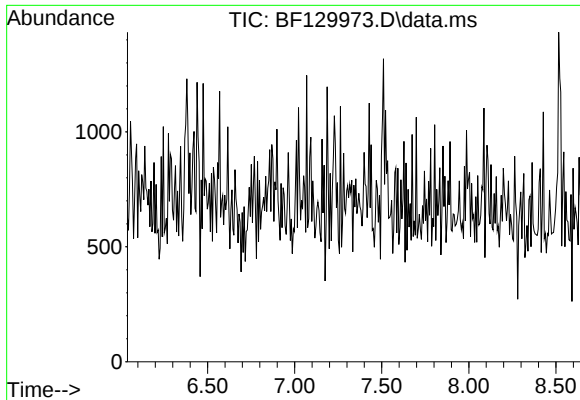


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 8.05 min
 Lab File: BF129973.D
 Acq: 24 Aug 2022 15:32

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	10.5
54	7.7
68	5.3



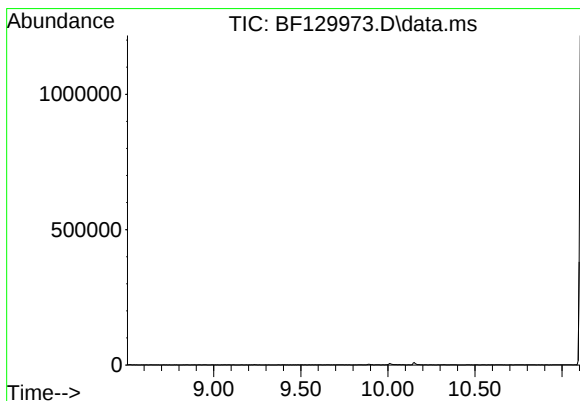
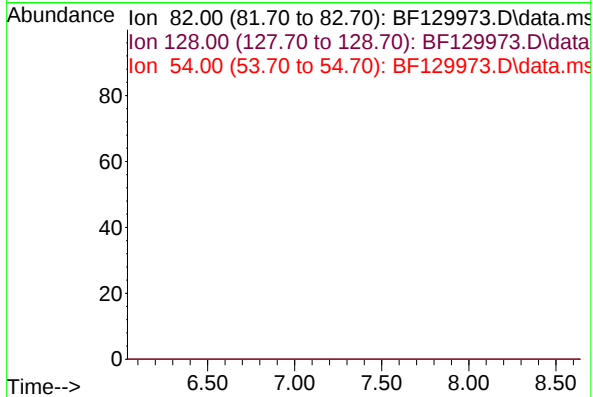


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.34 min
 Lab File: BF129973.D
 Acq: 24 Aug 2022 15:32

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 82

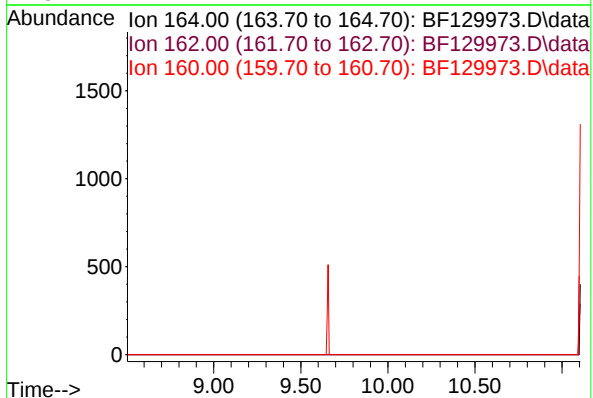
Sig	Exp Ratio
82	100
128	45.1
54	50.0

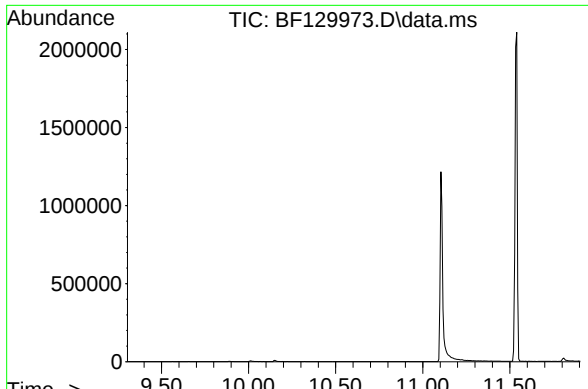


#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.80 min
 Lab File: BF129973.D
 Acq: 24 Aug 2022 15:32

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	102.5
160	44.2



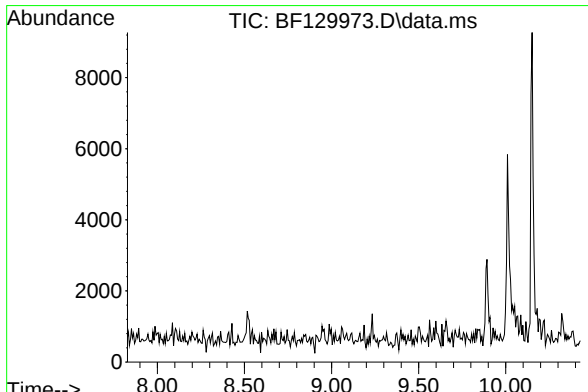
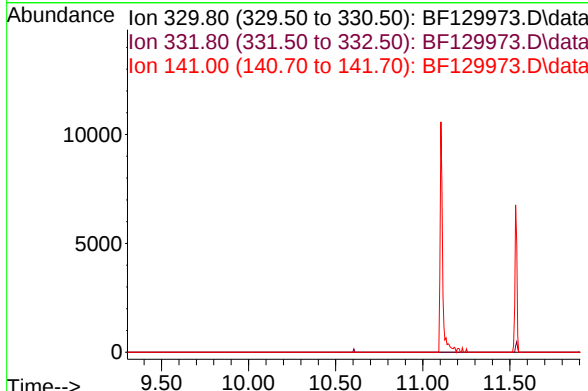


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.60 min
 Lab File: BF129973.D
 Acq: 24 Aug 2022 15:32

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 330

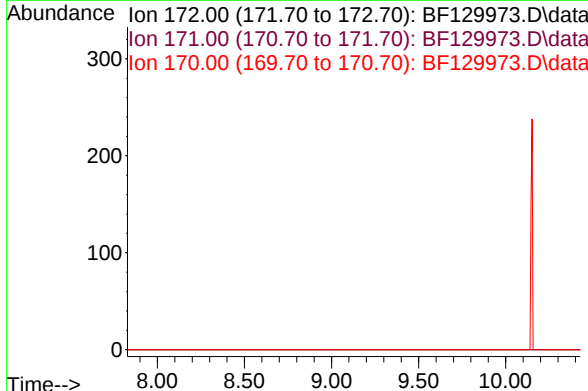
Sig	Exp Ratio
330	100
332	103.3
141	34.5

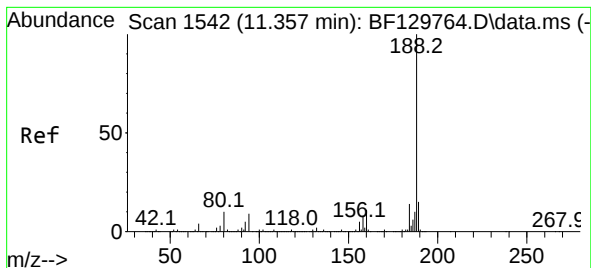


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.13 min
 Lab File: BF129973.D
 Acq: 24 Aug 2022 15:32

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.5
170	23.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

