

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
 Data File : BF128832.D
 Acq On : 16 Jun 2022 11:22
 Operator : CG\JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

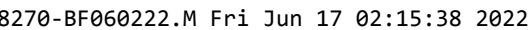
Quant Time: Jun 17 02:15:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

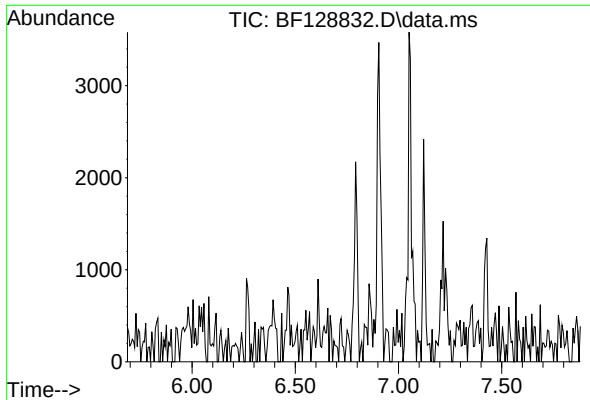
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.78
21) Naphthalene-d8	0.000	136	0	0.000	ng	-8.07
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-9.83
64) Phenanthrene-d10	11.569	188	1010	20.000	ng	# 0.25
76) Chrysene-d12	14.280	240	123	20.000	ng	# 0.32
86) Perylene-d12	15.768	264	173	20.000	ng	# 0.35
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	13.204	244	279	39.415	ng	0.30
Target Compounds						Qvalue
69) Atrazine	11.139	200	29307	2935.660	ng	# 36
70) Pentachlorophenol	11.139	266	164220	26300.223	ng	99
71) Phenanthrene	11.574	178	676	13.344	ng	# 1
73) Carbazole	11.927	167	597	12.819	ng	# 58
74) Di-n-butylphthalate	12.121	149	489	8.624	ng	# 78
75) Fluoranthene	12.833	202	222	4.192	ng	# 1
77) Benzidine	12.669	184	857101	349560.403	ng	98
78) Pyrene	13.074	202	136	14.862	ng	# 1
80) Butylbenzylphthalate	13.668	149	501	130.367	ng	87
81) Benzo(a)anthracene	14.257	228	269	35.085	ng	# 1
82) 3,3'-Dichlorobenzidine	14.210	252	596	363.350	ng	# 63
83) Chrysene	14.298	228	419	57.322	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.286	149	1241	248.393	ng	# 30
85) Di-n-octyl phthalate	14.886	149	295	39.204	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.256	276	238	22.825	ng	# 1
88) Benzo(b)fluoranthene	15.304	252	274	24.786	ng	# 1
89) Benzo(k)fluoranthene	15.368	252	1118	107.512	ng	# 1
90) Benzo(a)pyrene	15.715	252	652	75.042	ng	# 1
91) Dibenzo(a,h)anthracene	17.251	278	487	56.307	ng	# 1
92) Benzo(g,h,i)perylene	17.703	276	263	30.681	ng	# 1

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

Quant Time: Jun 17 02:15:16 2022
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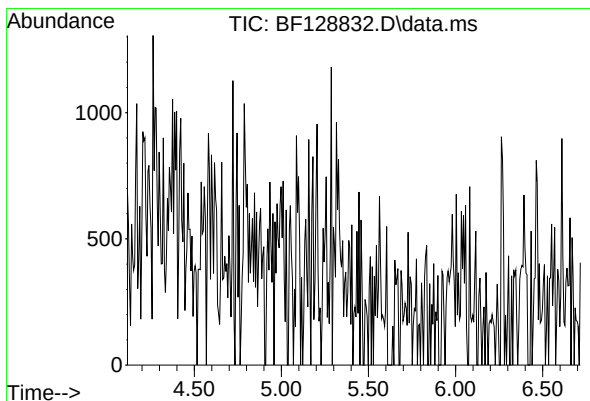
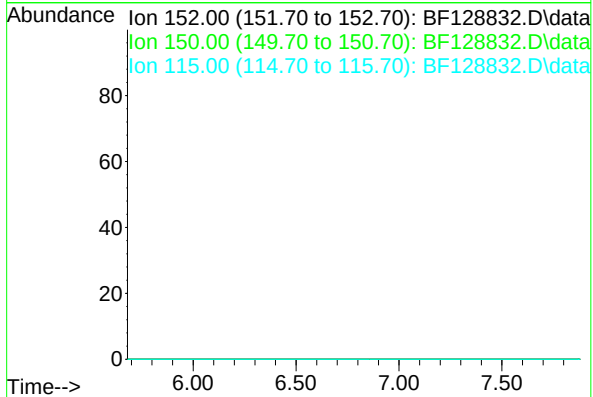


