

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129623.D
 Acq On : 06 Aug 2022 03:59
 Operator : CG\JU
 Sample : N4054-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080422

Quant Time: Aug 08 02:19:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

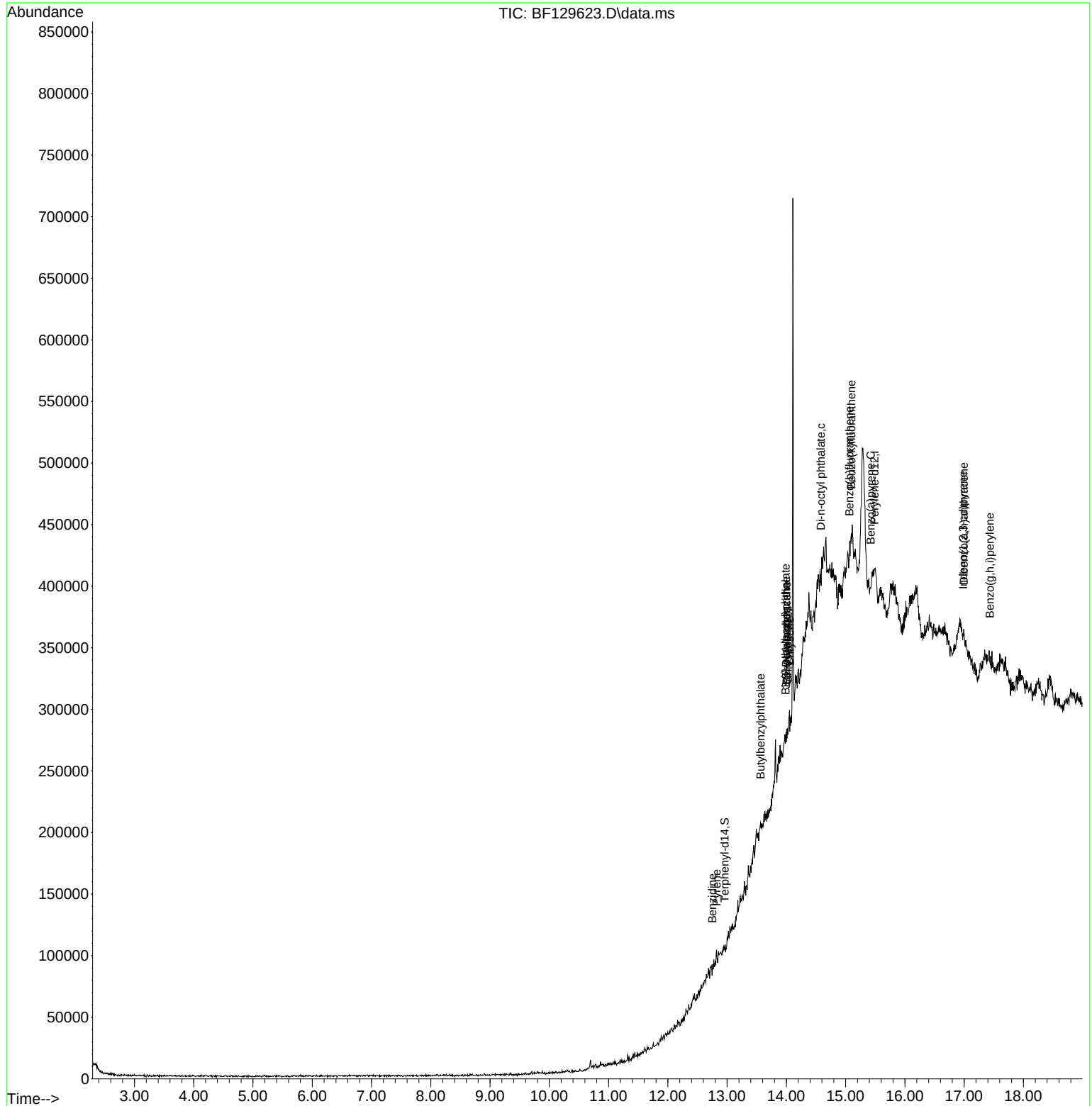
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.85
21) Naphthalene-d8	0.000	136	0	0.000	ng	-8.13
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-9.89
64) Phenanthrene-d10	0.000	188	0	0.000	ng	-11.38
76) Chrysene-d12	14.021	240	523	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	439	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	0.000	172	0	0.000	ng	
79) Terphenyl-d14	12.957	244	711	25.647	ng	-0.01
Target Compounds						
						Qvalue
77) Benzidine	12.751	184	58	3.139	ng	# 1
78) Pyrene	12.822	202	1387	31.714	ng	# 78
80) Butylbenzylphthalate	13.563	149	586	30.891	ng	100
81) Benzo(a)anthracene	14.004	228	542	15.171	ng	# 19
82) 3,3'-Dichlorobenzidine	13.992	252	142	12.038	ng	# 11
83) Chrysene	14.051	228	384	11.405	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.986	149	702	28.109	ng	# 70
85) Di-n-octyl phthalate	14.580	149	1024	28.493	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.980	276	128	4.330	ng	# 1
88) Benzo(b)fluoranthene	15.063	252	507	17.411	ng	# 1
89) Benzo(k)fluoranthene	15.098	252	428	14.998	ng	# 1
90) Benzo(a)pyrene	15.421	252	267	11.295	ng	# 1
91) Dibenzo(a,h)anthracene	16.992	278	439	18.245	ng	# 1
92) Benzo(g,h,i)perylene	17.433	276	465	18.913	ng	# 1

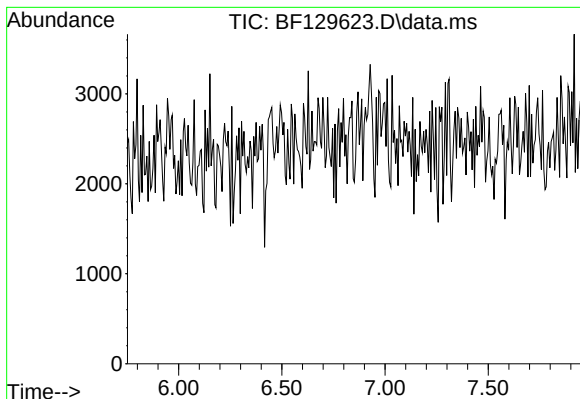
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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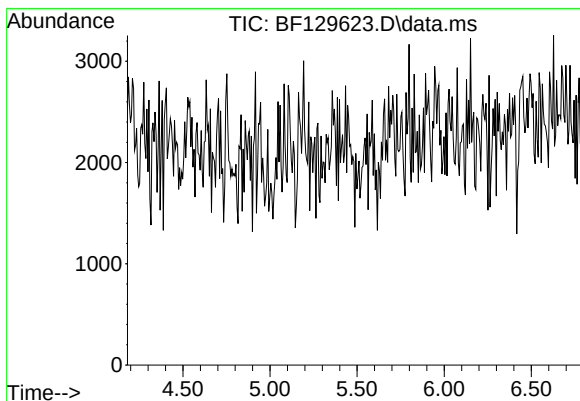
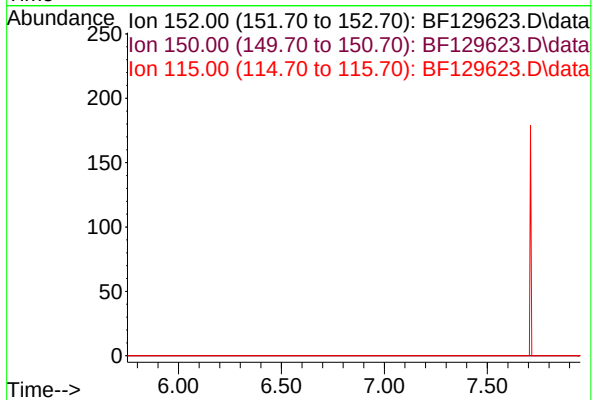