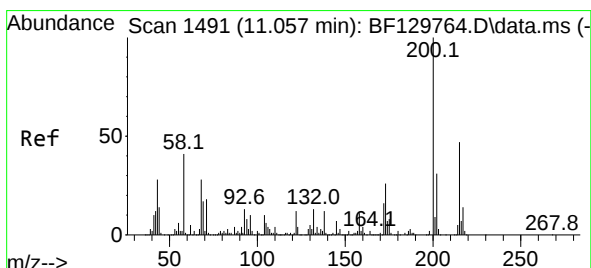
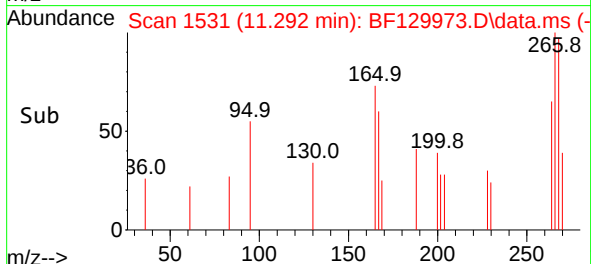
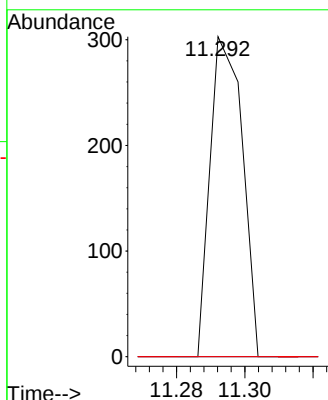
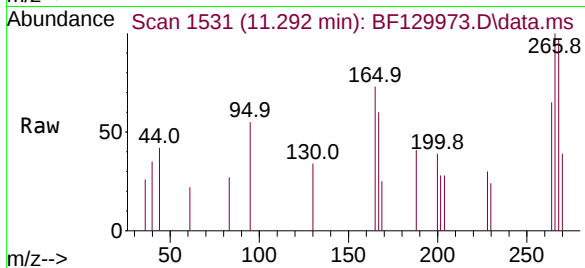
Tgt Ion:188 Resp: 199

Ion Ratio Lower Upper

188 100

94 0.0 7.4 11.2#

80 0.0 7.9 11.9#



#69

Atrazine

Concen: 14306.007 ng

RT: 11.104 min Scan# 1499

Delta R.T. 0.106 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

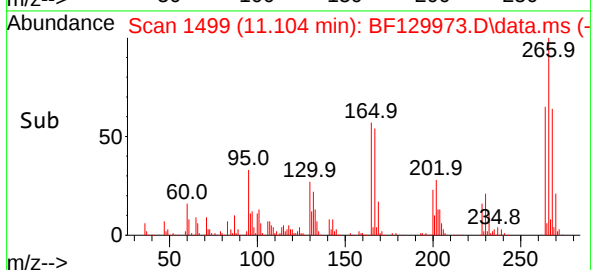
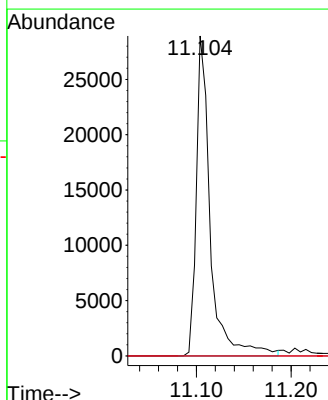
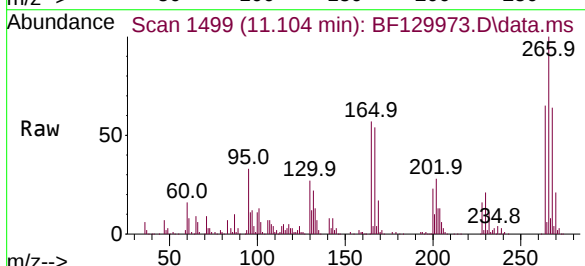
Tgt Ion:200 Resp: 29492

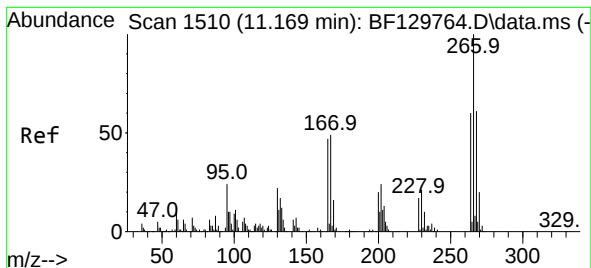
Ion Ratio Lower Upper

200 100

173 0.0 6.4 46.4#

215 0.8 27.1 67.1#





#70

Pentachlorophenol

Concen: 181199.255 ng

RT: 11.104 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

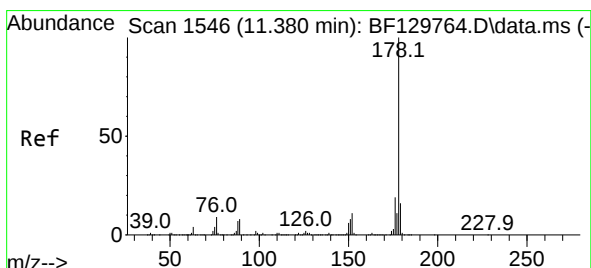
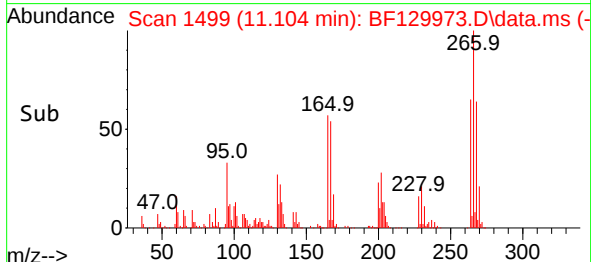
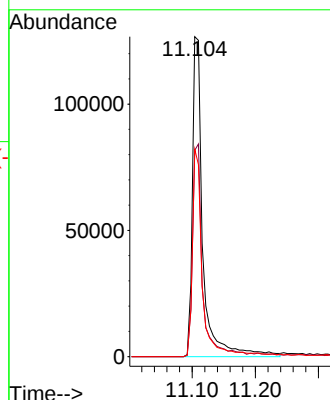
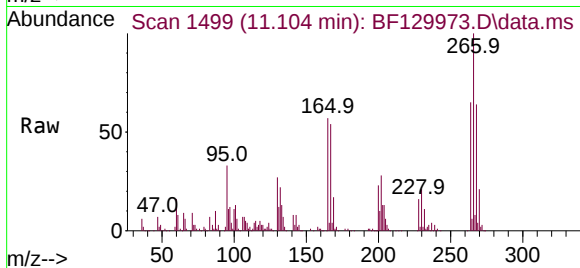
Tgt Ion:266 Resp: 146628

Ion Ratio Lower Upper

266 100

268 64.5 49.0 73.4

264 64.8 47.9 71.9



#71

Phenanthrene

Concen: 11.697 ng

RT: 11.322 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

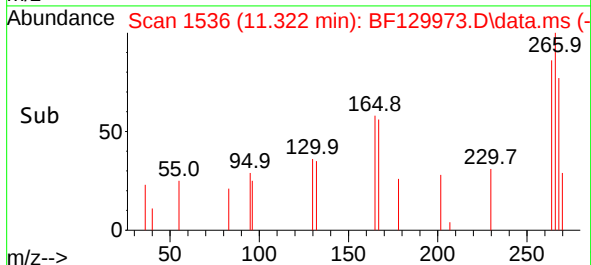
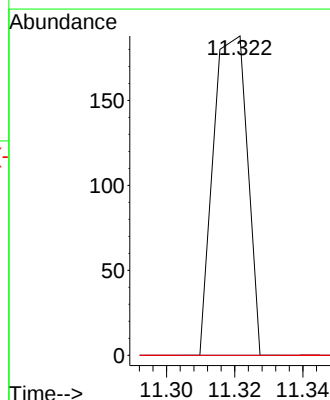
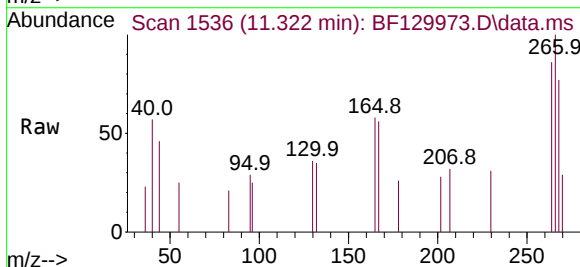
Tgt Ion:178 Resp: 130