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.78 min
 Lab File: BF128832.D
 Acq: 16 Jun 2022 11:22

Instrument :
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Tgt Ion: 152

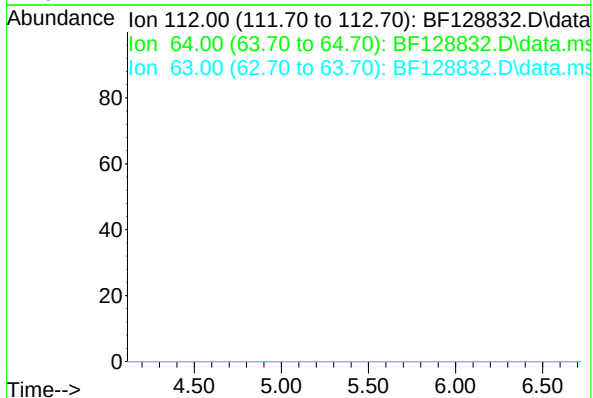
Sig	Exp Ratio
152	100
150	154.6
115	62.4

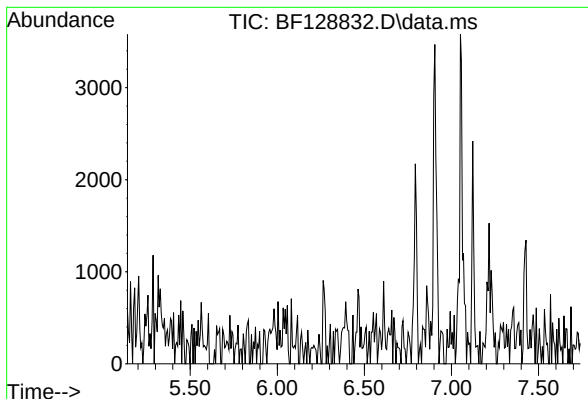


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.42 min
 Lab File: BF128832.D
 Acq: 16 Jun 2022 11:22

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	66.6
63	35.0



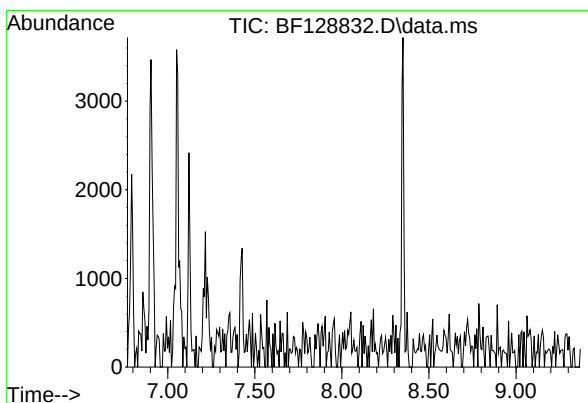
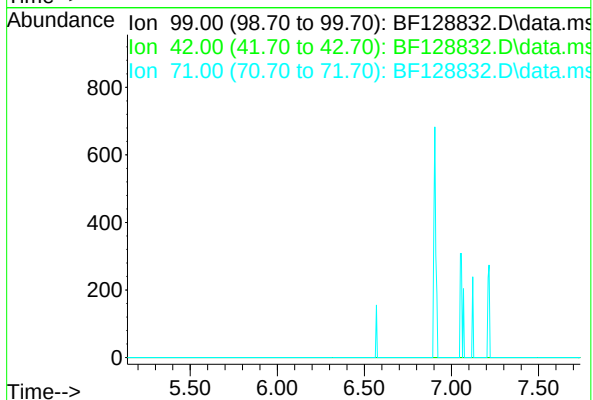


