

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129845.D
 Acq On : 17 Aug 2022 15:45
 Operator : CG\JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Aug 17 17:53:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

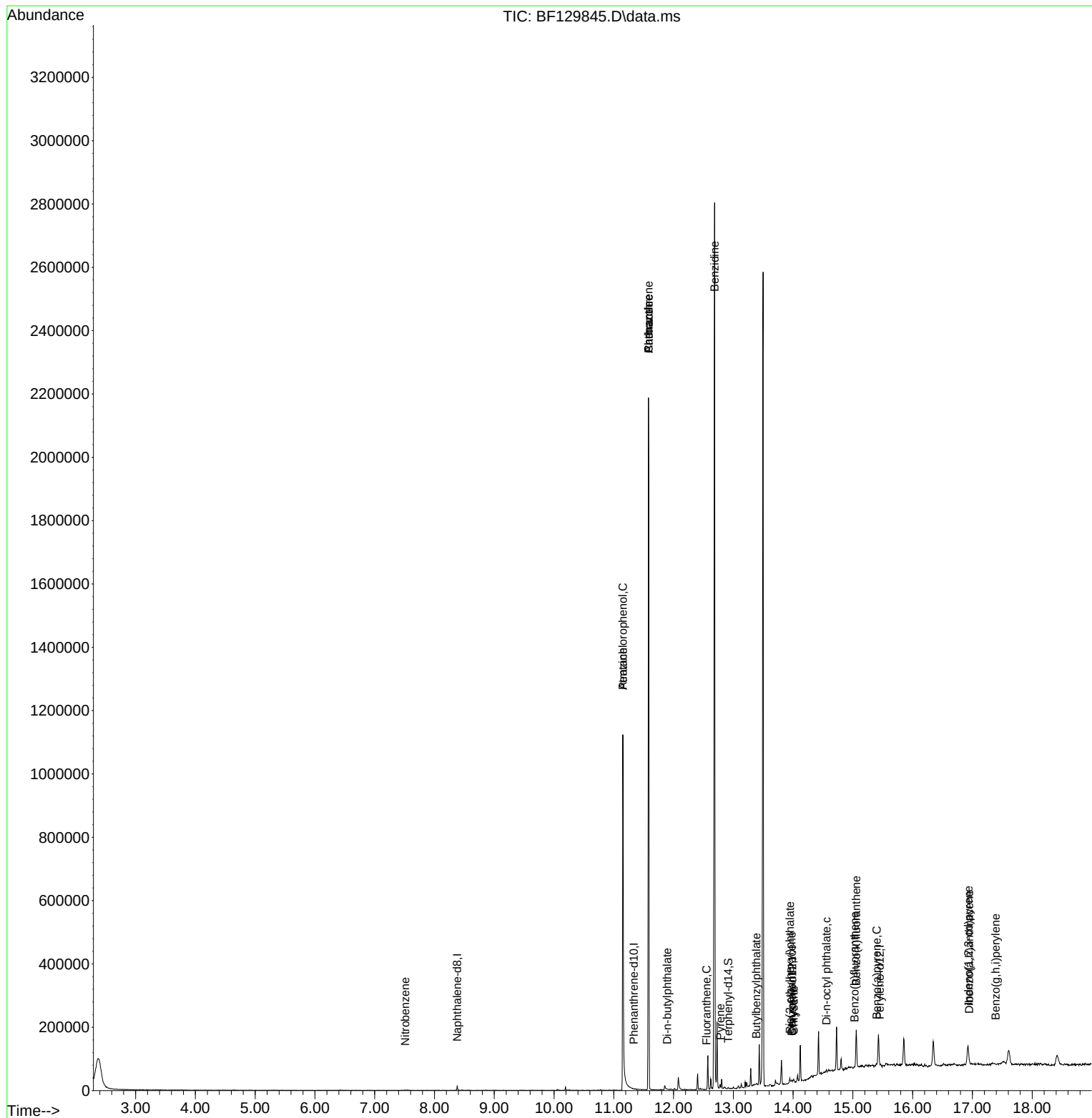
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.82
21) Naphthalene-d8	8.381	136	322	20.000	ng	# 0.27
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-9.86
64) Phenanthrene-d10	11.333	188	86	20.000	ng	#-0.02
76) Chrysene-d12	13.986	240	2248	20.000	ng	#-0.02
86) Perylene-d12	15.451	264	1669	20.000	ng	#-0.02
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	9.163	172	64	0.000	ng	-0.02
79) Terphenyl-d14	12.916	244	1619	11.984	ng	-0.02
Target Compounds						Qvalue
24) Nitrobenzene	7.510	77	74	12.200	ng	# 36
69) Atrazine	11.151	200	25967	29146.782	ng	# 36
70) Pentachlorophenol	11.151	266	138169	395091.798	ng	97
71) Phenanthrene	11.580	178	790	164.478	ng	# 1
72) Anthracene	11.580	178	790	165.396	ng	# 1
73) Carbazole	11.580	167	10071	2322.727	ng	# 80
74) Di-n-butylphthalate	11.892	149	818	146.587	ng	# 77
75) Fluoranthene	12.551	202	529	107.631	ng	64
77) Benzidine	12.686	184	1040268	21878.622	ng	100
78) Pyrene	12.780	202	2122	10.863	ng	# 79
80) Butylbenzylphthalate	13.386	149	833	10.077	ng	# 82
81) Benzo(a)anthracene	13.974	228	2915	18.850	ng	98
83) Chrysene	14.010	228	3450	23.833	ng	96
84) Bis(2-ethylhexyl)phtha...	13.945	149	5092	51.923	ng	# 97
85) Di-n-octyl phthalate	14.557	149	2956	21.835	ng	# 54
87) Indeno(1,2,3-cd)pyrene	16.933	276	932	8.134	ng	# 68
88) Benzo(b)fluoranthene	15.027	252	2473	21.639	ng	# 74
89) Benzo(k)fluoranthene	15.057	252	1839	16.779	ng	# 2
90) Benzo(a)pyrene	15.398	252	1783	19.811	ng	# 39
91) Dibenzo(a,h)anthracene	16.945	278	391	4.136	ng	# 1
92) Benzo(g,h,i)perylene	17.386	276	563	5.969	ng	# 52

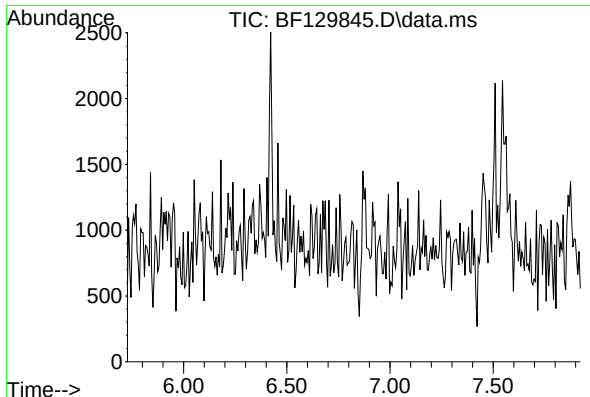
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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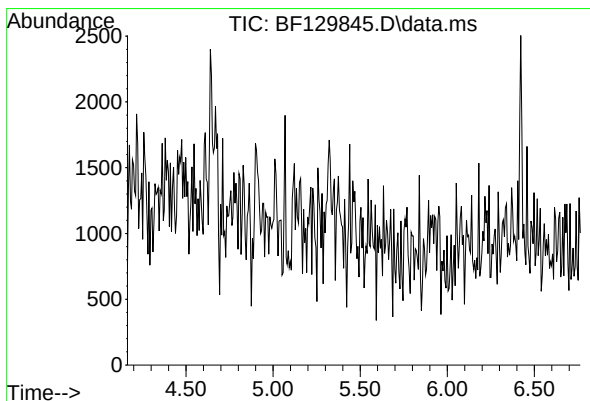
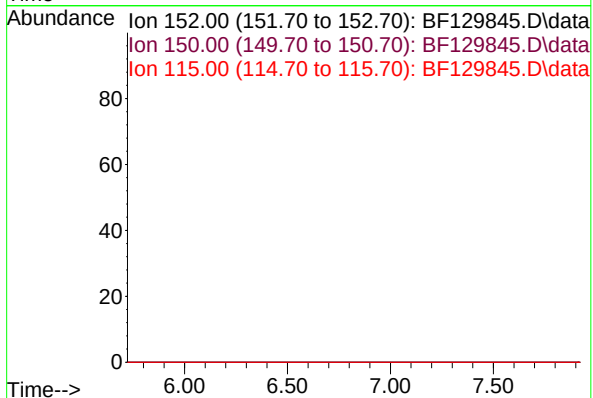


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.82 min
 Lab File: BF129845.D
 Acq: 17 Aug 2022 15:45

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 152

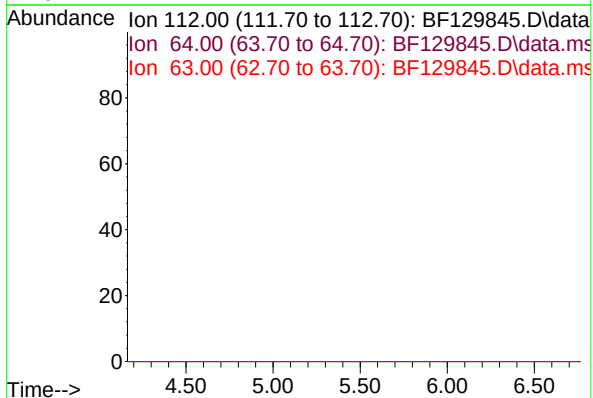
Sig	Exp Ratio
152	100
150	158.6
115	66.7

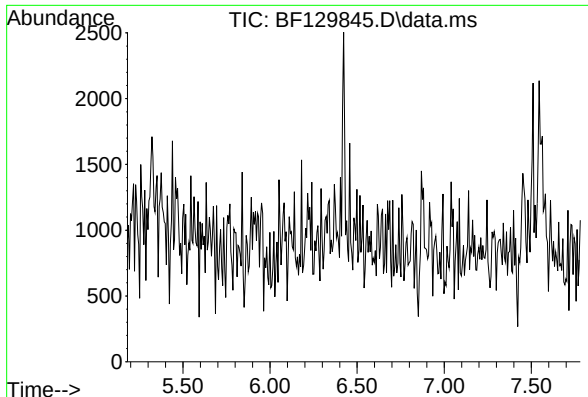


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.46 min
 Lab File: BF129845.D
 Acq: 17 Aug 2022 15:45