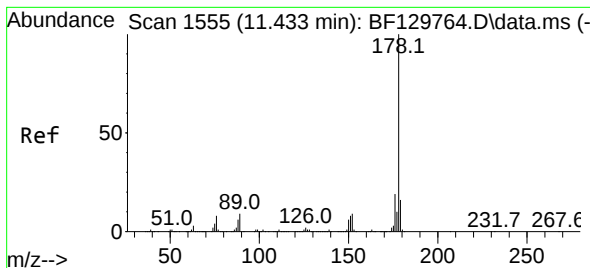
Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

179 0.0 12.5 18.7#





#72

Anthracene

Concen: 15.200 ng

RT: 11.374 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

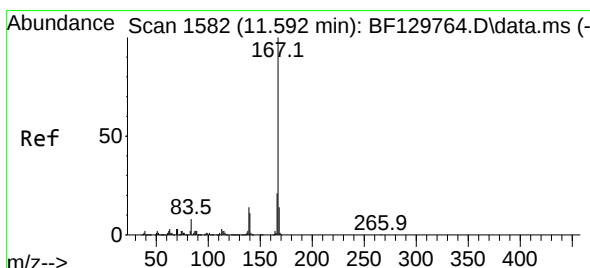
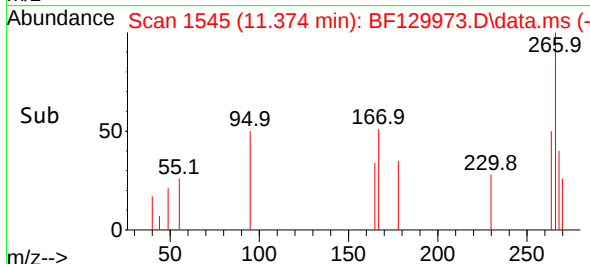
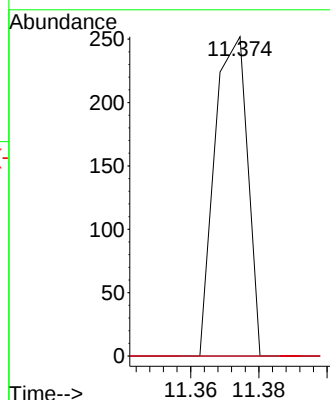
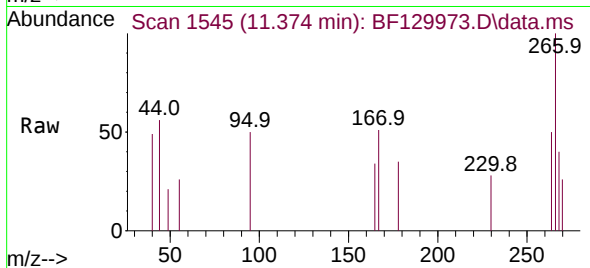
Tgt Ion:178 Resp: 168

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

179 0.0 12.6 18.8#



#73

Carbazole

Concen: 996.416 ng

RT: 11.533 min Scan# 1572

Delta R.T. -0.000 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

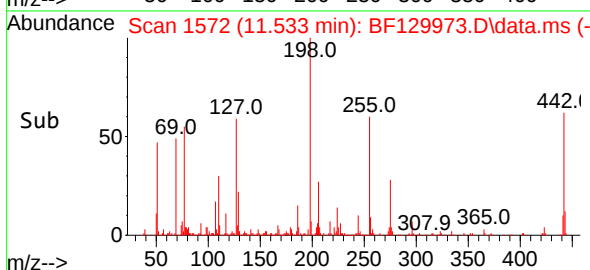
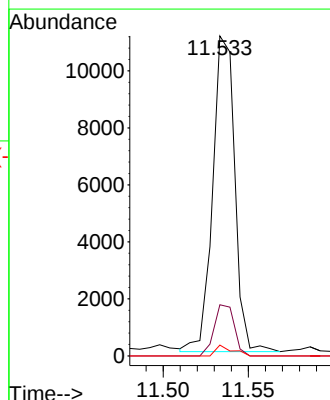
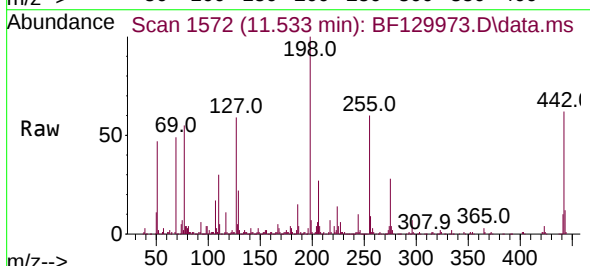
Tgt Ion:167 Resp: 9997

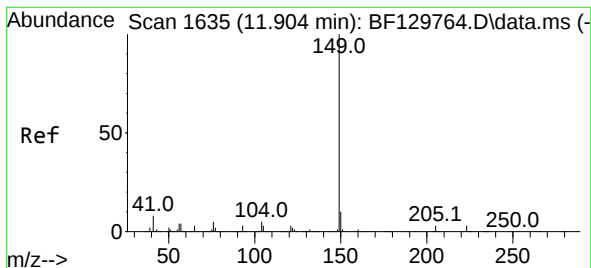
Ion Ratio Lower Upper

167 100

166 16.0 17.1 25.7#

139 3.4 11.0 16.6#





#74

Di-n-butylphthalate

Concen: 37.560 ng

RT: 11.845 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

Instrument :

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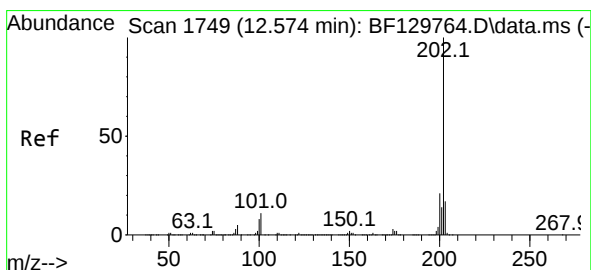
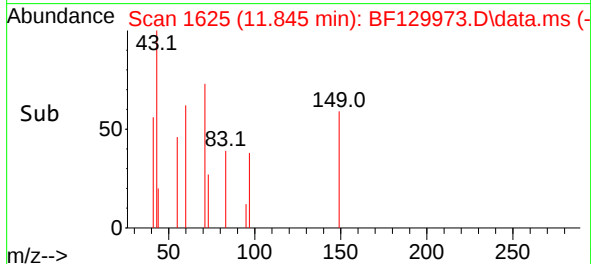
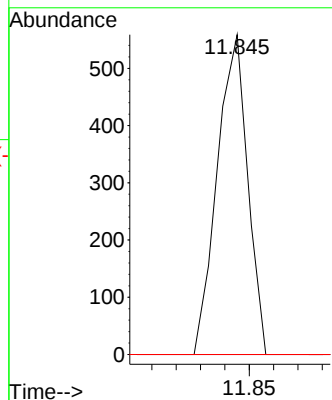
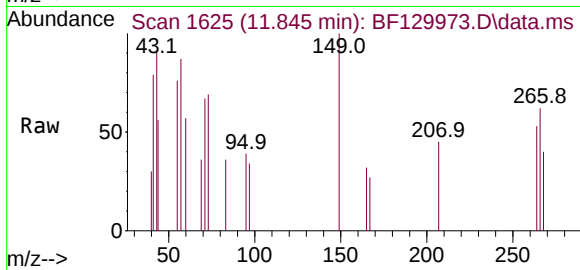
Tgt Ion:149 Resp: 485