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.85 min
 Lab File: BF129623.D
 Acq: 06 Aug 2022 03:59

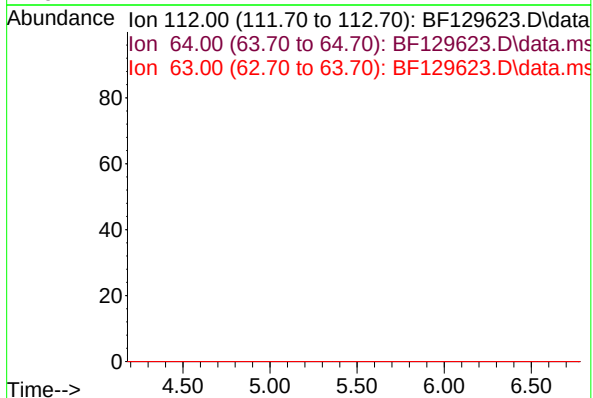
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080422

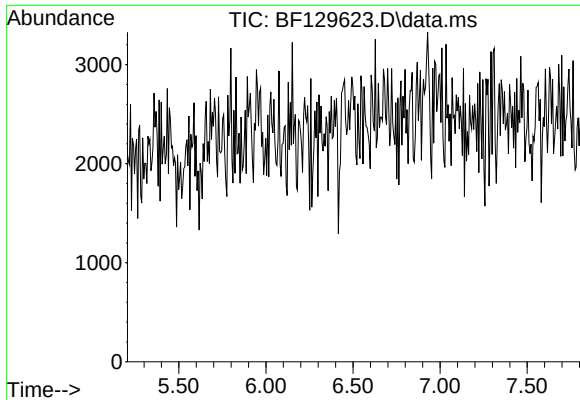
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 154.6
 115 62.4



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.48 min
 Lab File: BF129623.D
 Acq: 06 Aug 2022 03:59

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 66.6
 63 35.0



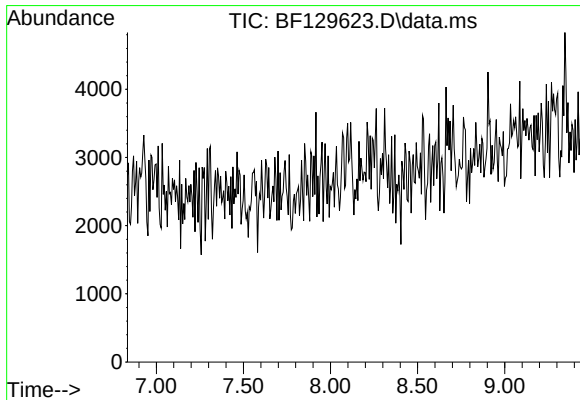
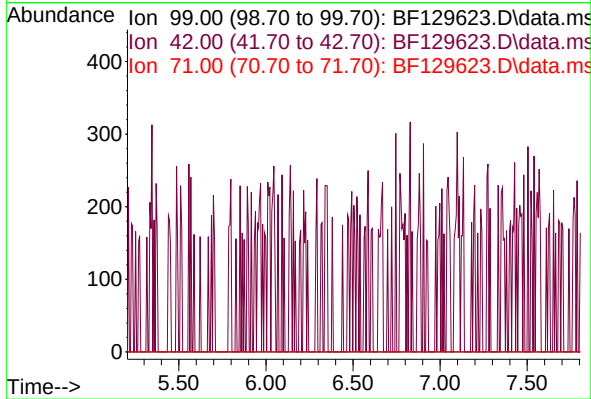


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.50 min
 Lab File: BF129623.D
 Acq: 06 Aug 2022 03:59

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080422

Tgt Ion: 99

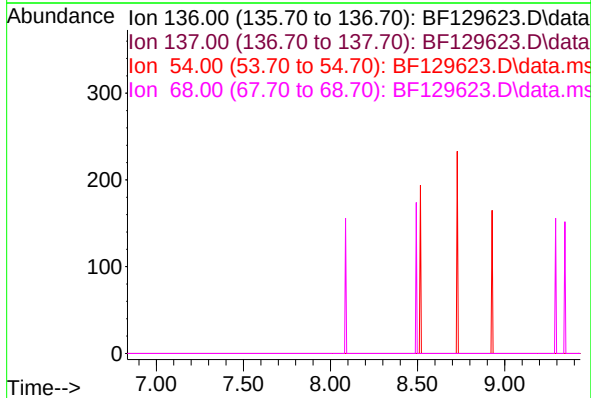
Sig	Exp Ratio
99	100
42	21.6
71	36.1

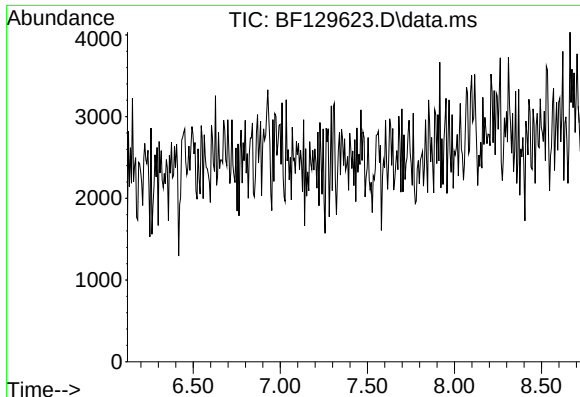


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 8.13 min
 Lab File: BF129623.D
 Acq: 06 Aug 2022 03:59

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.0
54	9.4
68	5.9



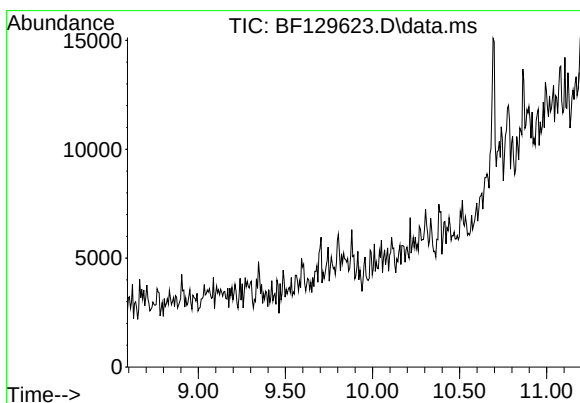
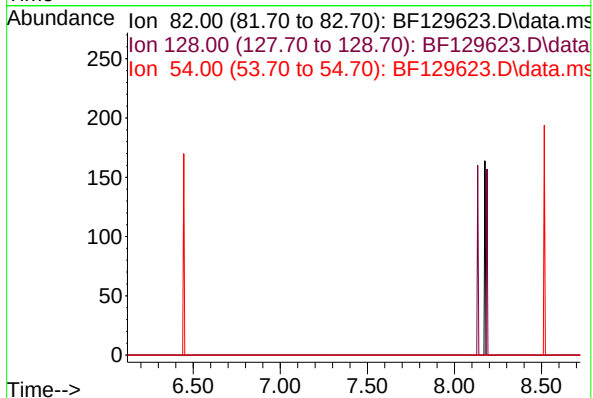


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF129623.D
 Acq: 06 Aug 2022 03:59