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.5
63	30.8



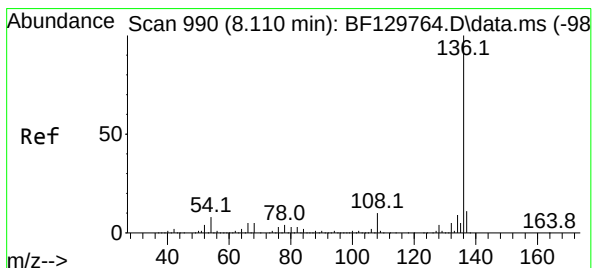
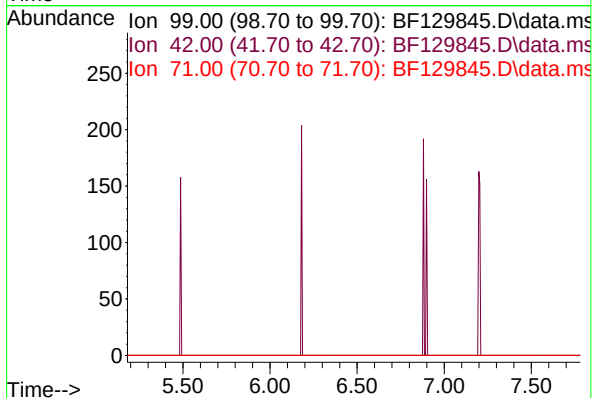


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.48 min
 Lab File: BF129845.D
 Acq: 17 Aug 2022 15:45

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 99

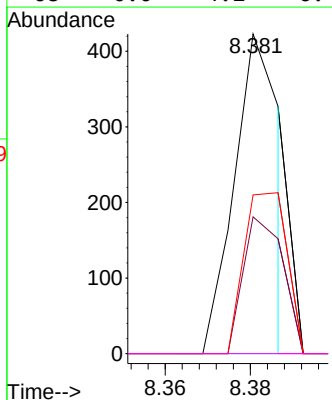
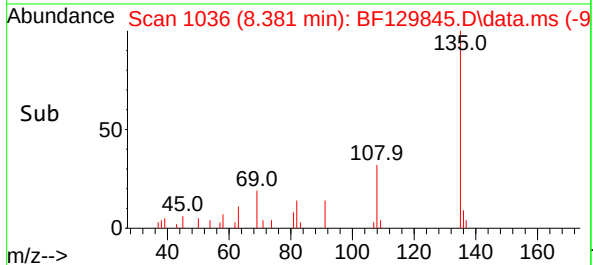
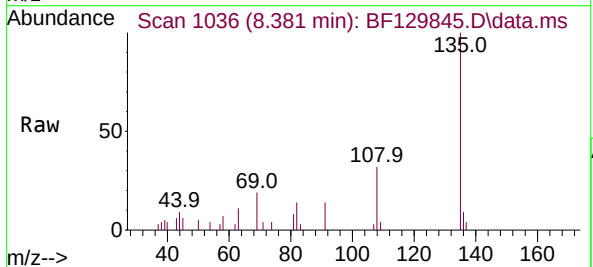
Sig	Exp Ratio
99	100
42	18.7
71	36.0

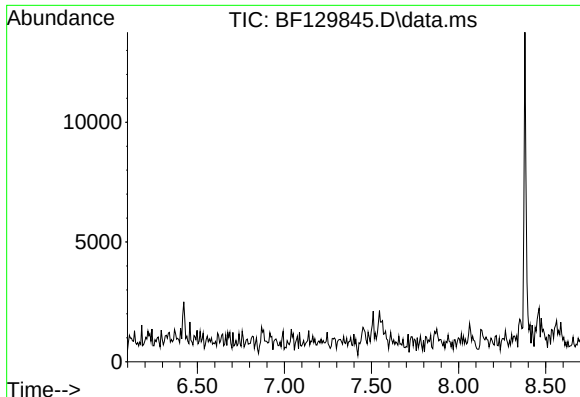


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.381 min Scan# 1036
 Delta R.T. 0.271 min
 Lab File: BF129845.D
 Acq: 17 Aug 2022 15:45

Tgt Ion: 136 Resp: 322

Ion	Ratio	Lower	Upper
136	100		
137	42.8	8.4	12.6#
54	49.6	6.2	9.2#
68	0.0	4.2	6.4#



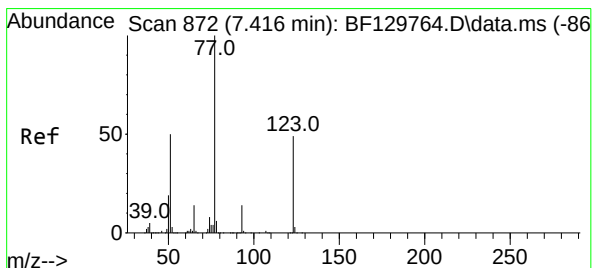
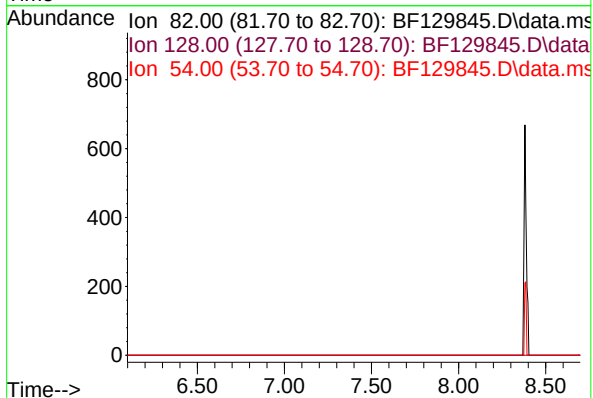


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.40 min
 Lab File: BF129845.D
 Acq: 17 Aug 2022 15:45

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 82

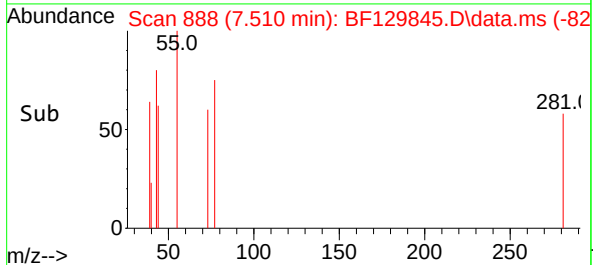
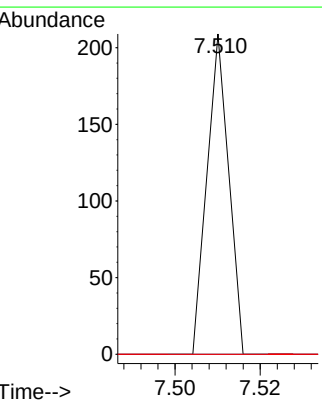
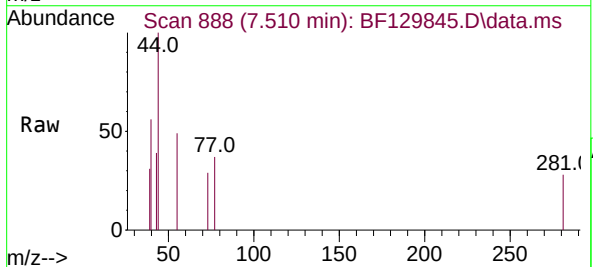
Sig	Exp Ratio
82	100
128	45.1
54	50.0

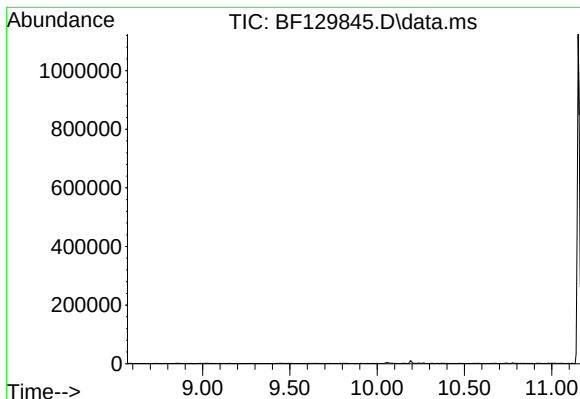


#24
 Nitrobenzene
 Concen: 12.200 ng
 RT: 7.510 min Scan# 888
 Delta R.T. 0.094 min
 Lab File: BF129845.D
 Acq: 17 Aug 2022 15:45

Tgt Ion: 77 Resp: 74

Ion	Ratio	Lower	Upper
77	100		
123	0.0	39.2	58.8#
65	0.0	11.1	16.7#



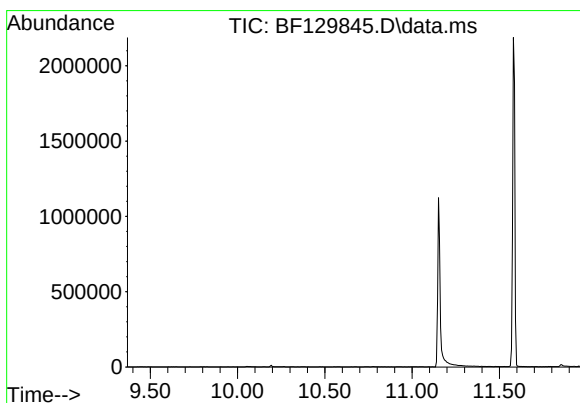
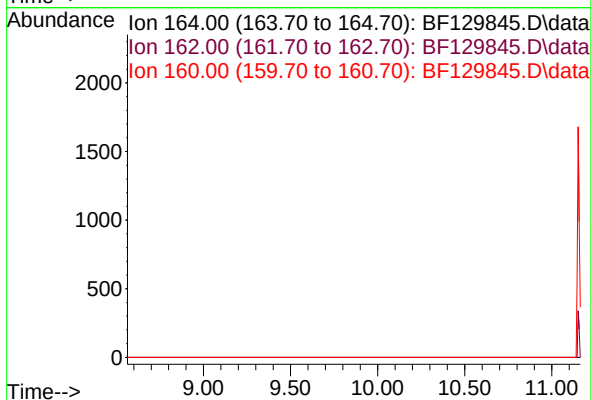