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 4.2 6.4#



#75

Fluoranthene

Concen: 33.940 ng

RT: 12.516 min Scan# 1739

Delta R.T. 0.006 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

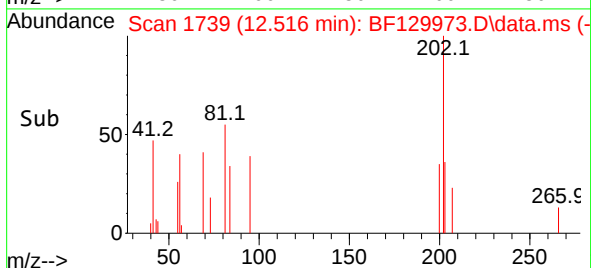
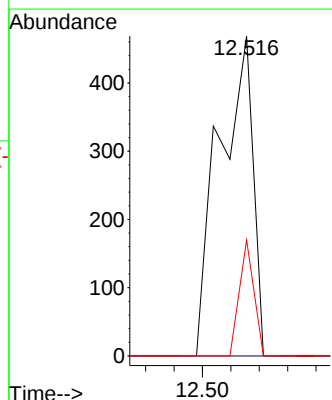
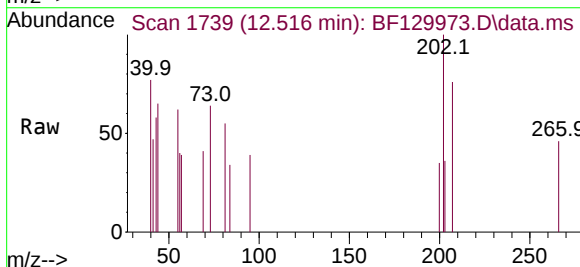
Tgt Ion:202 Resp: 386

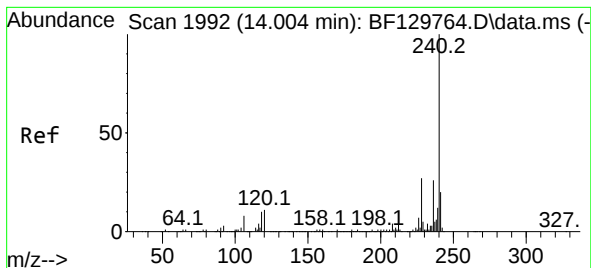
Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.7

203 36.2 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 1992

Delta R.T. 0.012 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

Instrument :

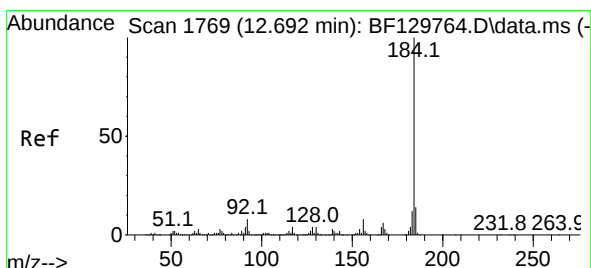
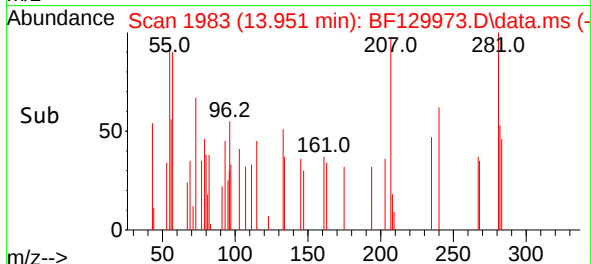
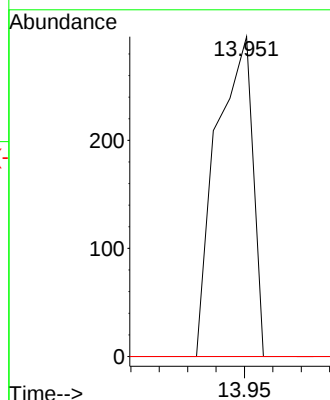
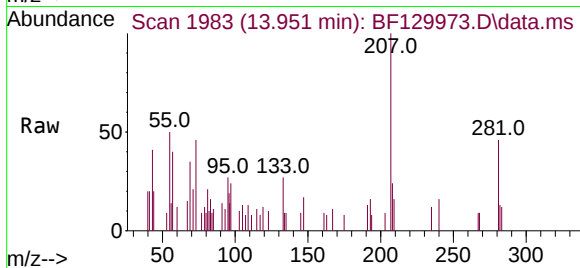
BNA_F

ClientSampleId :

DFTPP

Tgt Ion:240 Resp: 263

Ion	Ratio	Lower	Upper
240	100		
120	0.0	9.2	13.8#
236	0.0	20.7	31.1#



#77

Benzdine

Concen: 132098.777 ng

RT: 12.639 min Scan# 1760

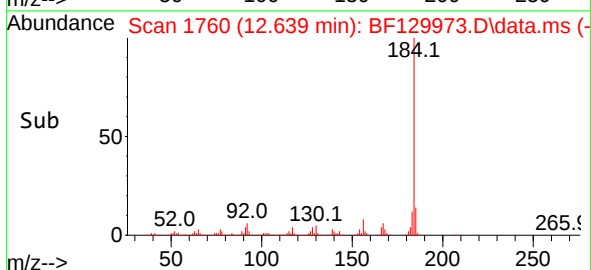
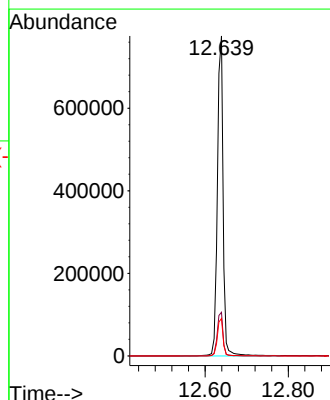
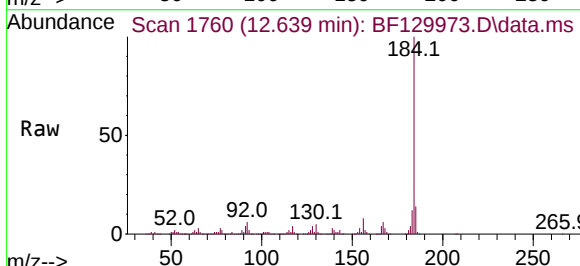
Delta R.T. 0.006 min

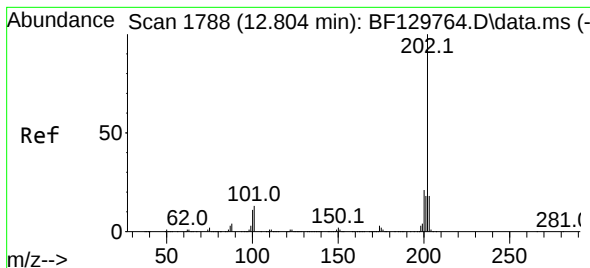
Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

Tgt Ion:184 Resp: 734654

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.4	17.2
183	11.7	9.4	14.2





#78

Pyrene

Concen: 86.941 ng

RT: 12.739 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

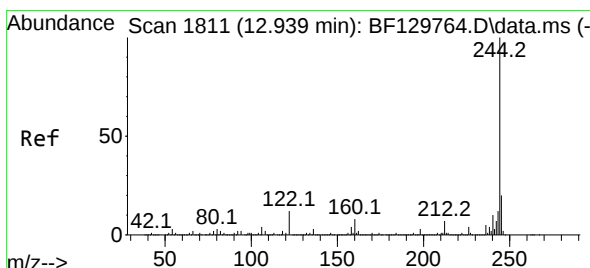
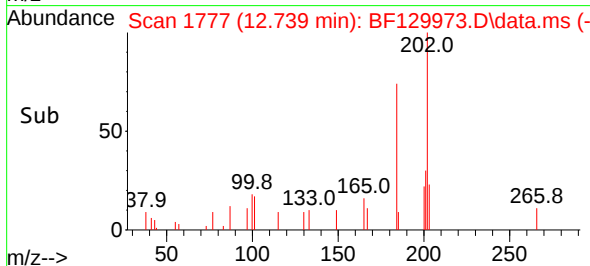
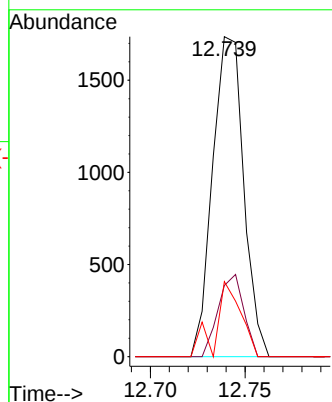
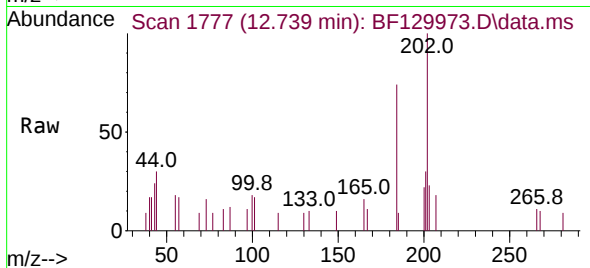
Tgt Ion:202 Resp: 1987