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080422

Tgt Ion: 82

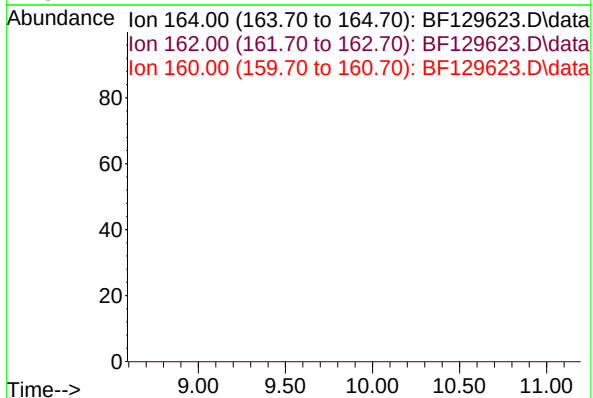
Sig	Exp Ratio
82	100
128	42.5
54	58.6

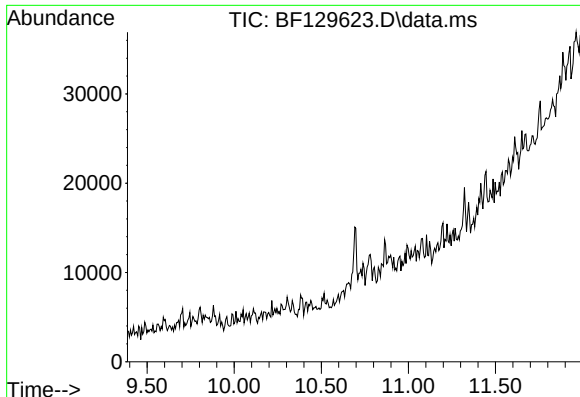


#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.89 min
 Lab File: BF129623.D
 Acq: 06 Aug 2022 03:59

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	99.4
160	42.8

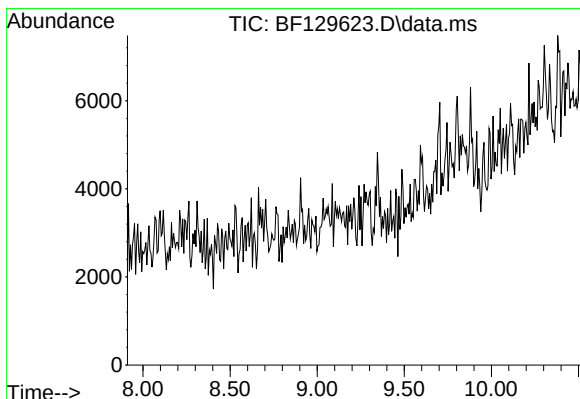
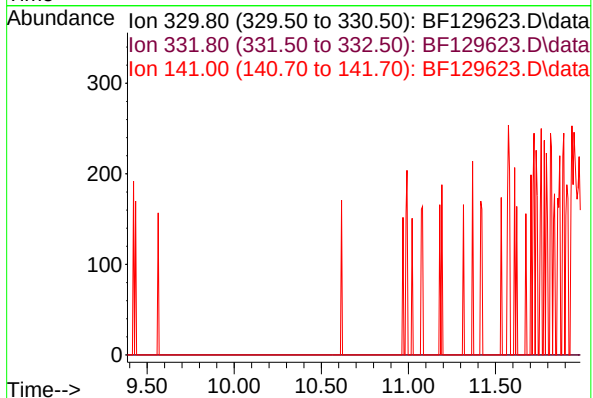




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.69 min
 Lab File: BF129623.D
 Acq: 06 Aug 2022 03:59

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080422

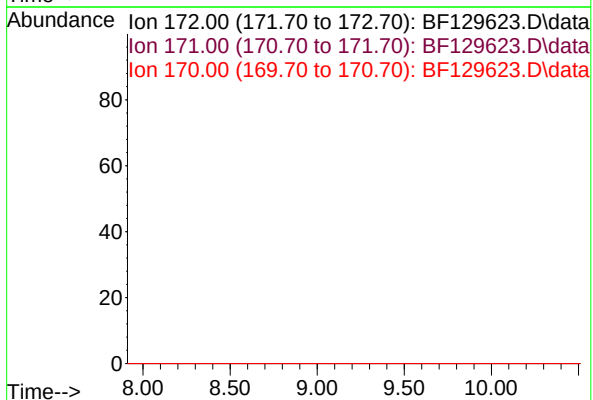
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 35.0

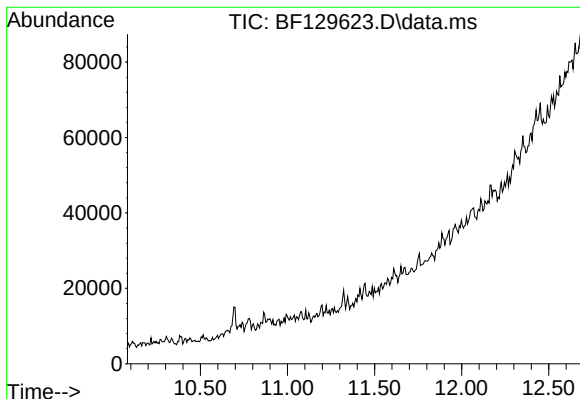


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.21 min

Lab File: BF129623.D
 Acq: 06 Aug 2022 03:59

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.0
 170 24.8





#64

Phenanthrene-d10

Concen: 0.000 ng

Expected RT: 11.38 min

Lab File: BF129623.D

Acq: 06 Aug 2022 03:59

Instrument :

BNA_F

ClientSampleId :

OR-02-080422

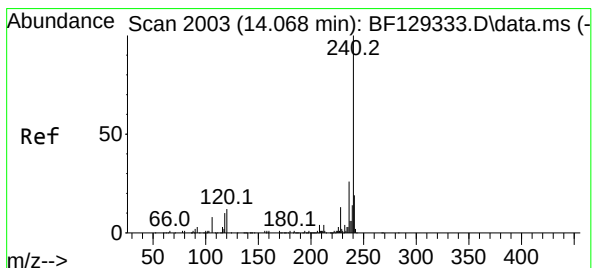
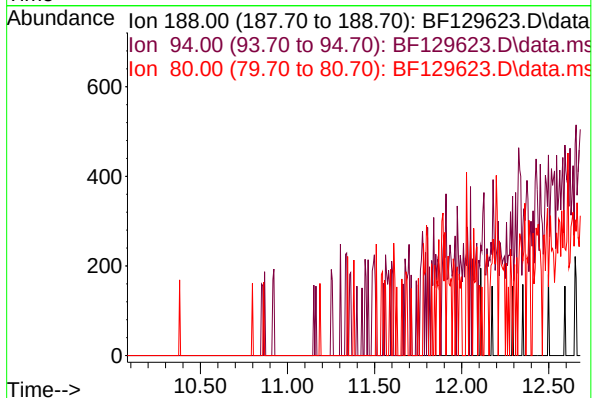
Tgt Ion: 188

Sig Exp Ratio

188 100

94 8.8

80 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BF129623.D

Acq: 06 Aug 2022 03:59

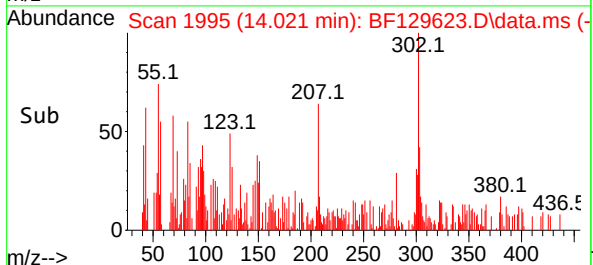
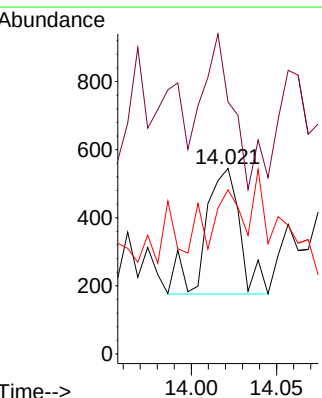
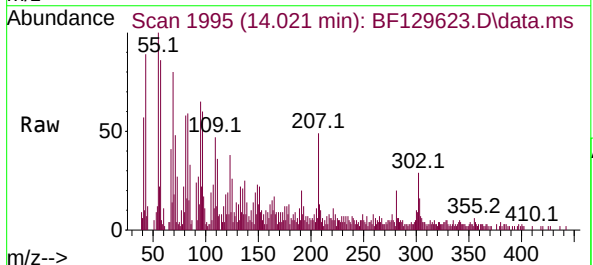
Tgt Ion: 240 Resp: 523