#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.86 min
 Lab File: BF129845.D
 Acq: 17 Aug 2022 15:45

Instrument :
 BNA_F
 ClientSampleId :
 DFTTP

Tgt Ion: 164

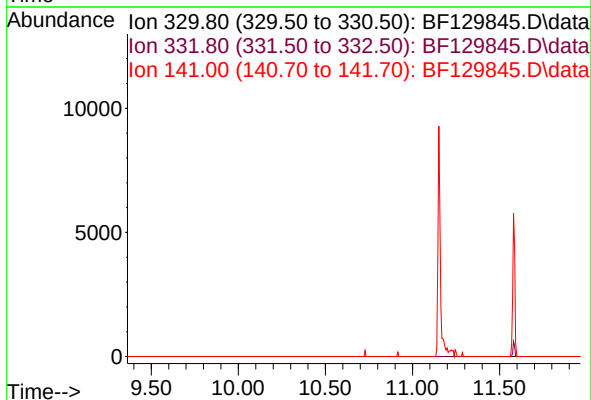
Sig	Exp Ratio
164	100
162	102.5
160	44.2

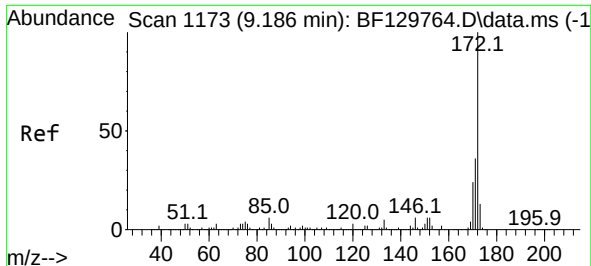


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.66 min
 Lab File: BF129845.D
 Acq: 17 Aug 2022 15:45

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	103.3
141	34.5

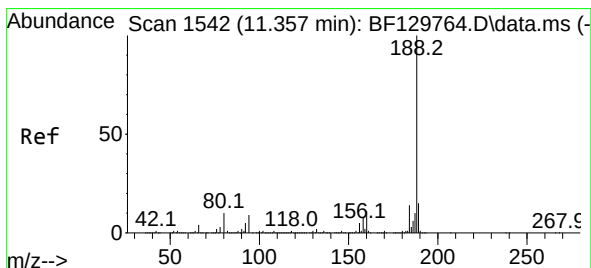
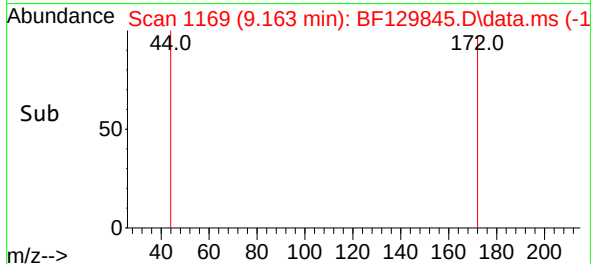
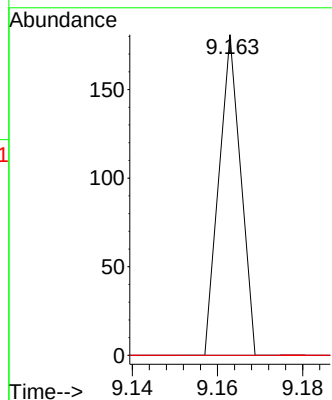
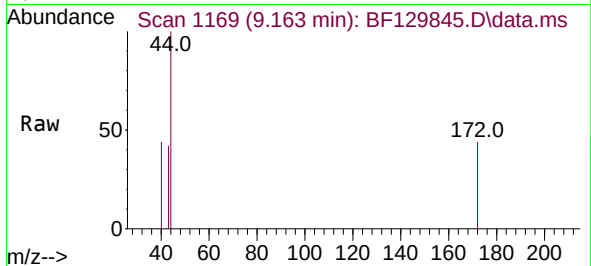




#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 9.163 min Scan# 1173
Delta R.T. -0.024 min
Lab File: BF129845.D
Acq: 17 Aug 2022 15:45

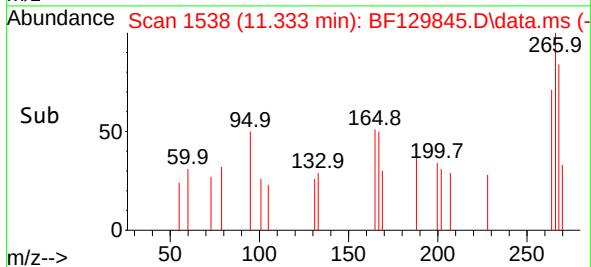
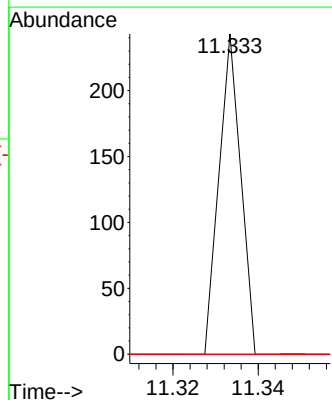
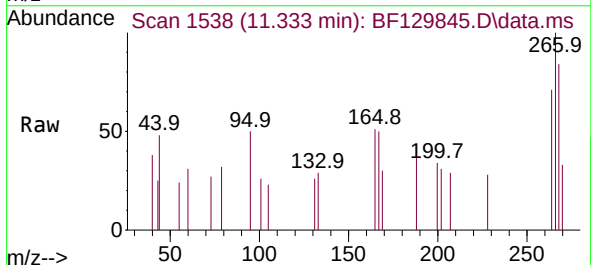
Instrument :
BNA_F
ClientSampleId :
DFTPP

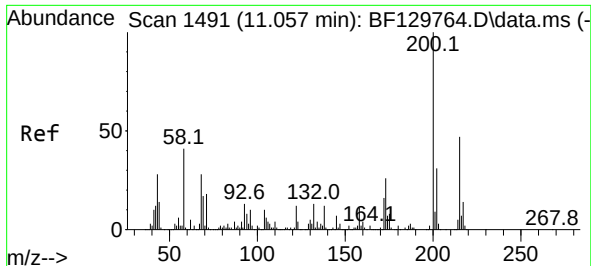
Tgt Ion:172 Resp: 64
Ion Ratio Lower Upper
172 100
171 0.0 28.4 42.6#
170 0.0 19.1 28.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.024 min
Lab File: BF129845.D
Acq: 17 Aug 2022 15:45

Tgt Ion:188 Resp: 86
Ion Ratio Lower Upper
188 100
94 0.0 7.4 11.2#
80 0.0 7.9 11.9#

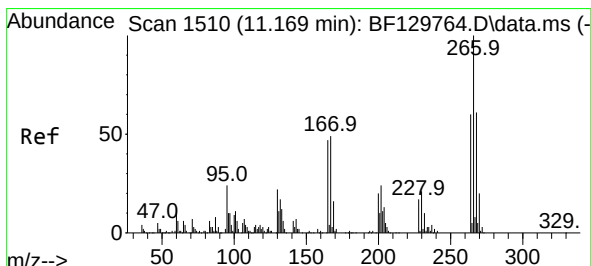
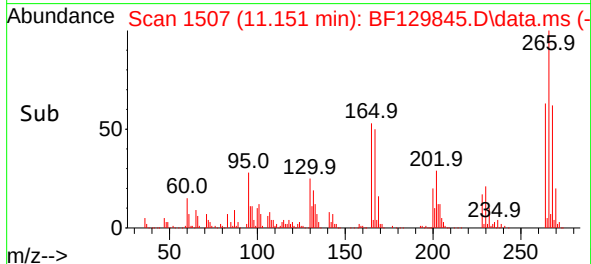
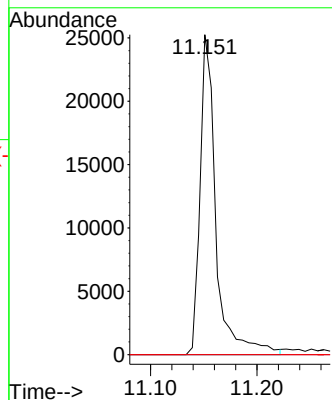
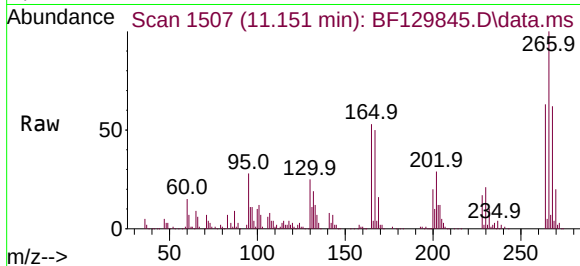




#69
Atrazine
Concen: 29146.782 ng
RT: 11.151 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF129845.D
Acq: 17 Aug 2022 15:45

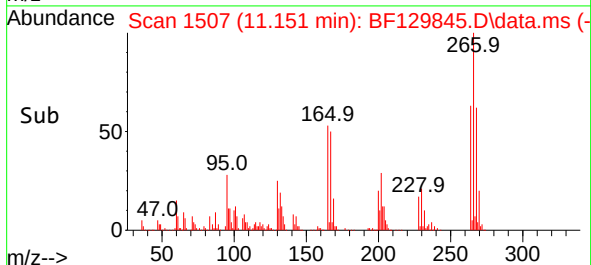
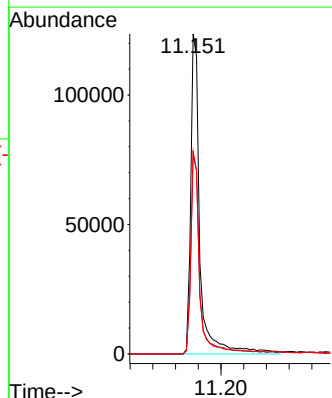
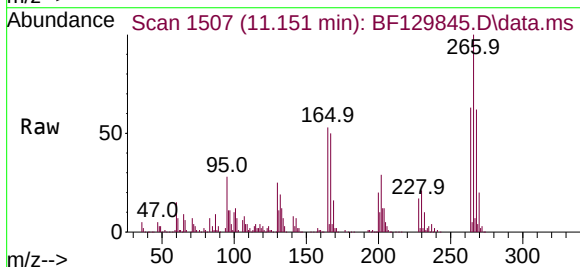
Instrument :
BNA_F
ClientSampleId :
DFTPP