Ion Ratio Lower Upper

202 100

200 22.2 17.0 25.6

203 23.4 14.1 21.1#



#79

Terphenyl-d14

Concen: 145.768 ng

RT: 12.874 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

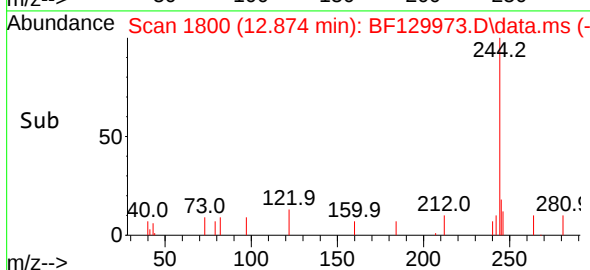
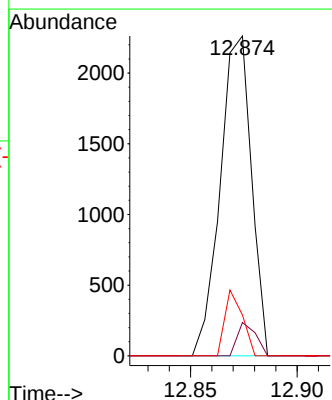
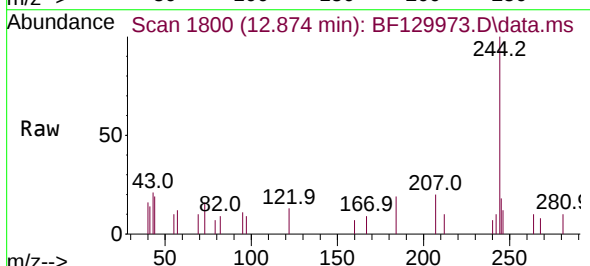
Tgt Ion:244 Resp: 2304

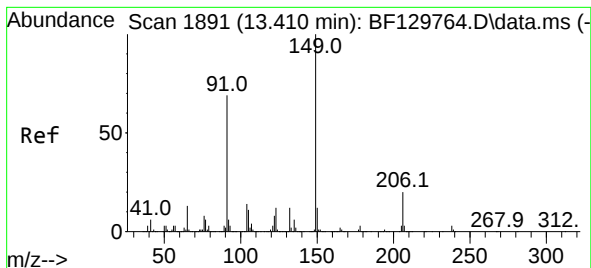
Ion Ratio Lower Upper

244 100

212 10.4 5.9 8.9#

122 12.8 9.9 14.9





#80

Butylbenzylphthalate

Concen: 48.083 ng

RT: 13.345 min Scan# 1891

Delta R.T. -0.000 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

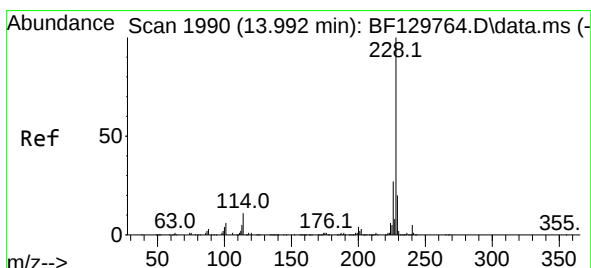
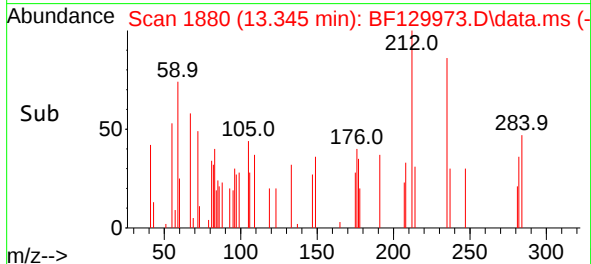
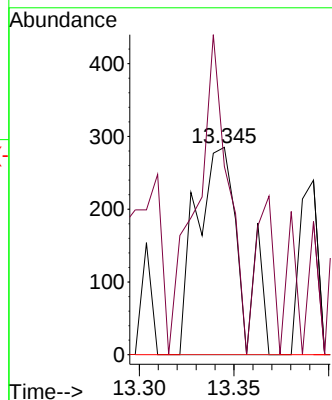
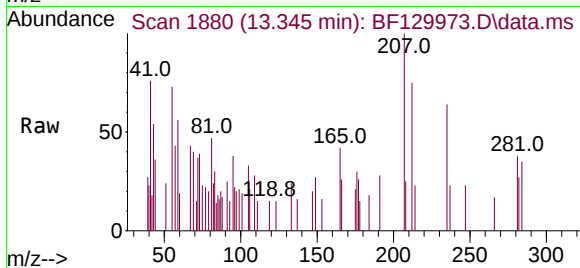
Tgt Ion:149 Resp: 465

Ion Ratio Lower Upper

149 100

91 90.9 55.4 83.0#

206 0.0 15.8 23.6#



#81

Benzo(a)anthracene

Concen: 17.687 ng

RT: 13.933 min Scan# 1980

Delta R.T. 0.006 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

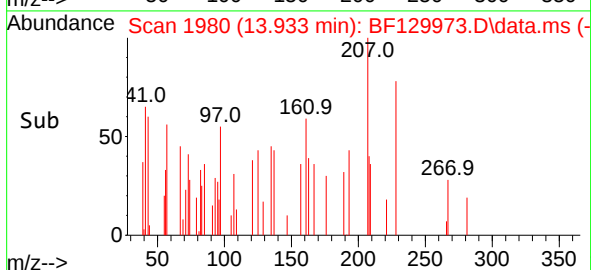
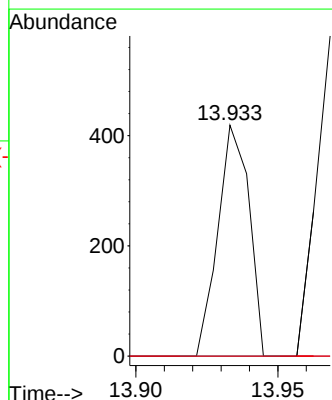
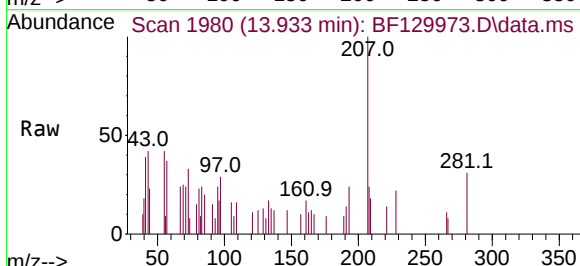
Tgt Ion:228 Resp: 320