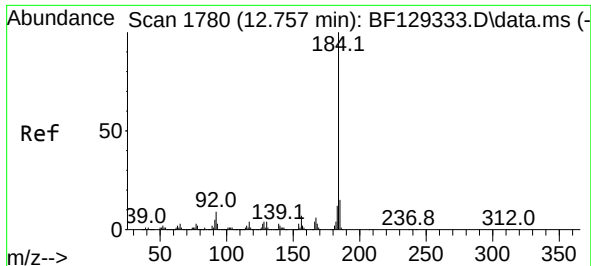
Ion Ratio Lower Upper

240 100

120 135.8 8.9 13.3#

236 88.4 20.8 31.2#

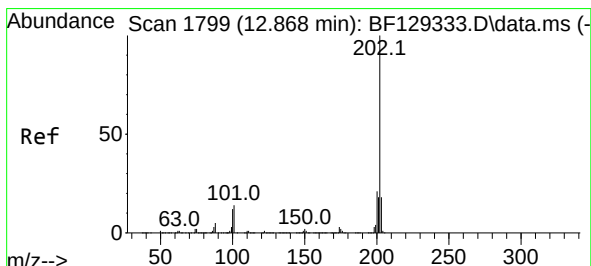
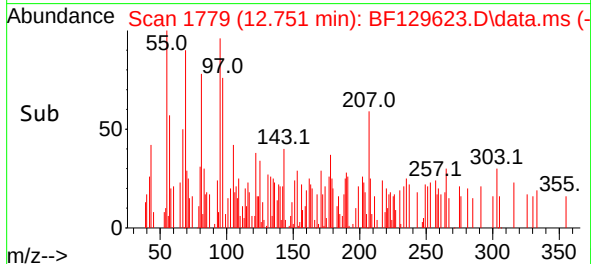
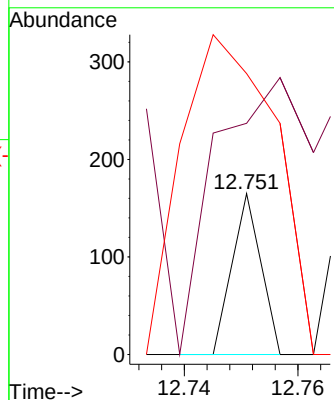
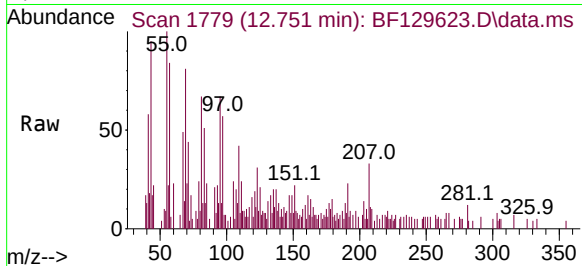




#77
Benzidine
Concen: 3.139 ng
RT: 12.751 min Scan# 1779
Delta R.T. 0.029 min
Lab File: BF129623.D
Acq: 06 Aug 2022 03:59

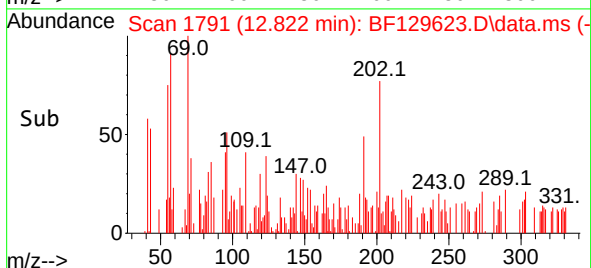
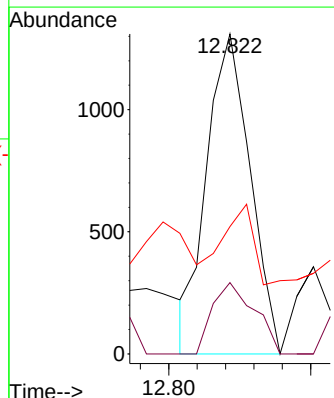
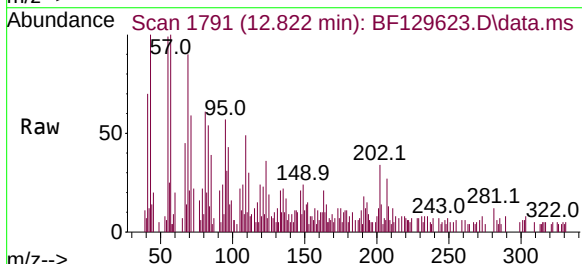
Instrument :
BNA_F
ClientSampleId :
OR-02-080422

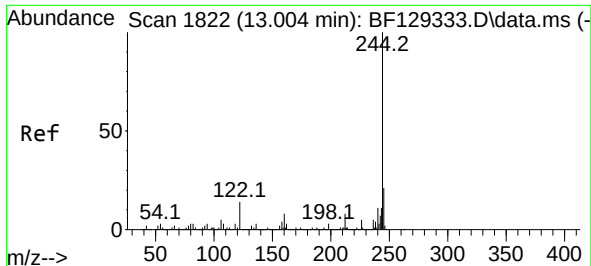
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
185 143.6 11.9 17.9#
183 174.5 9.3 13.9#



#78
Pyrene
Concen: 31.714 ng
RT: 12.822 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF129623.D
Acq: 06 Aug 2022 03:59

Tgt Ion:202 Resp: 1387
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 39.8 14.6 21.8#

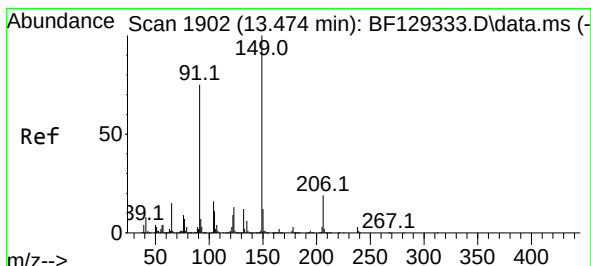
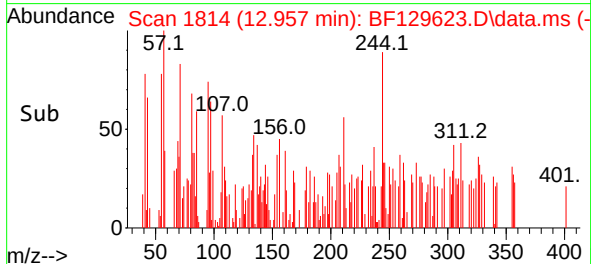
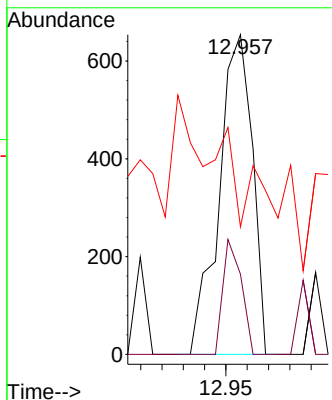
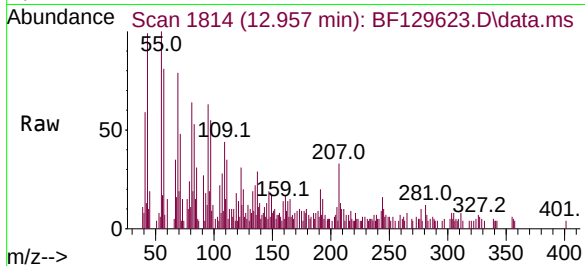