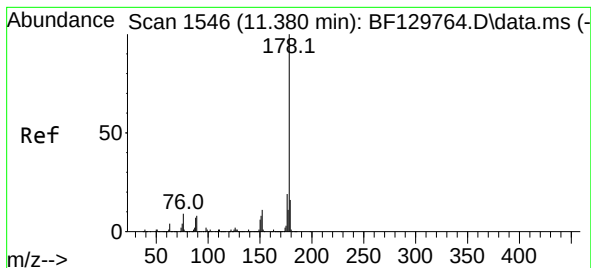
Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	6.4	46.4#
215	0.0	27.1	67.1#



#70
Pentachlorophenol
Concen: 395091.798 ng
RT: 11.151 min Scan# 1507
Delta R.T. -0.018 min
Lab File: BF129845.D
Acq: 17 Aug 2022 15:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	49.0	73.4
264	63.3	47.9	71.9





#71

Phenanthrene

Concen: 164.478 ng

RT: 11.580 min Scan# 1580

Delta R.T. 0.200 min

Lab File: BF129845.D

Acq: 17 Aug 2022 15:45

Instrument :

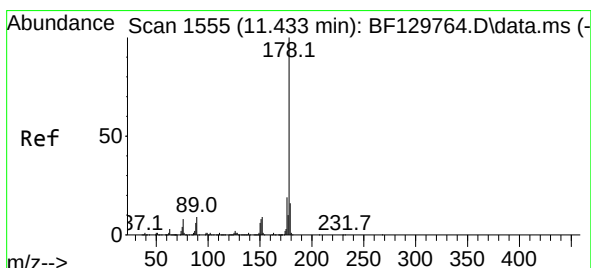
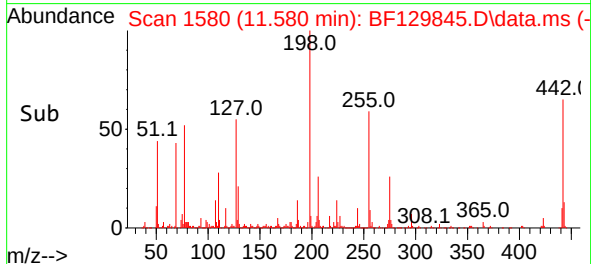
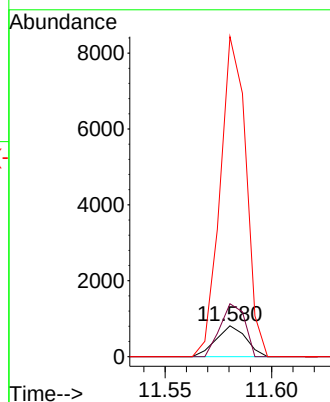
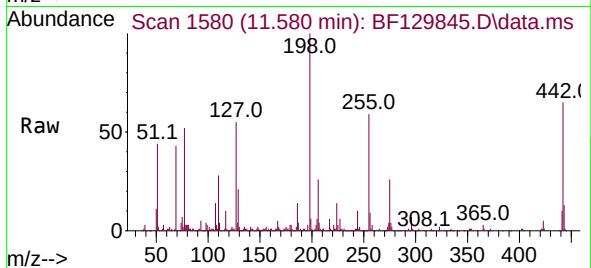
BNA_F

ClientSampleId :

DFTPP

Tgt Ion:178 Resp: 790

Ion	Ratio	Lower	Upper
178	100		
176	171.7	15.5	23.3#
179	1037.5	12.5	18.7#



#72

Anthracene

Concen: 165.396 ng

RT: 11.580 min Scan# 1580

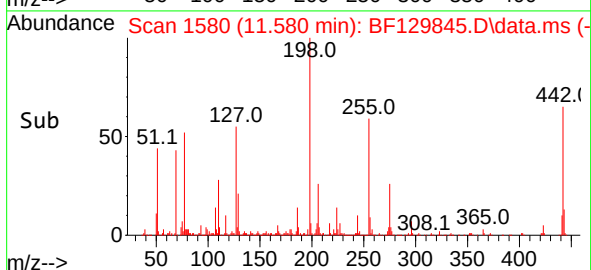
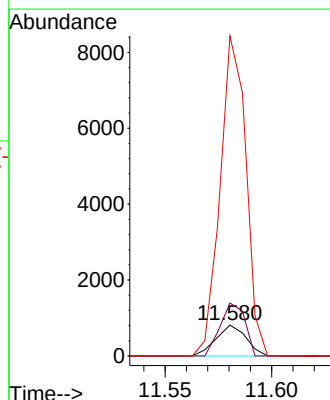
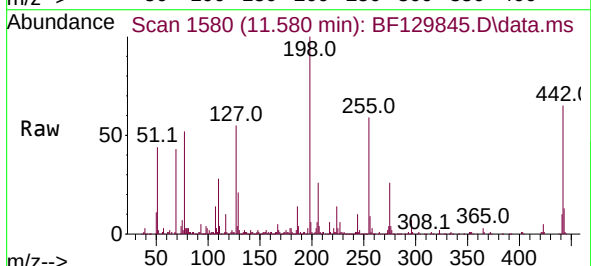
Delta R.T. 0.147 min

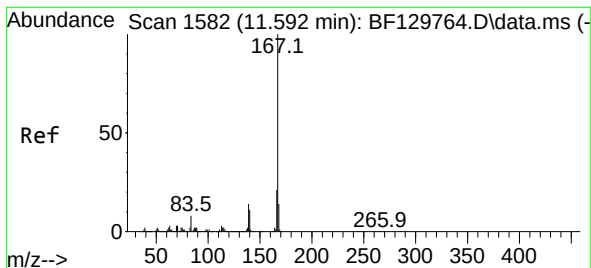
Lab File: BF129845.D

Acq: 17 Aug 2022 15:45

Tgt Ion:178 Resp: 790

Ion	Ratio	Lower	Upper
178	100		
176	171.7	15.1	22.7#
179	1037.5	12.6	18.8#





#73

Carbazole

Concen: 2322.727 ng

RT: 11.580 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129845.D

Acq: 17 Aug 2022 15:45

Instrument :

BNA_F

ClientSampleId :

DFTPP

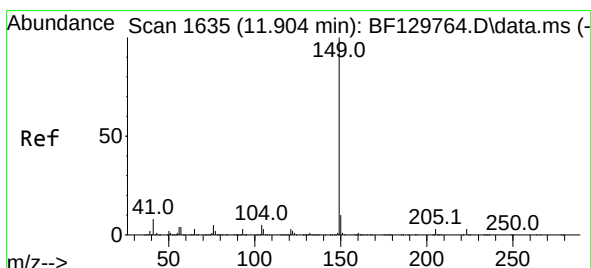
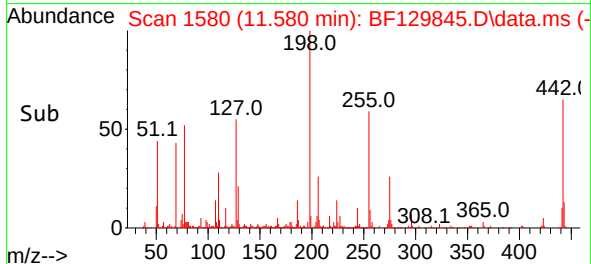
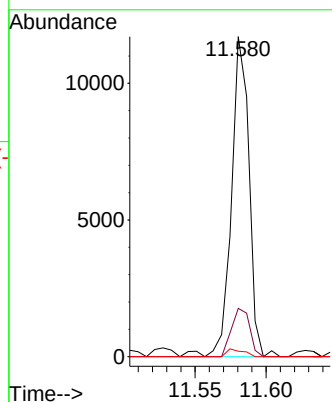
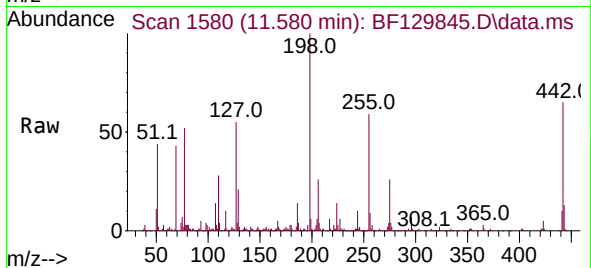
Tgt Ion:167 Resp: 10071

Ion Ratio Lower Upper

167 100

166 15.1 17.1 25.7#

139 1.7 11.0 16.6#



#74

Di-n-butylphthalate

Concen: 146.587 ng

RT: 11.892 min Scan# 1633

Delta R.T. -0.012 min

Lab File: BF129845.D

Acq: 17 Aug 2022 15:45

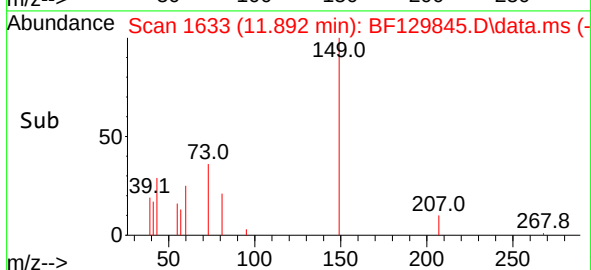
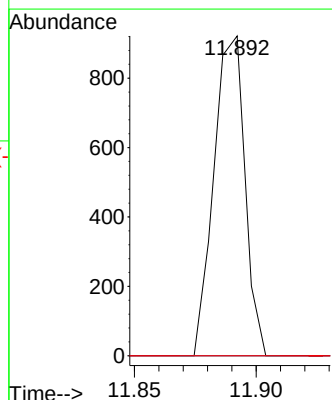
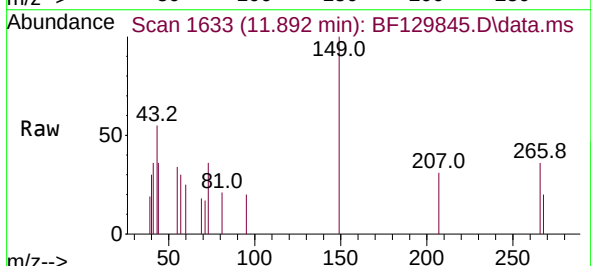
Tgt Ion:149 Resp: 818