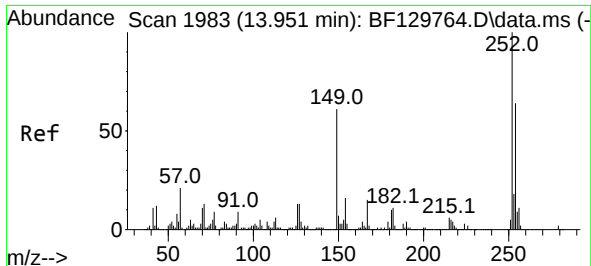
Ion Ratio Lower Upper

228 100

226 0.0 21.4 32.0#

229 0.0 16.1 24.1#





#82

3,3'-Dichlorobenzidine

Concen: 23.379 ng

RT: 13.898 min Scan# 1983

Delta R.T. 0.012 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

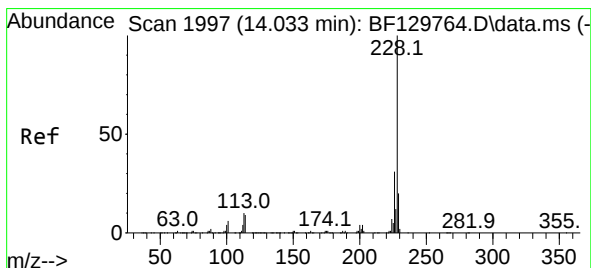
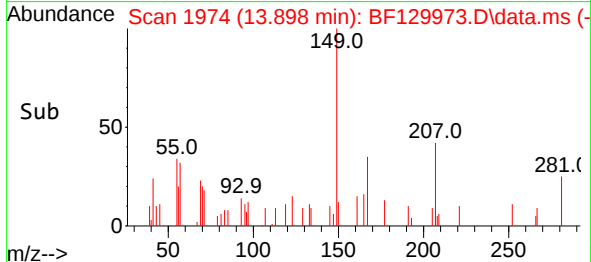
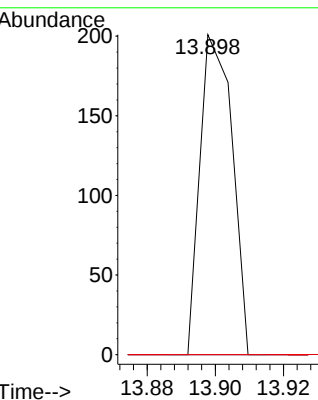
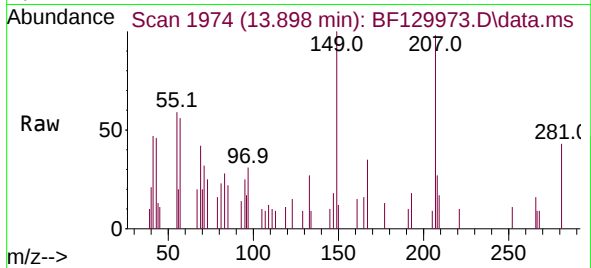
Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:252	Resp:	131
Ion Ratio	Lower	Upper
252	100	
254	0.0	51.4 77.2#
126	0.0	10.2 15.4#



#83

Chrysene

Concen: 20.844 ng

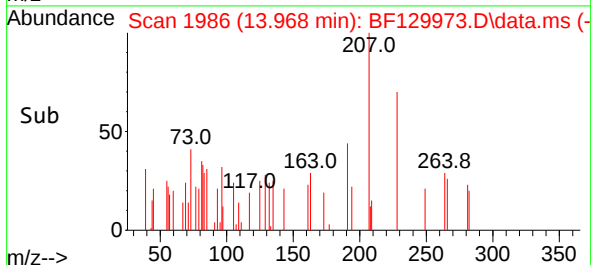
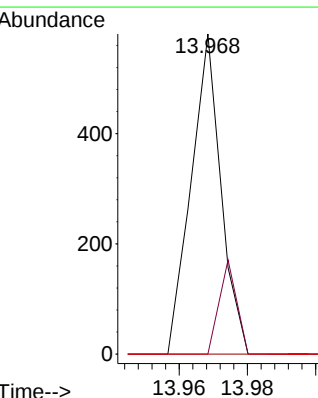
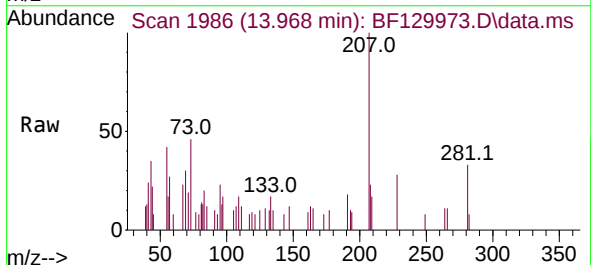
RT: 13.968 min Scan# 1986

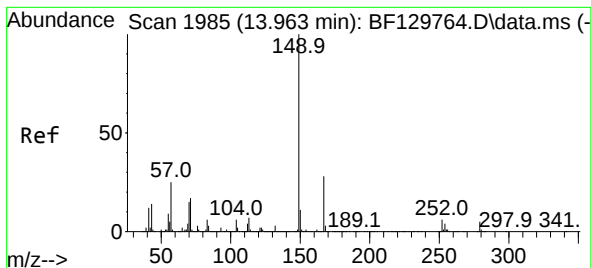
Delta R.T. -0.000 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

Tgt Ion:228	Resp:	353
Ion Ratio	Lower	Upper
228	100	
226	0.0	24.4 36.6#
229	0.0	15.9 23.9#

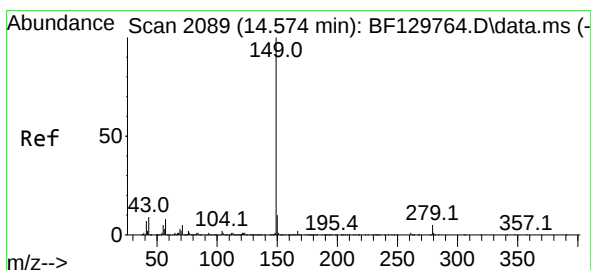
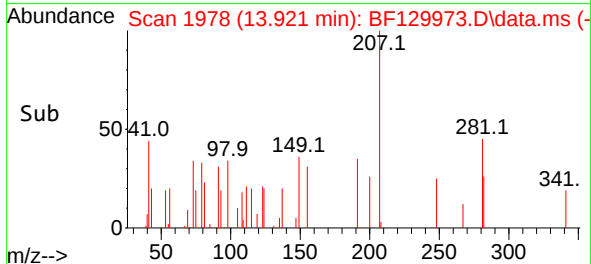
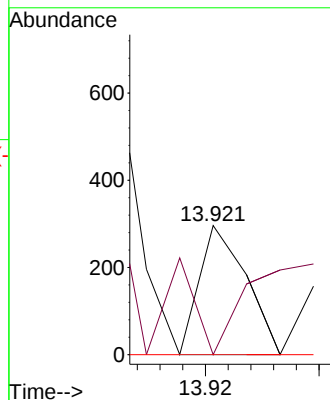
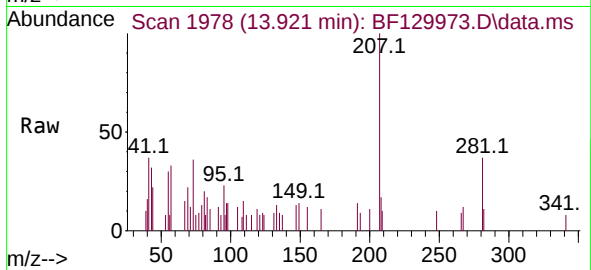




#84
Bis(2-ethylhexyl)phthalate
Concen: 14.730 ng
RT: 13.921 min Scan# 1985
Delta R.T. 0.023 min
Lab File: BF129973.D
Acq: 24 Aug 2022 15:32

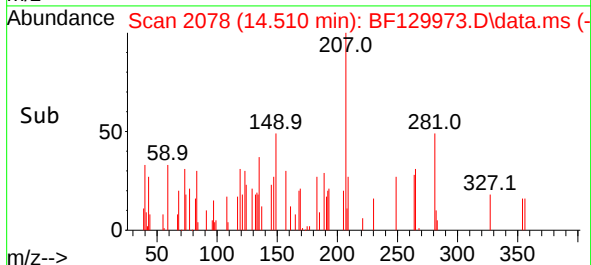
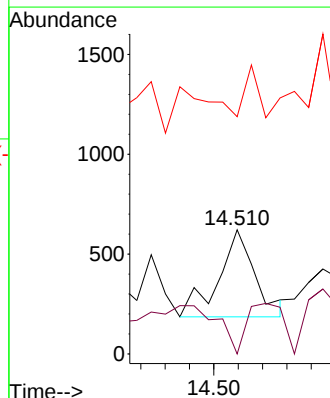
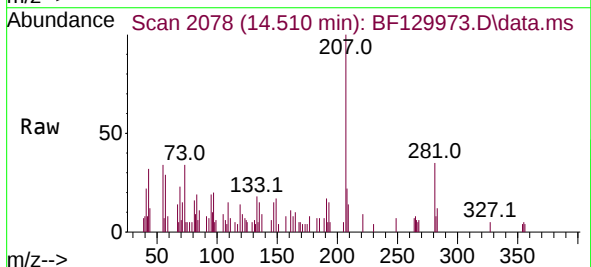
Instrument :
BNA_F
ClientSampleId :
DFTPP