#79
 Terphenyl-d14
 Concen: 25.647 ng
 RT: 12.957 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF129623.D
 Acq: 06 Aug 2022 03:59

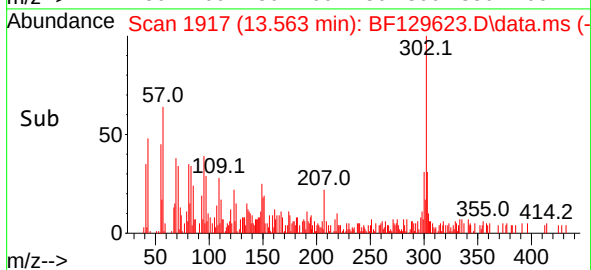
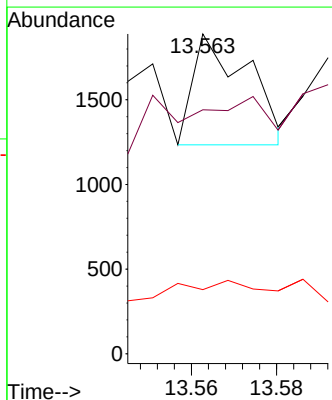
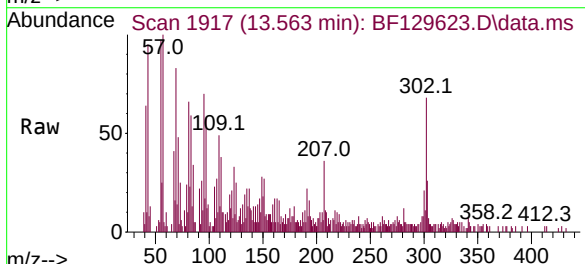
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080422

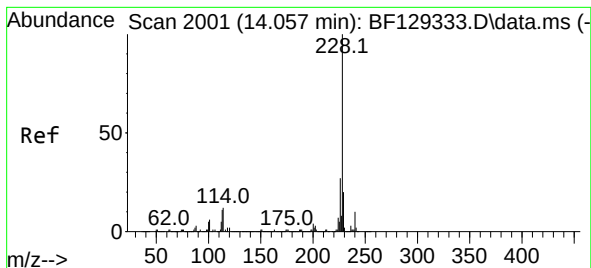
Tgt Ion:244 Resp: 711
 Ion Ratio Lower Upper
 244 100
 212 25.1 6.1 9.1#
 122 39.9 8.8 13.2#



#80
 Butylbenzylphthalate
 Concen: 30.891 ng
 RT: 13.563 min Scan# 1917
 Delta R.T. 0.124 min
 Lab File: BF129623.D
 Acq: 06 Aug 2022 03:59

Tgt Ion:149 Resp: 586
 Ion Ratio Lower Upper
 149 100
 91 76.3 61.2 91.8
 206 20.1 15.7 23.5





#81

Benzo(a)anthracene

Concen: 15.171 ng

RT: 14.004 min Scan# 1992

Delta R.T. -0.012 min

Lab File: BF129623.D

Acq: 06 Aug 2022 03:59

Instrument :

BNA_F

ClientSampleId :

OR-02-080422

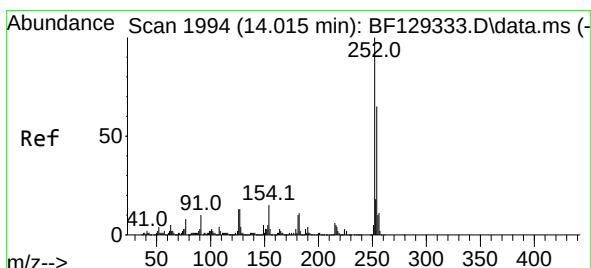
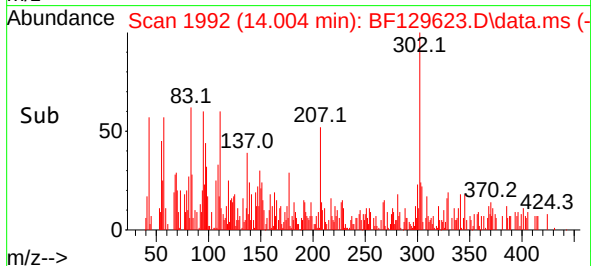
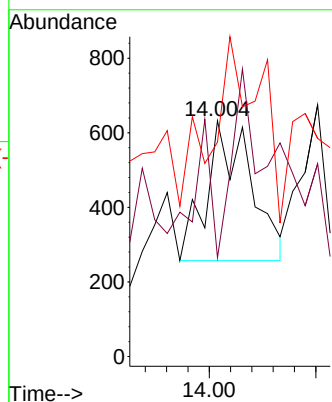
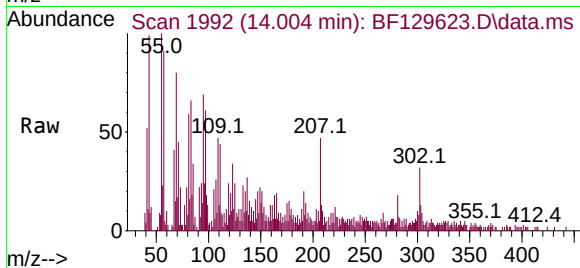
Tgt Ion:228 Resp: 542

Ion Ratio Lower Upper

228 100

226 41.9 22.1 33.1#

229 91.0 15.8 23.8#



#82

3,3'-Dichlorobenzidine

Concen: 12.038 ng

RT: 13.992 min Scan# 1990

Delta R.T. 0.012 min

Lab File: BF129623.D

Acq: 06 Aug 2022 03:59

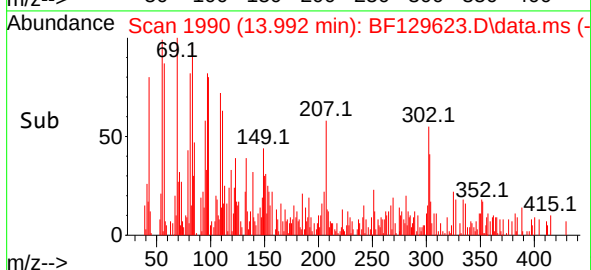
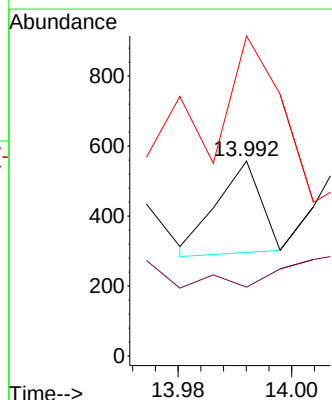
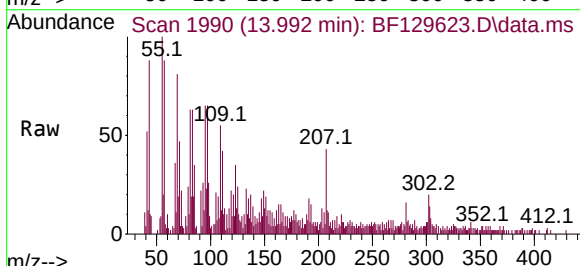
Tgt Ion:252 Resp: 142