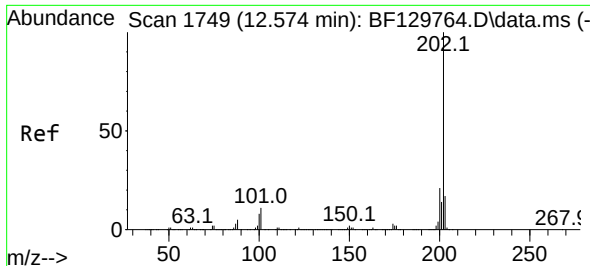
Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 4.2 6.4#

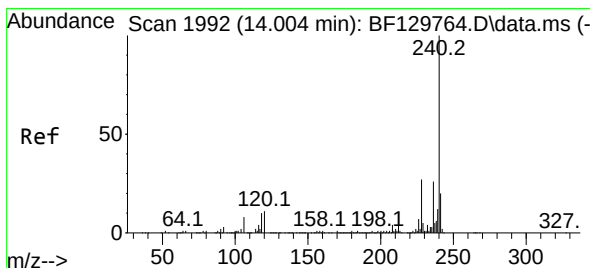
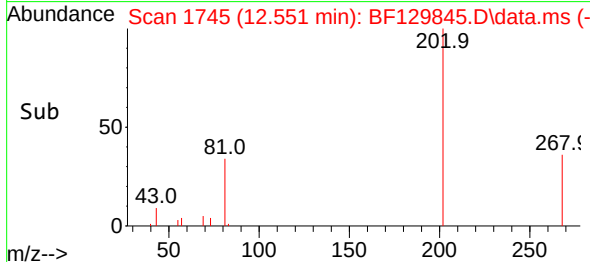
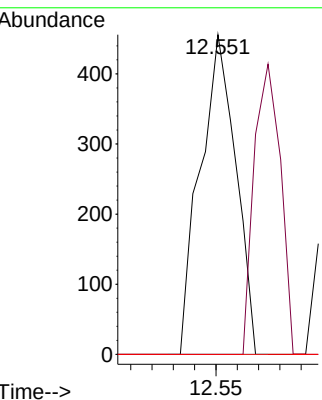
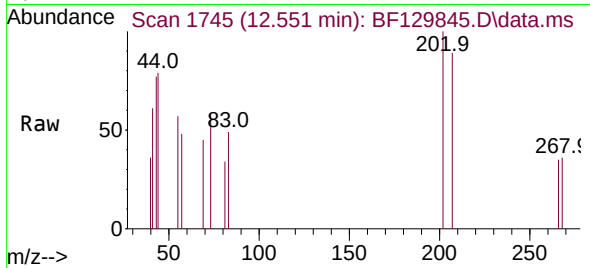




#75
Fluoranthene
Concen: 107.631 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF129845.D
Acq: 17 Aug 2022 15:45

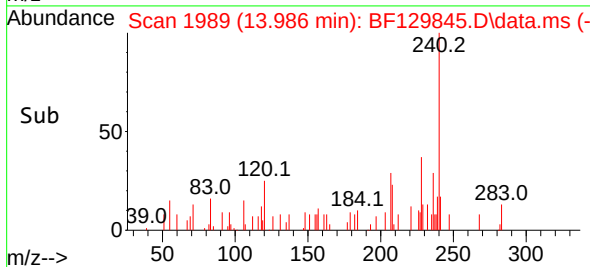
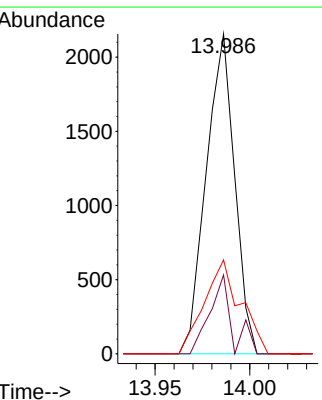
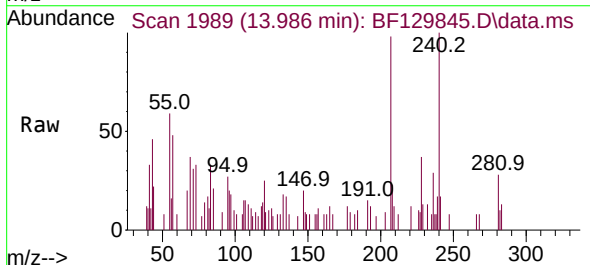
Instrument :
BNA_F
ClientSampleId :
DFTPP

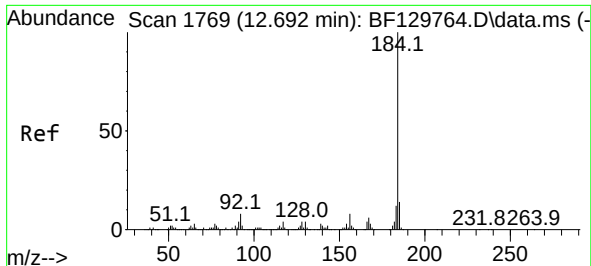
Tgt Ion:	202	Resp:	529
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.7
203	0.0	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.018 min
Lab File: BF129845.D
Acq: 17 Aug 2022 15:45

Tgt Ion:	240	Resp:	2248
Ion	Ratio	Lower	Upper
240	100		
120	24.7	9.2	13.8
236	29.3	20.7	31.1

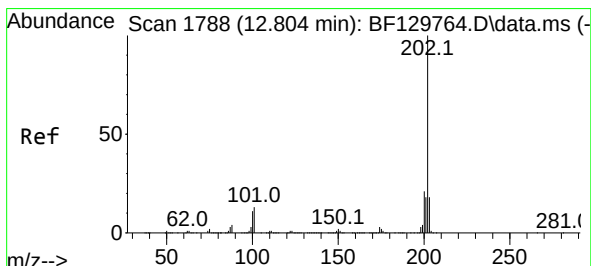
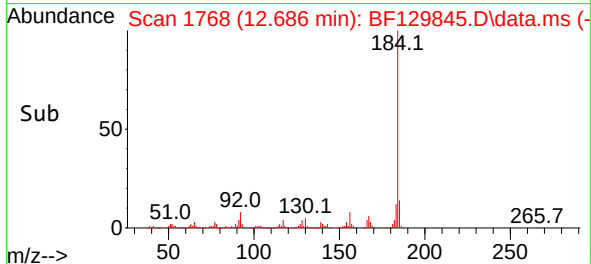
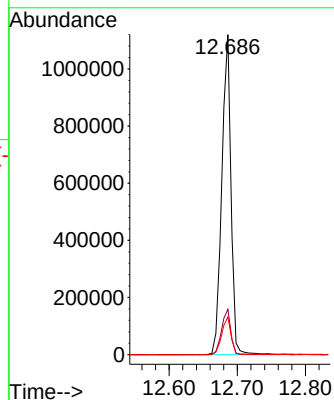
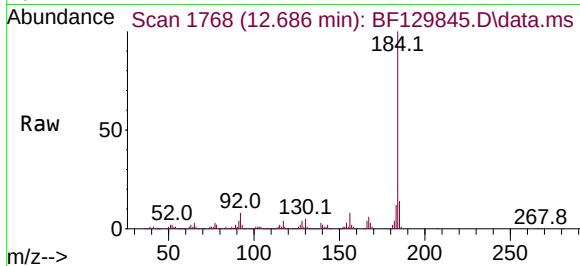




#77
Benzidine
Concen: 21878.622 ng
RT: 12.686 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BF129845.D
Acq: 17 Aug 2022 15:45

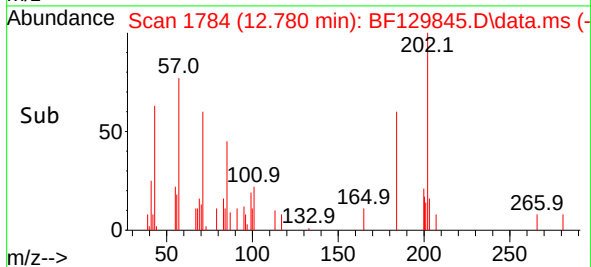
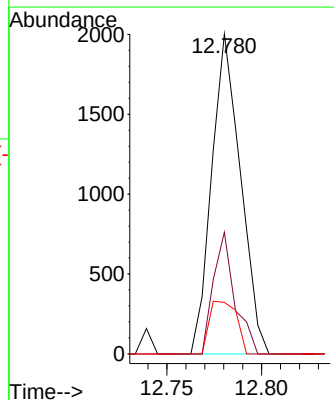
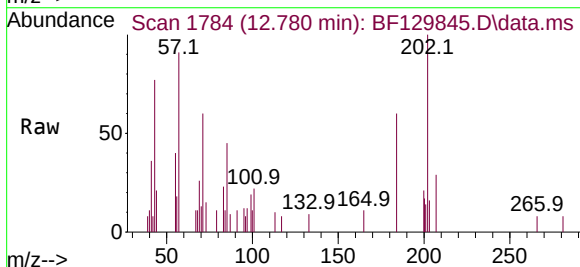
Instrument :
BNA_F
ClientSampleId :
DFTPP

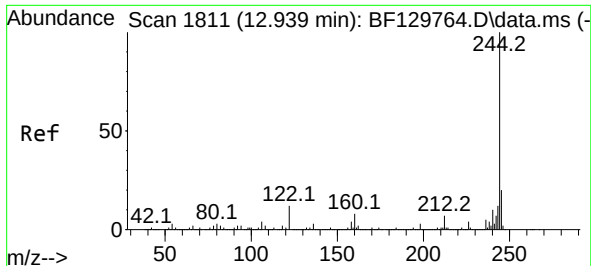
Tgt Ion:184 Resp: 1040268
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 11.7 9.4 14.2