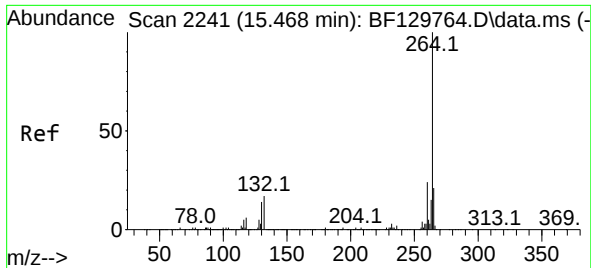
Tgt Ion:149 Resp: 169
Ion Ratio Lower Upper
149 100
167 0.0 22.0 33.0#
279 0.0 3.6 5.4#



#85
Di-n-octyl phthalate
Concen: 28.601 ng
RT: 14.510 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BF129973.D
Acq: 24 Aug 2022 15:32

Tgt Ion:149 Resp: 453
Ion Ratio Lower Upper
149 100
167 56.5 1.3 1.9#
43 0.0 7.8 11.6#

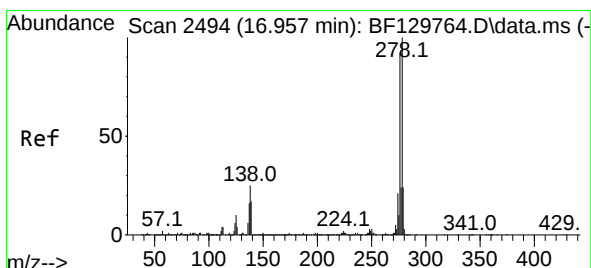
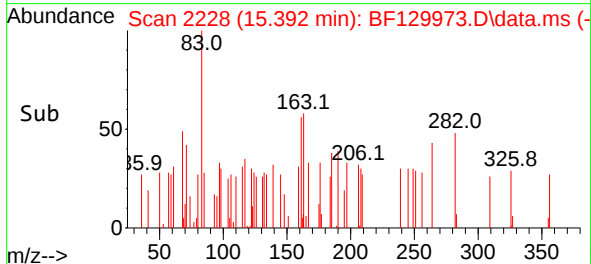
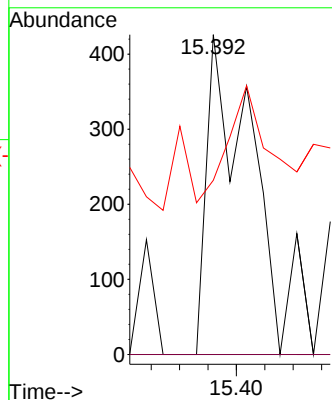
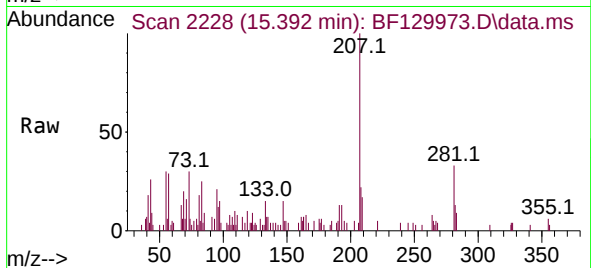




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129973.D
Acq: 24 Aug 2022 15:32

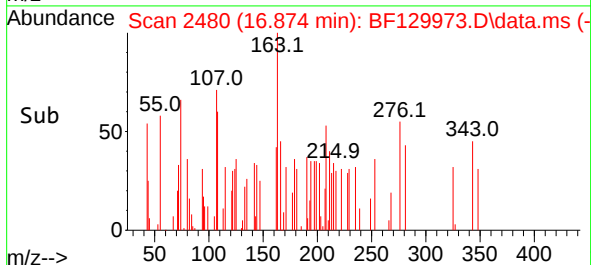
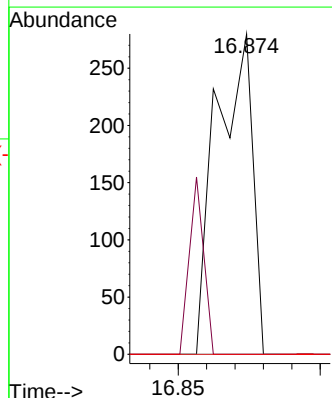
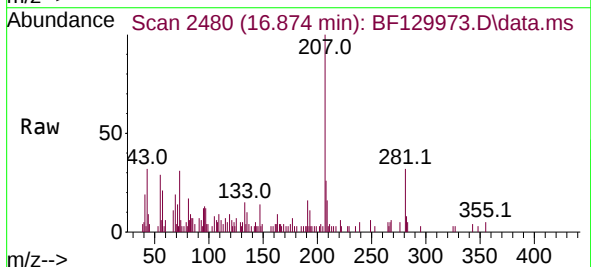
Instrument :
BNA_F
ClientSampleId :
DFTPP

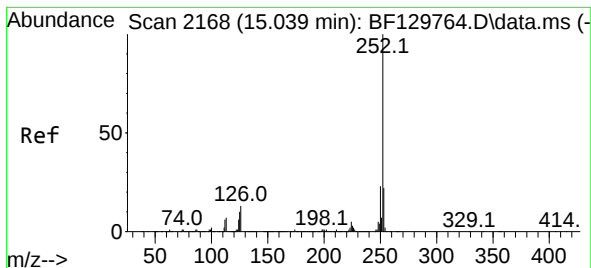
Tgt Ion:264 Resp: 433
Ion Ratio Lower Upper
264 100
260 0.0 19.1 28.7#
265 54.5 16.7 25.1#



#87
Indeno(1,2,3-cd)pyrene
Concen: 8.309 ng
RT: 16.874 min Scan# 2480
Delta R.T. 0.035 min
Lab File: BF129973.D
Acq: 24 Aug 2022 15:32

Tgt Ion:276 Resp: 247
Ion Ratio Lower Upper
276 100
138 22.3 19.8 29.8
277 0.0 20.4 30.6#





#88

Benzo(b)fluoranthene

Concen: 7.690 ng

RT: 14.980 min Scan# 2168

Delta R.T. 0.012 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

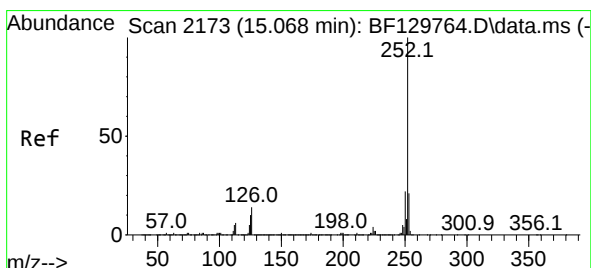
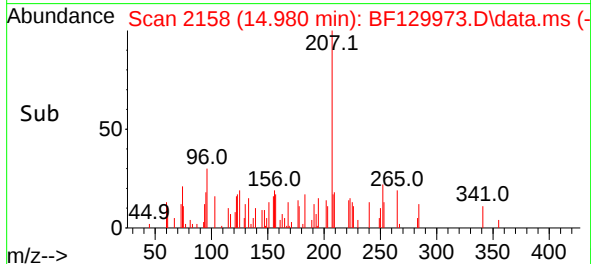
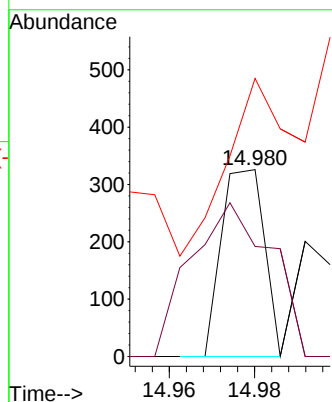
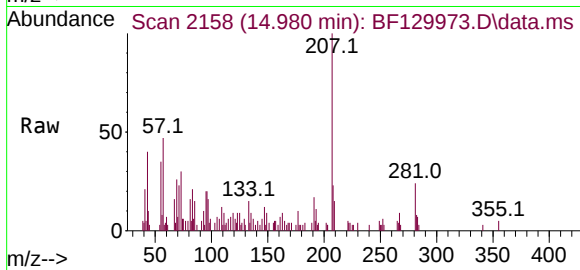
Tgt Ion:252 Resp: 228