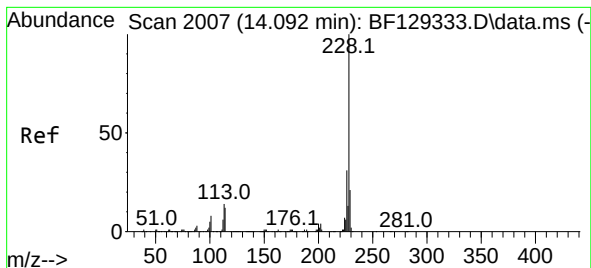
Ion Ratio Lower Upper

252 100

254 35.4 50.2 75.4#

126 164.3 8.2 12.4#





#83

Chrysene

Concen: 11.405 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129623.D

Acq: 06 Aug 2022 03:59

Instrument :

BNA_F

ClientSampleId :

OR-02-080422

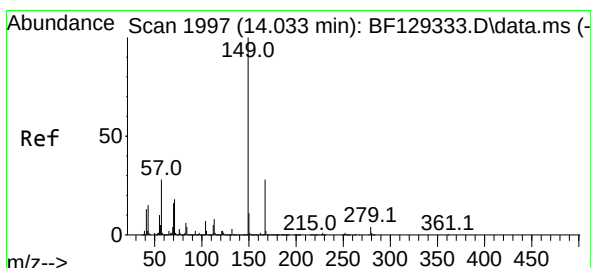
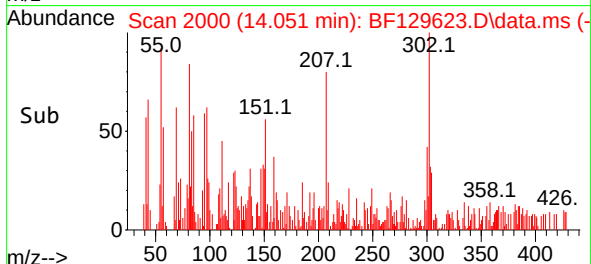
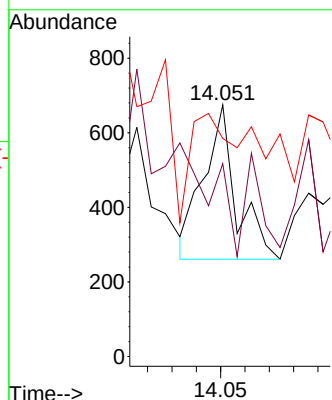
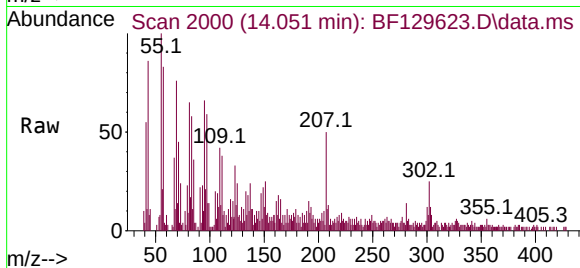
Tgt Ion:228 Resp: 384

Ion Ratio Lower Upper

228 100

226 76.6 24.3 36.5#

229 86.7 15.9 23.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 28.109 ng

RT: 13.986 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BF129623.D

Acq: 06 Aug 2022 03:59

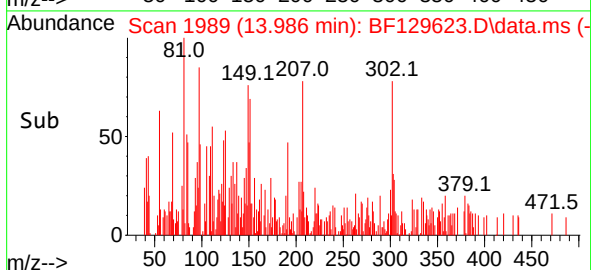
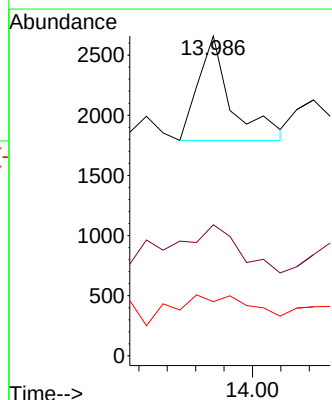
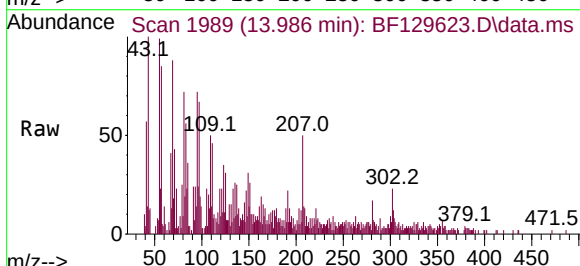
Tgt Ion:149 Resp: 702

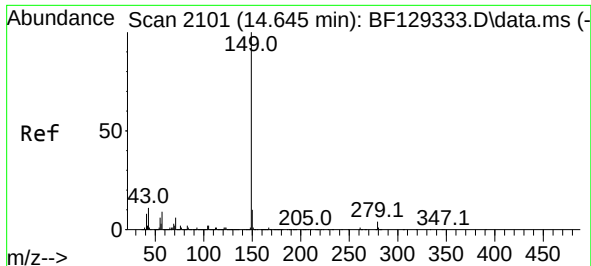
Ion Ratio Lower Upper

149 100

167 41.0 21.0 31.4#

279 16.9 3.1 4.7#

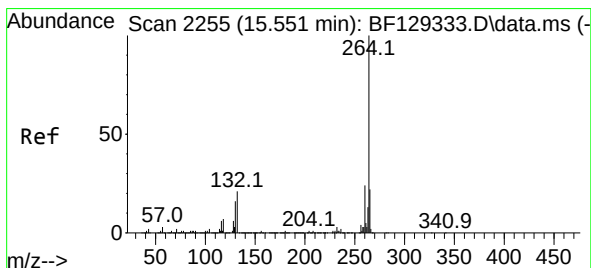
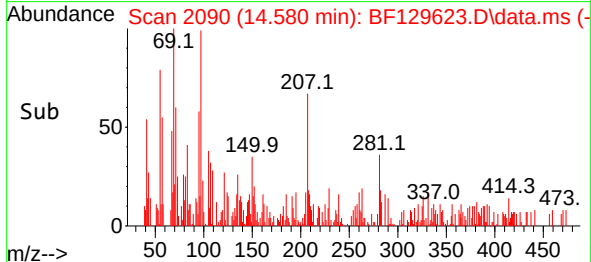
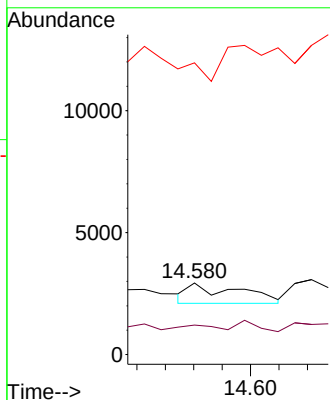
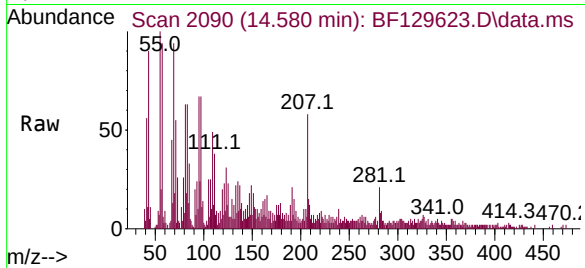