#78
Pyrene
Concen: 10.863 ng
RT: 12.780 min Scan# 1784
Delta R.T. -0.024 min
Lab File: BF129845.D
Acq: 17 Aug 2022 15:45

Tgt Ion:202 Resp: 2122
Ion Ratio Lower Upper
202 100
200 38.0 17.0 25.6#
203 16.1 14.1 21.1





#79

Terphenyl-d14

Concen: 11.984 ng

RT: 12.916 min Scan# 1807

Delta R.T. -0.024 min

Lab File: BF129845.D

Acq: 17 Aug 2022 15:45

Instrument :

BNA_F

ClientSampleId :

DFTPP

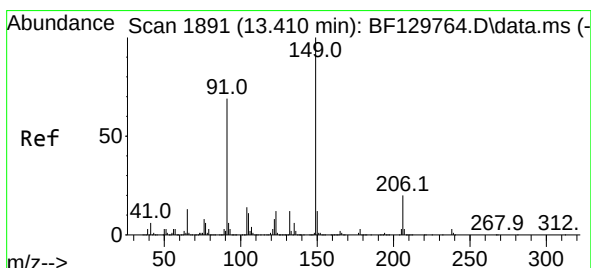
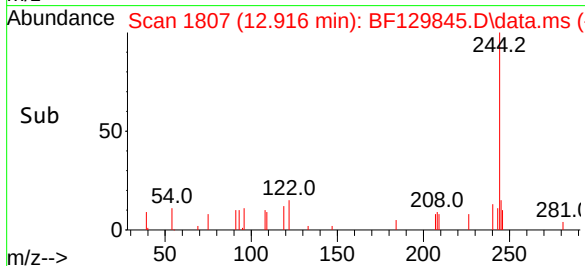
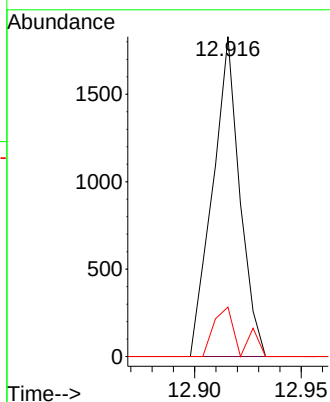
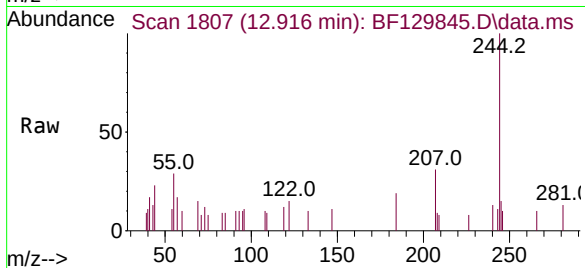
Tgt Ion:244 Resp: 1619

Ion Ratio Lower Upper

244 100

212 0.0 5.9 8.9#

122 15.5 9.9 14.9#



#80

Butylbenzylphthalate

Concen: 10.077 ng

RT: 13.386 min Scan# 1887

Delta R.T. -0.024 min

Lab File: BF129845.D

Acq: 17 Aug 2022 15:45

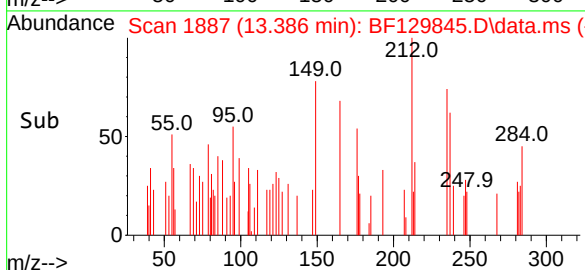
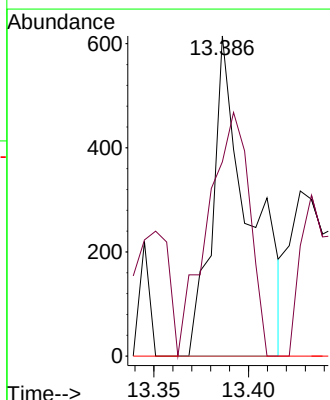
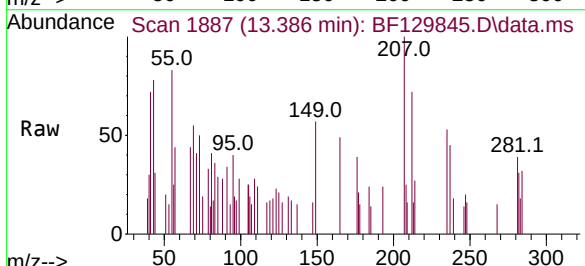
Tgt Ion:149 Resp: 833

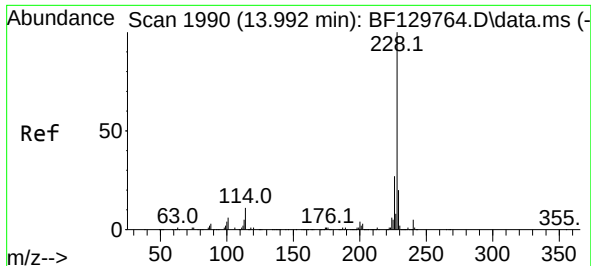
Ion Ratio Lower Upper

149 100

91 60.7 55.4 83.0

206 0.0 15.8 23.6#

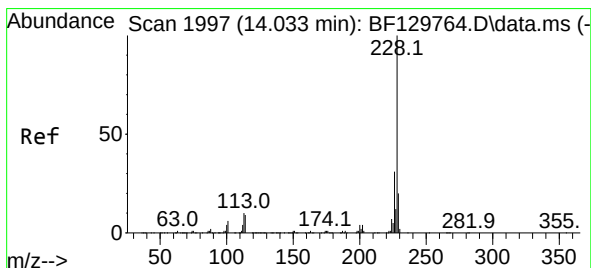
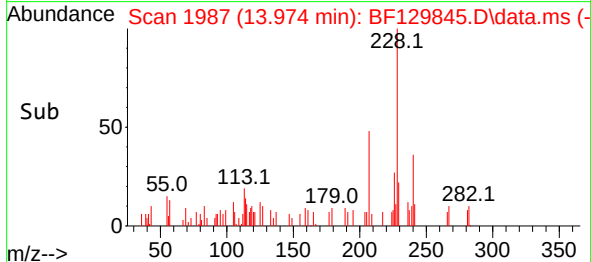
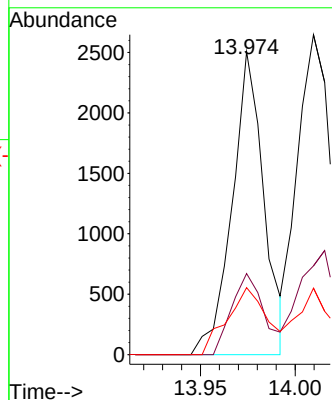
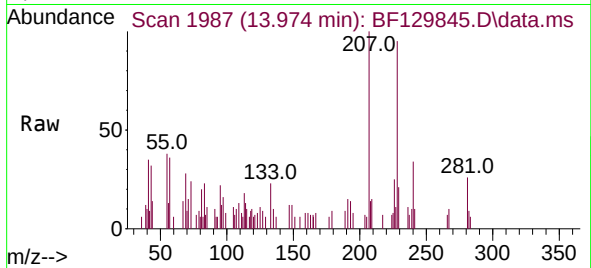




#81
Benzo(a)anthracene
Concen: 18.850 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.018 min
Lab File: BF129845.D
Acq: 17 Aug 2022 15:45

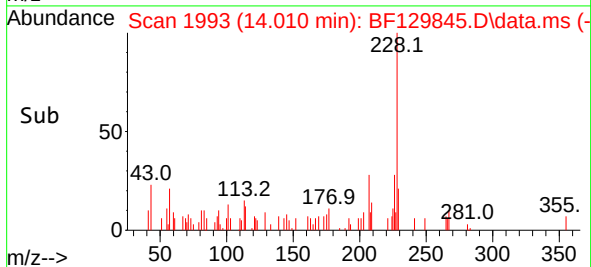
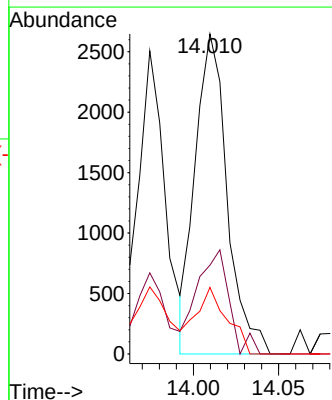
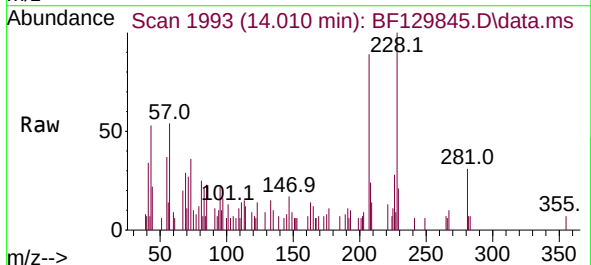
Instrument :
BNA_F
ClientSampleId :
DFTPP

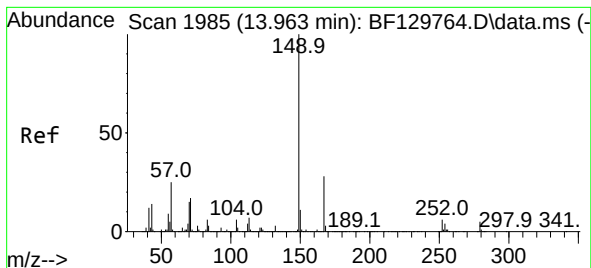
Tgt Ion:228 Resp: 2915
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 22.1 16.1 24.1



#83
Chrysene
Concen: 23.833 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.024 min
Lab File: BF129845.D
Acq: 17 Aug 2022 15:45

Tgt Ion:228 Resp: 3450
Ion Ratio Lower Upper
228 100
226 27.8 24.4 36.6
229 20.8 15.9 23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 51.923 ng

RT: 13.945 min Scan# 1985

Delta R.T. -0.018 min

Lab File: BF129845.D

Acq: 17 Aug 2022 15:45

Instrument :