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.44 min
 Lab File: BF128832.D
 Acq: 16 Jun 2022 11:22

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 99

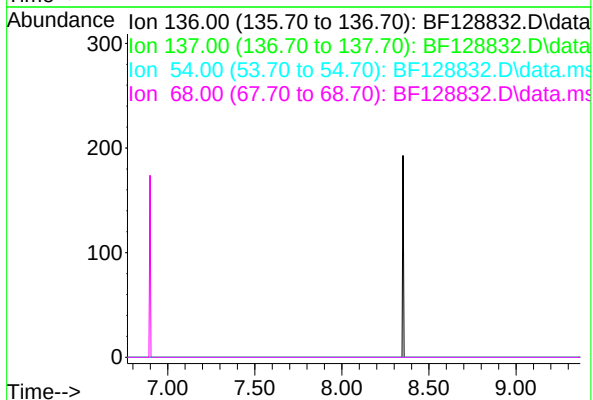
Sig	Exp Ratio
99	100
42	21.6
71	36.1

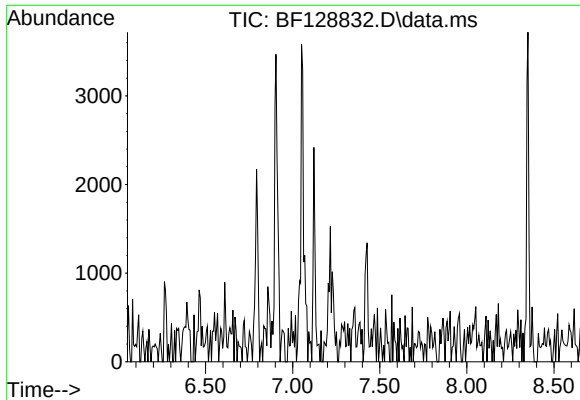


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 8.07 min
 Lab File: BF128832.D
 Acq: 16 Jun 2022 11:22

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.0
54	9.4
68	5.9



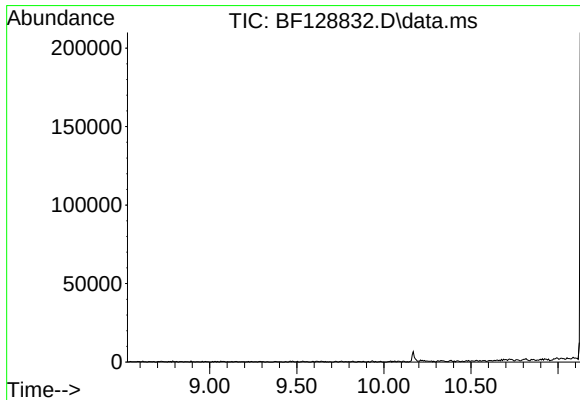
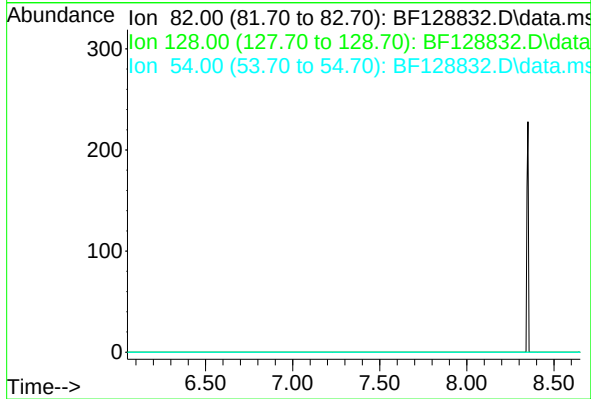