#85
Di-n-octyl phthalate
Concen: 28.493 ng
RT: 14.580 min Scan# 2090
Delta R.T. -0.023 min
Lab File: BF129623.D
Acq: 06 Aug 2022 03:59

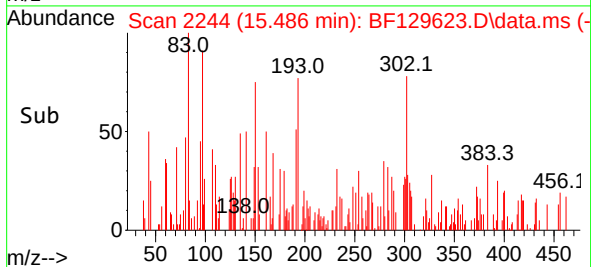
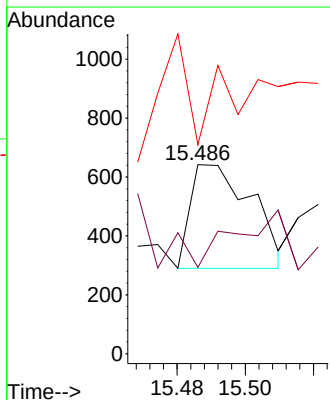
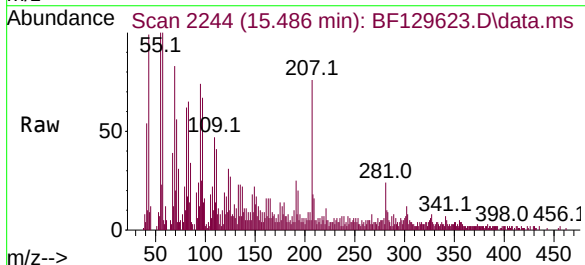
Instrument :
BNA_F
ClientSampleId :
OR-02-080422

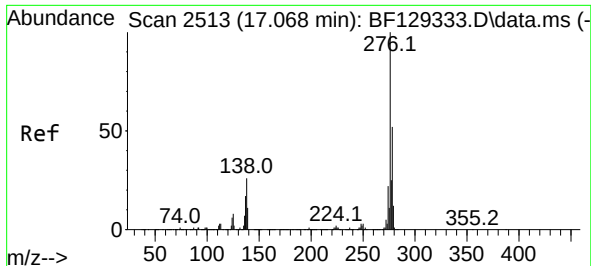
Tgt Ion:149 Resp: 1024
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 208.7 9.2 13.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.018 min
Lab File: BF129623.D
Acq: 06 Aug 2022 03:59

Tgt Ion:264 Resp: 439
Ion Ratio Lower Upper
264 100
260 45.6 18.4 27.6#
265 110.6 17.2 25.8#

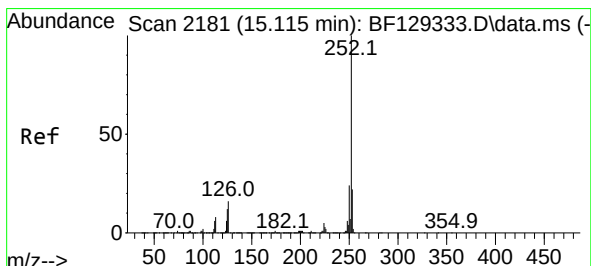
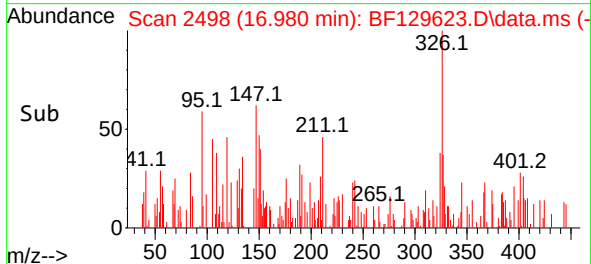
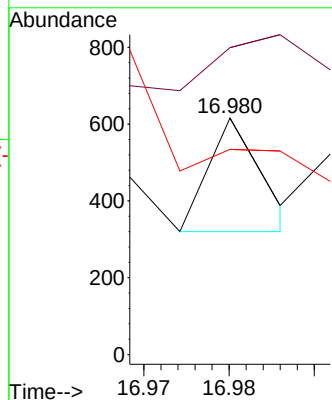
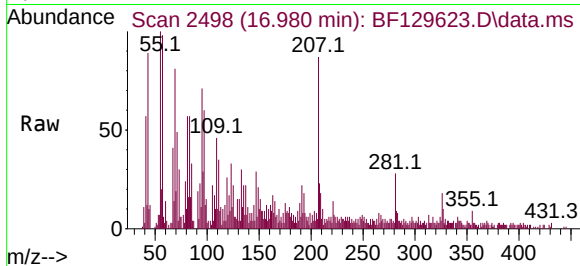




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.330 ng
RT: 16.980 min Scan# 2498
Delta R.T. -0.018 min
Lab File: BF129623.D
Acq: 06 Aug 2022 03:59

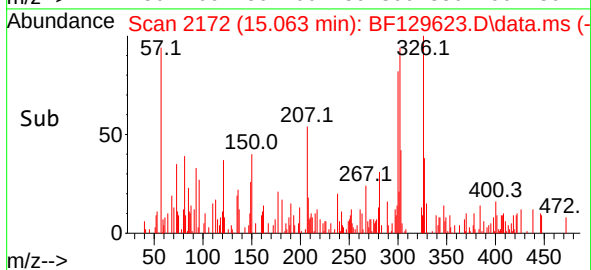
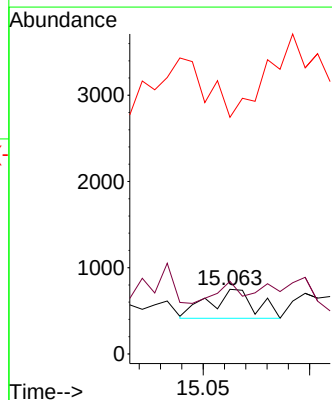
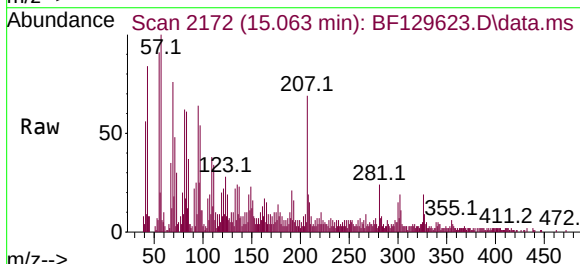
Instrument :
BNA_F
ClientSampleId :
OR-02-080422

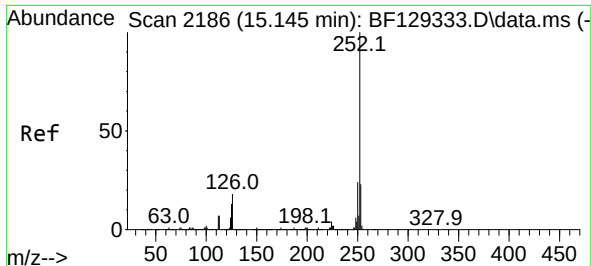
Tgt Ion:	276	Resp:	128
Ion	Ratio	Lower	Upper
276	100		
138	303.9	21.1	31.7#
277	123.4	20.3	30.5#



#88
Benzo(b)fluoranthene
Concen: 17.411 ng
RT: 15.063 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129623.D
Acq: 06 Aug 2022 03:59

Tgt Ion:	252	Resp:	507
Ion	Ratio	Lower	Upper
252	100		
253	112.4	17.7	26.5#
125	366.4	8.0	12.0#