BNA_F

ClientSampleId :

DFTPP

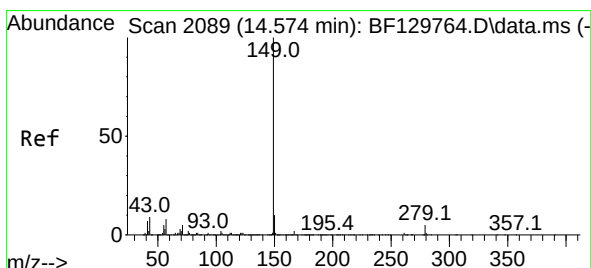
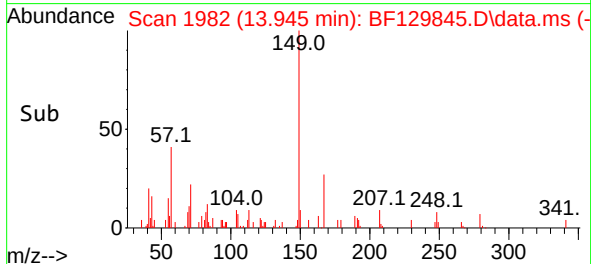
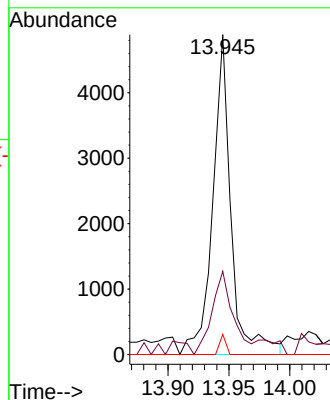
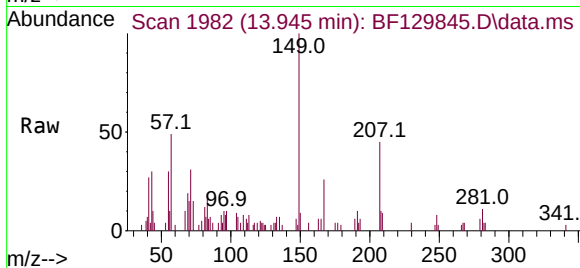
Tgt Ion:149 Resp: 5092

Ion Ratio Lower Upper

149 100

167 26.0 22.0 33.0

279 6.3 3.6 5.4#



#85

Di-n-octyl phthalate

Concen: 21.835 ng

RT: 14.557 min Scan# 2086

Delta R.T. -0.018 min

Lab File: BF129845.D

Acq: 17 Aug 2022 15:45

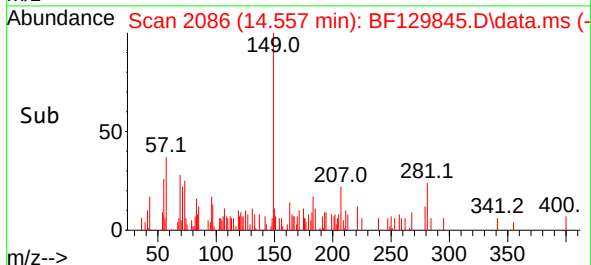
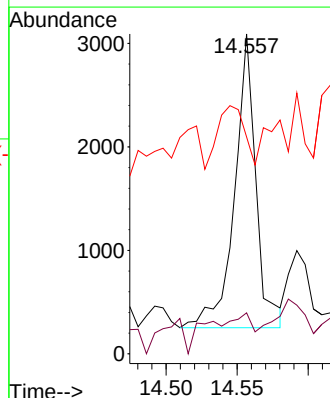
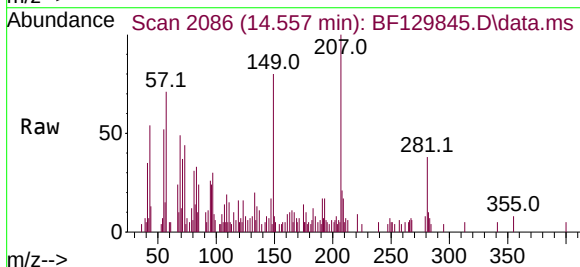
Tgt Ion:149 Resp: 2956

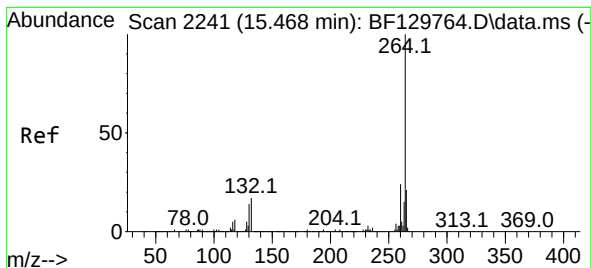
Ion Ratio Lower Upper

149 100

167 15.1 1.3 1.9#

43 27.3 7.8 11.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF129845.D

Acq: 17 Aug 2022 15:45

Instrument :

BNA_F

ClientSampleId :

DFTPP

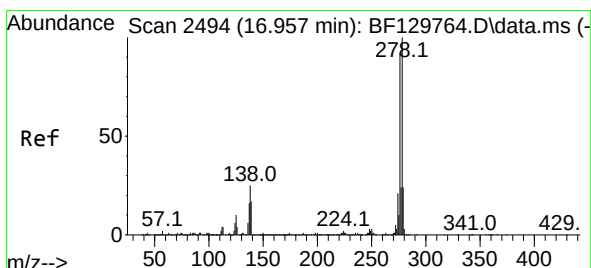
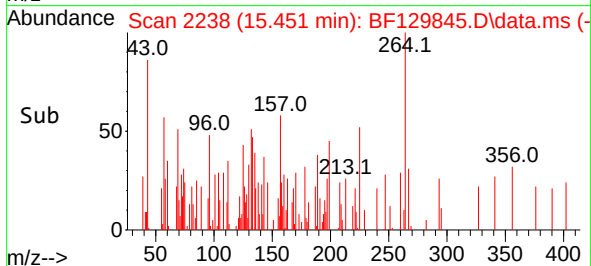
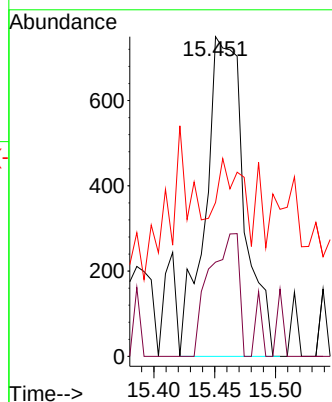
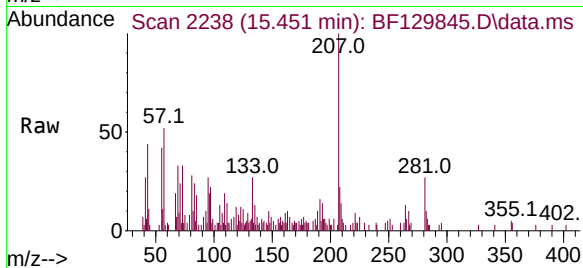
Tgt Ion:264 Resp: 1669

Ion Ratio Lower Upper

264 100

260 29.5 19.1 28.7#

265 48.1 16.7 25.1#



#87

Indeno(1,2,3-cd)pyrene

Concen: 8.134 ng

RT: 16.933 min Scan# 2490

Delta R.T. -0.024 min

Lab File: BF129845.D

Acq: 17 Aug 2022 15:45

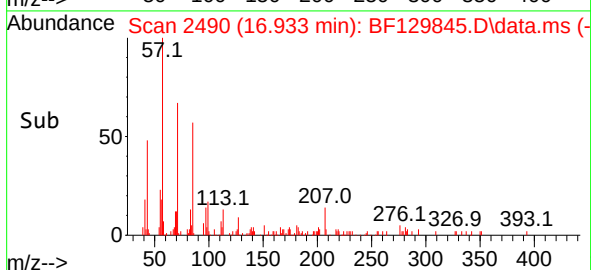
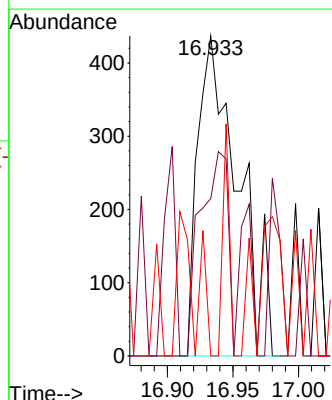
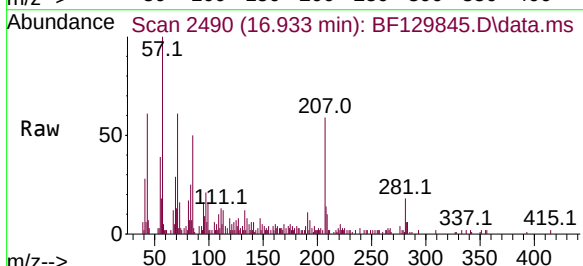
Tgt Ion:276 Resp: 932

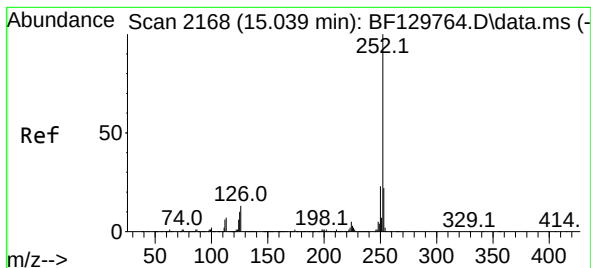
Ion Ratio Lower Upper

276 100

138 43.8 19.8 29.8#

277 12.0 20.4 30.6#





#88

Benzo(b)fluoranthene

Concen: 21.639 ng

RT: 15.027 min Scan# 2166

Delta R.T. -0.012 min

Lab File: BF129845.D

Acq: 17 Aug 2022 15:45

Instrument :

BNA_F

ClientSampleId :