Ion Ratio Lower Upper

252 100

253 58.9 17.5 26.3#

125 148.8 8.3 12.5#



#89

Benzo(k)fluoranthene

Concen: 13.118 ng

RT: 15.015 min Scan# 2164

Delta R.T. 0.018 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

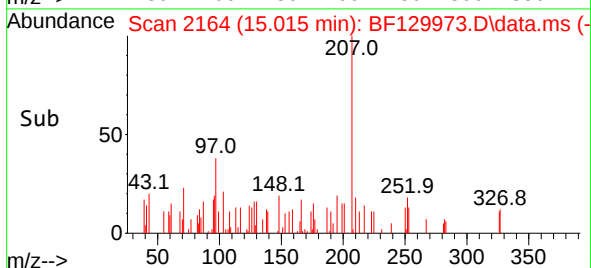
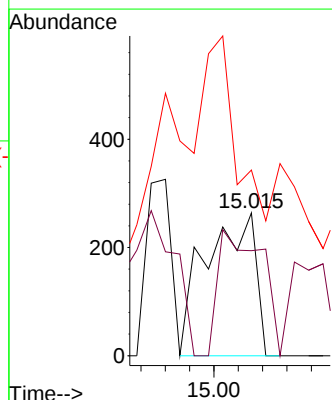
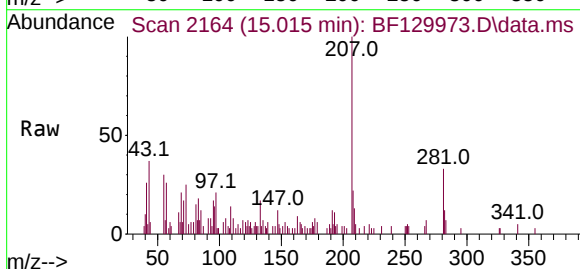
Tgt Ion:252 Resp: 373

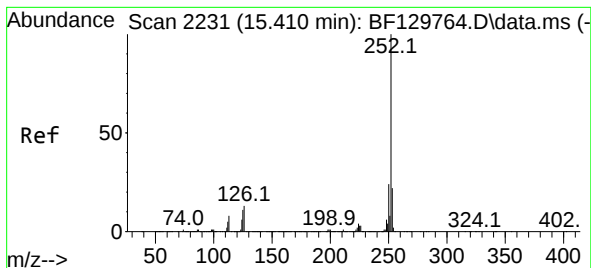
Ion Ratio Lower Upper

252 100

253 73.5 17.1 25.7#

125 129.9 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 5.439 ng

RT: 15.327 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

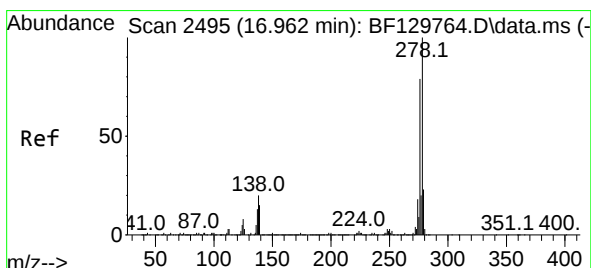
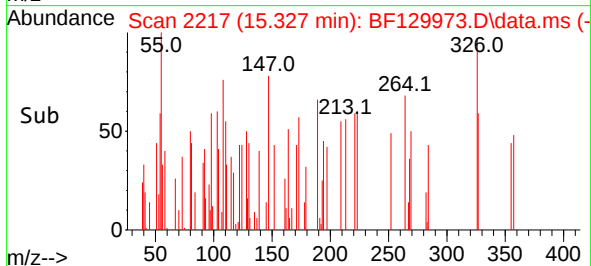
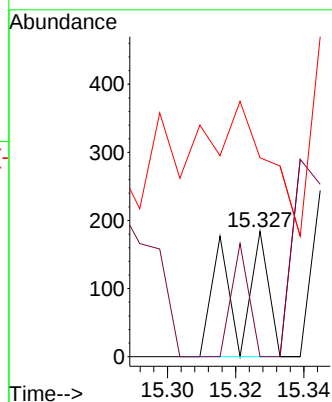
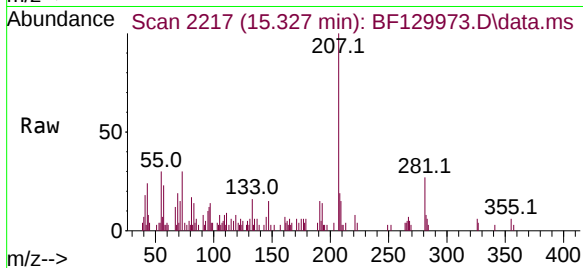
Tgt Ion:252 Resp: 127

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

125 158.7 8.8 13.2#



#91

Dibenzo(a,h)anthracene

Concen: 2.650 ng

RT: 16.862 min Scan# 2478

Delta R.T. 0.023 min

Lab File: BF129973.D

Acq: 24 Aug 2022 15:32

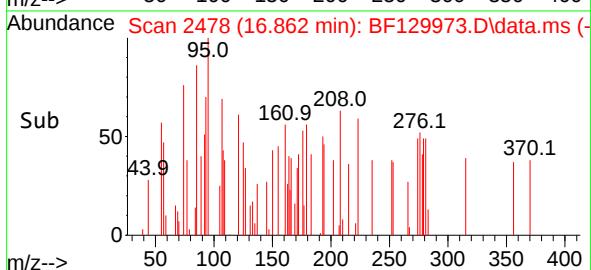
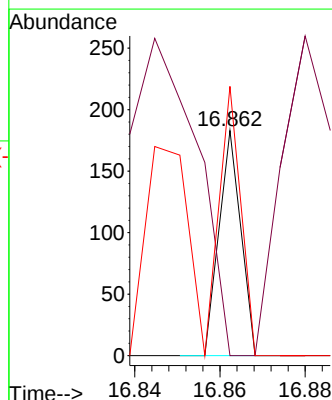
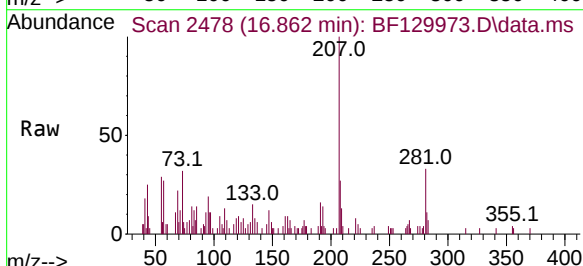
Tgt Ion:278 Resp: 65

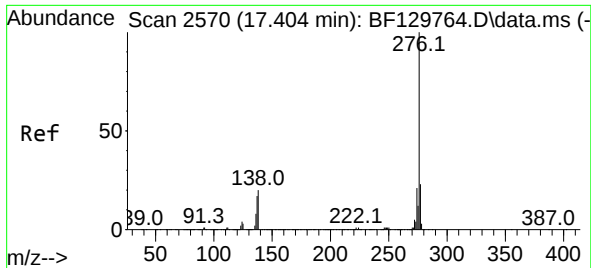
Ion Ratio Lower Upper

278 100

139 0.0 12.2 18.4#

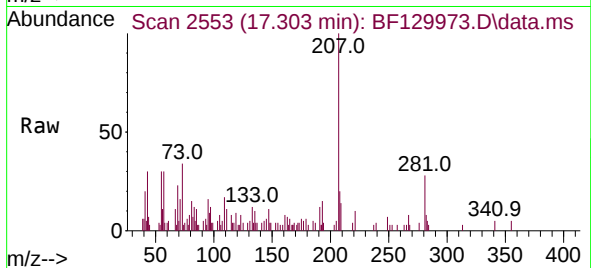
279 119.7 18.7 28.1#





#92
 Benzo(g,h,i)perylene
 Concen: 10.053 ng
 RT: 17.303 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF129973.D
 Acq: 24 Aug 2022 15:32

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP



Tgt Ion: 276 Resp: 246
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.2 27.4#
 138 0.0 15.8 23.8#