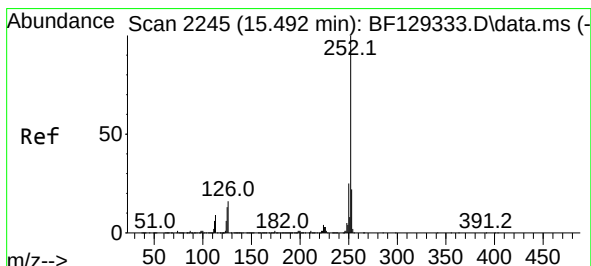
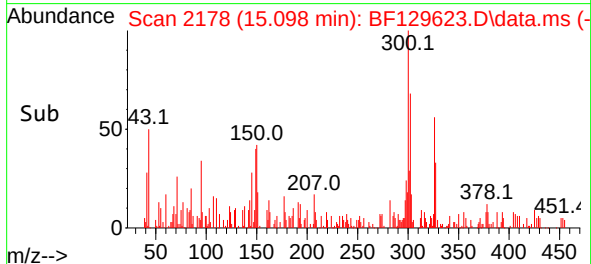
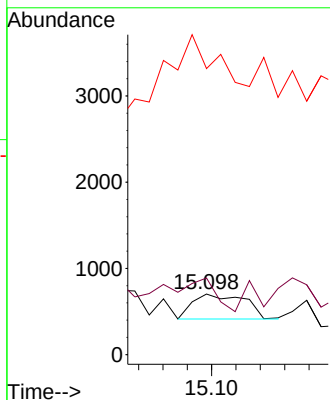
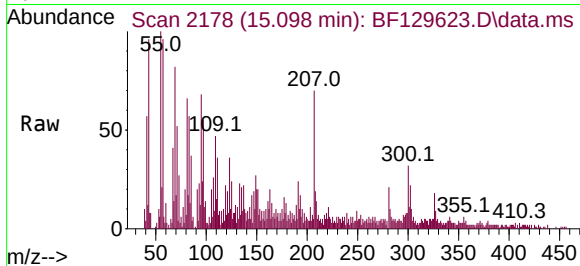




#89
Benzo(k)fluoranthene
Concen: 14.998 ng
RT: 15.098 min Scan# 2186
Delta R.T. -0.006 min
Lab File: BF129623.D
Acq: 06 Aug 2022 03:59

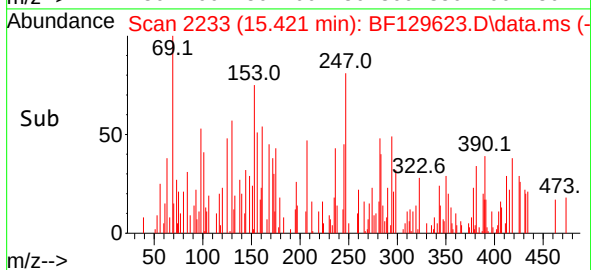
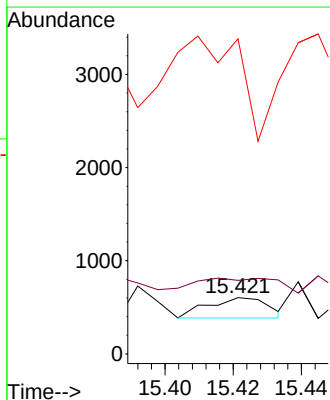
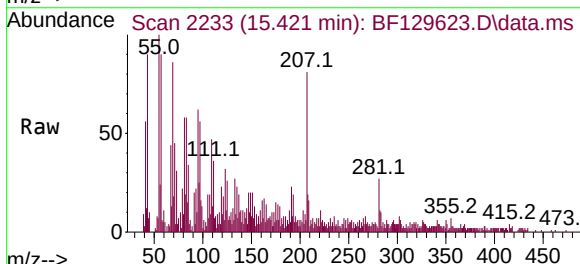
Instrument :
BNA_F
ClientSampleId :
OR-02-080422

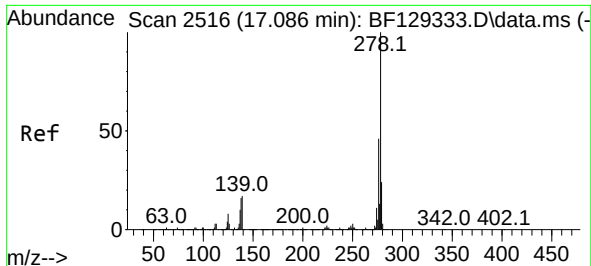
Tgt Ion:252 Resp: 428
Ion Ratio Lower Upper
252 100
253 126.5 17.8 26.6#
125 472.5 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 11.295 ng
RT: 15.421 min Scan# 2233
Delta R.T. -0.018 min
Lab File: BF129623.D
Acq: 06 Aug 2022 03:59

Tgt Ion:252 Resp: 267
Ion Ratio Lower Upper
252 100
253 130.8 17.0 25.6#
125 560.1 8.8 13.2#

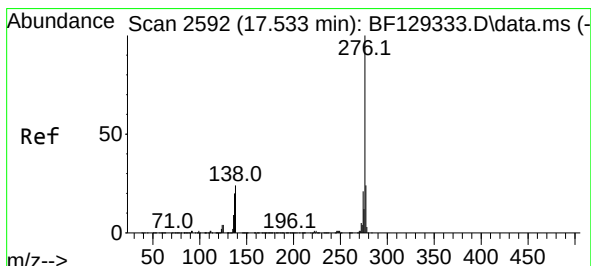
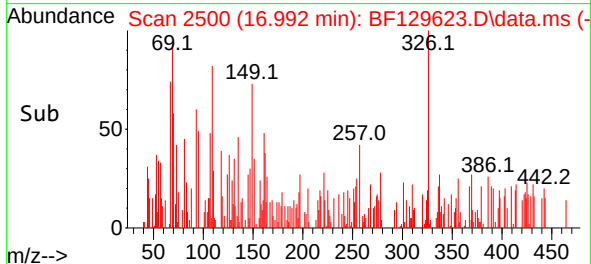
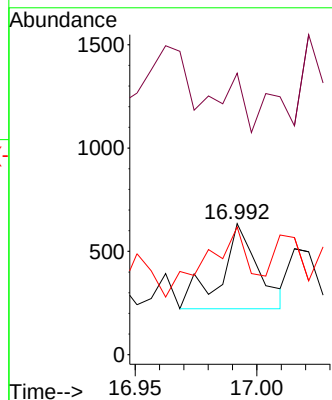
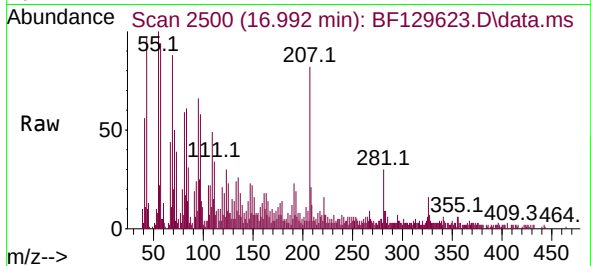




#91
 Dibenzo(a,h)anthracene
 Concen: 18.245 ng
 RT: 16.992 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF129623.D
 Acq: 06 Aug 2022 03:59

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080422

Tgt Ion:278 Resp: 439
 Ion Ratio Lower Upper
 278 100
 139 214.8 12.8 19.2#
 279 97.5 18.6 28.0#



#92
 Benzo(g,h,i)perylene
 Concen: 18.913 ng
 RT: 17.433 min Scan# 2575
 Delta R.T. -0.018 min
 Lab File: BF129623.D
 Acq: 06 Aug 2022 03:59

Tgt Ion:276 Resp: 465
 Ion Ratio Lower Upper
 276 100
 277 98.3 19.1 28.7#
 138 149.5 18.0 27.0#