DFTPP

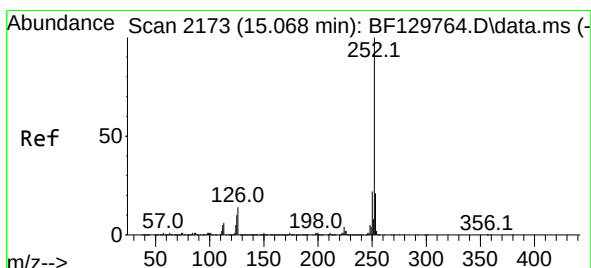
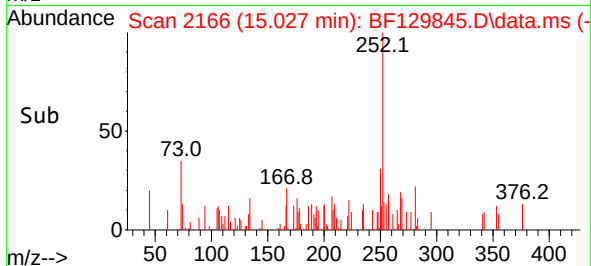
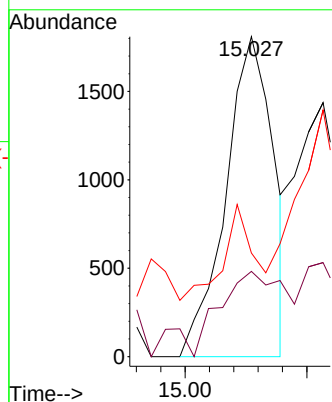
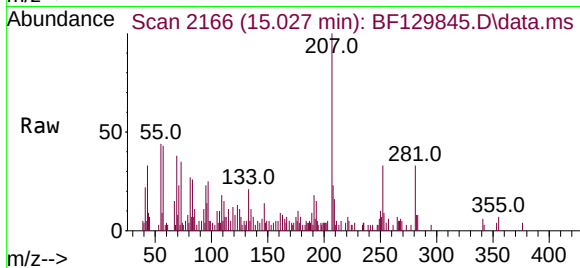
Tgt Ion:252 Resp: 2473

Ion Ratio Lower Upper

252 100

253 26.6 17.5 26.3#

125 32.4 8.3 12.5#



#89

Benzo(k)fluoranthene

Concen: 16.779 ng

RT: 15.057 min Scan# 2171

Delta R.T. -0.012 min

Lab File: BF129845.D

Acq: 17 Aug 2022 15:45

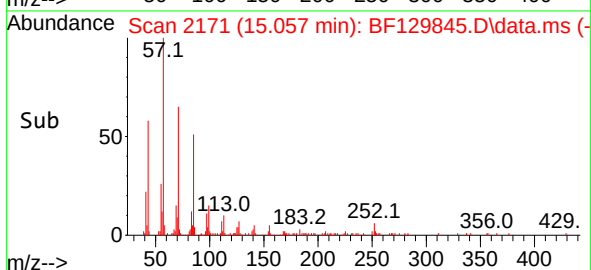
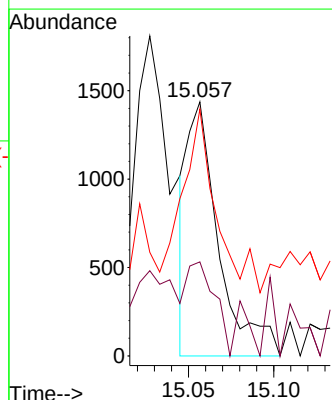
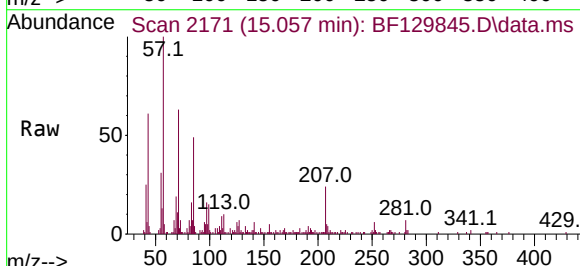
Tgt Ion:252 Resp: 1839

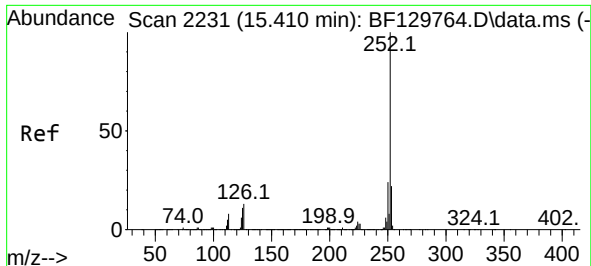
Ion Ratio Lower Upper

252 100

253 37.0 17.1 25.7#

125 97.1 8.3 12.5#

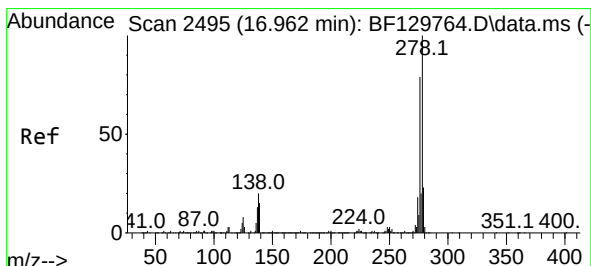
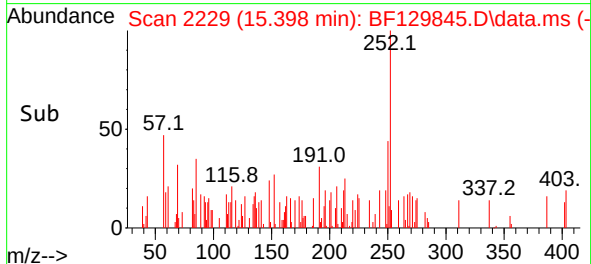
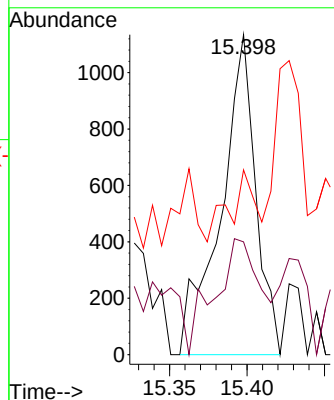
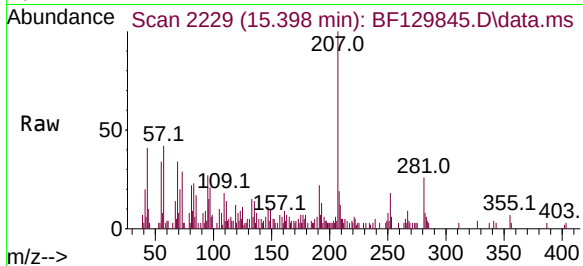




#90
Benzo(a)pyrene
Concen: 19.811 ng
RT: 15.398 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF129845.D
Acq: 17 Aug 2022 15:45

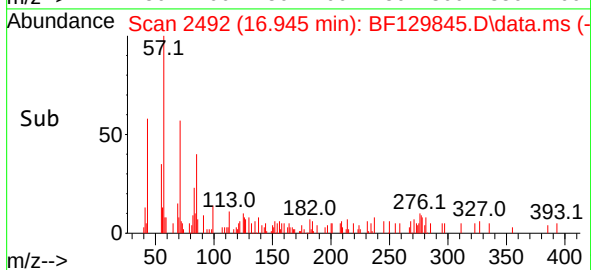
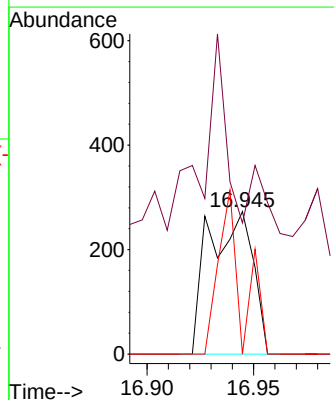
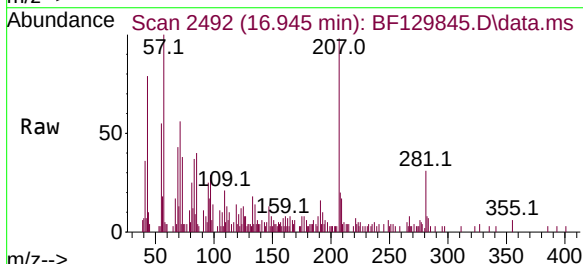
Instrument :
BNA_F
ClientSampleId :
DFTPP

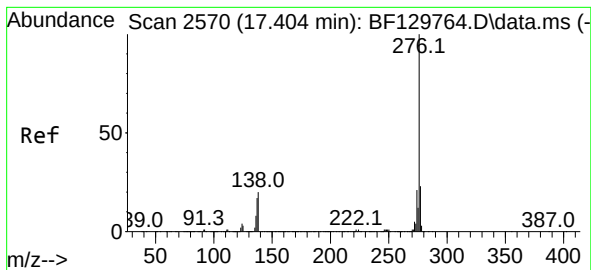
Tgt Ion:252 Resp: 1783
Ion Ratio Lower Upper
252 100
253 35.2 17.2 25.8#
125 57.7 8.8 13.2#



#91
Dibenzo(a,h)anthracene
Concen: 4.136 ng
RT: 16.945 min Scan# 2492
Delta R.T. -0.018 min
Lab File: BF129845.D
Acq: 17 Aug 2022 15:45

Tgt Ion:278 Resp: 391
Ion Ratio Lower Upper
278 100
139 91.9 12.2 18.4#
279 0.0 18.7 28.1#





#92

Benzo(g,h,i)perylene

Concen: 5.969 ng

RT: 17.386 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF129845.D

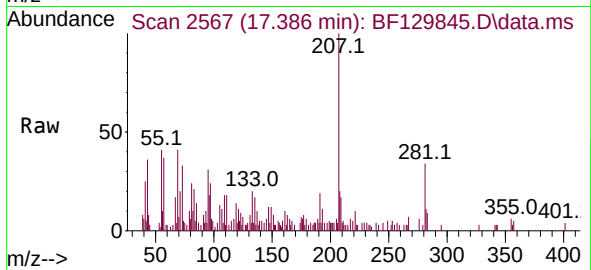
Acq: 17 Aug 2022 15:45

Instrument :

BNA_F

ClientSampleId :

DFTPP



Tgt Ion:276 Resp: 563

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.4#

138 42.5 15.8 23.8#