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.35 min
 Lab File: BF128832.D
 Acq: 16 Jun 2022 11:22

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 82

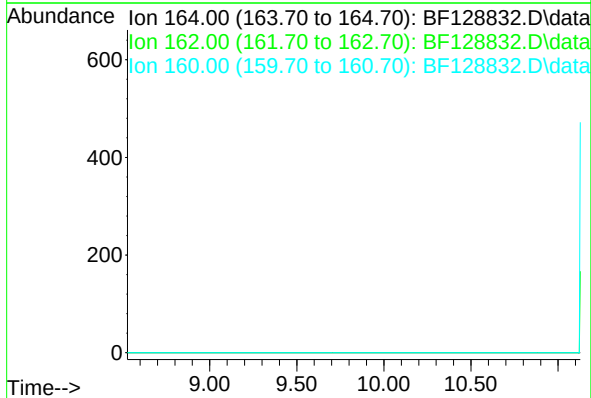
Sig	Exp Ratio
82	100
128	42.5
54	58.6

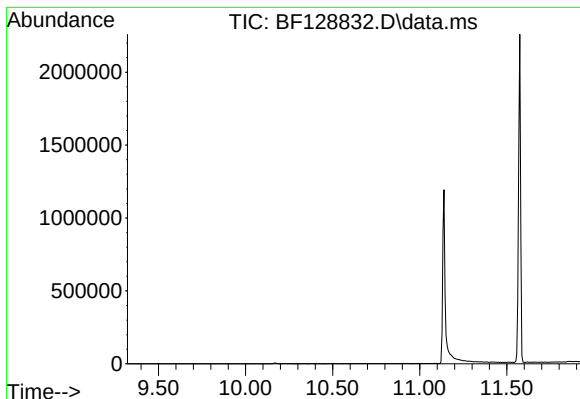


#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.83 min
 Lab File: BF128832.D
 Acq: 16 Jun 2022 11:22

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	99.4
160	42.8

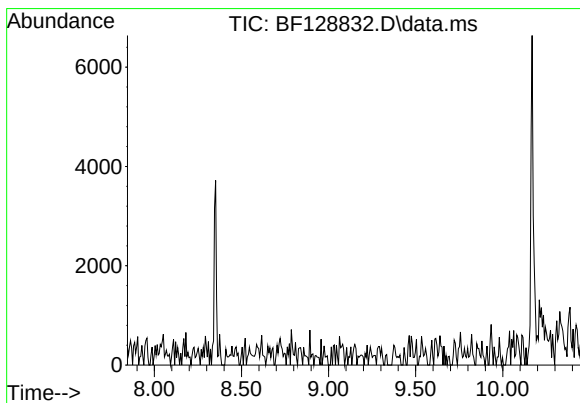
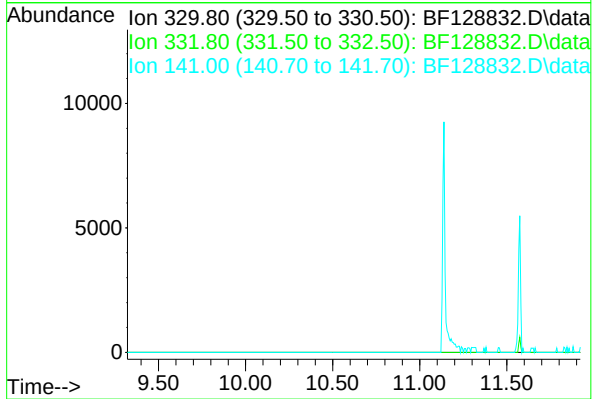




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.62 min
 Lab File: BF128832.D
 Acq: 16 Jun 2022 11:22

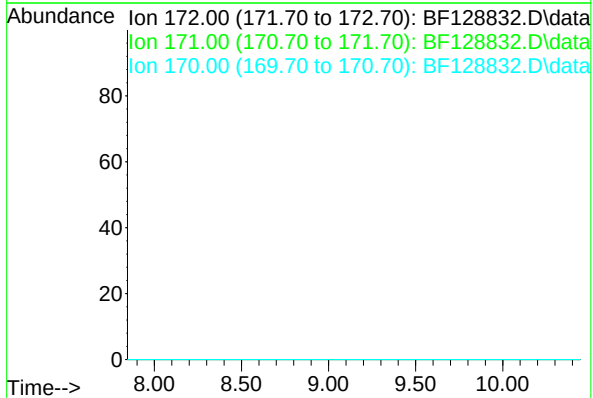
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

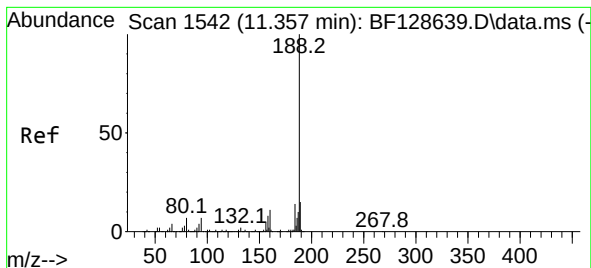
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 35.0



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.15 min
 Lab File: BF128832.D
 Acq: 16 Jun 2022 11:22

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.569 min Scan# 1

Delta R.T. 0.253 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

Instrument :

BNA_F

ClientSampleId :

DFTPP

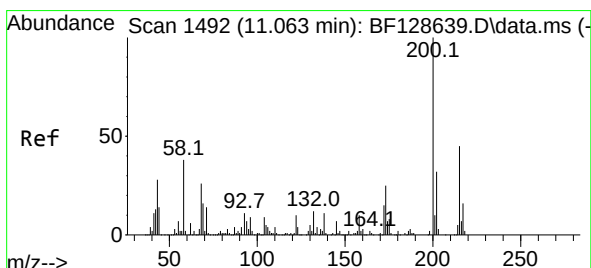
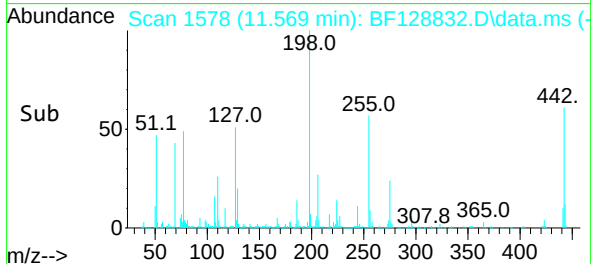
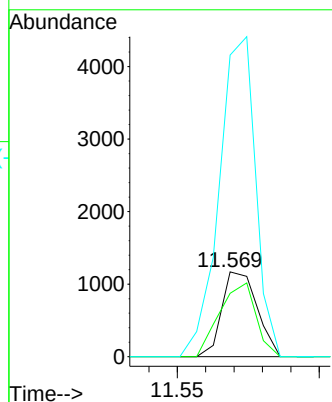
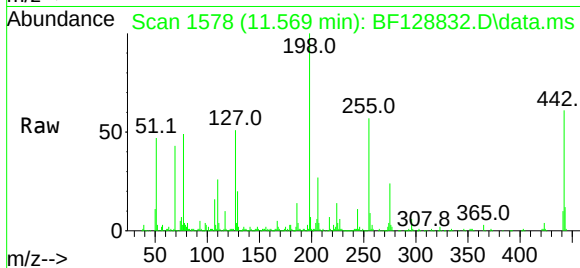
Tgt Ion:188 Resp: 1010

Ion Ratio Lower Upper

188 100

94 74.7 7.0 10.6#

80 355.7 7.6 11.4#



#69

Atrazine

Concen: 2935.660 ng

RT: 11.139 min Scan# 1505

Delta R.T. 0.118 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

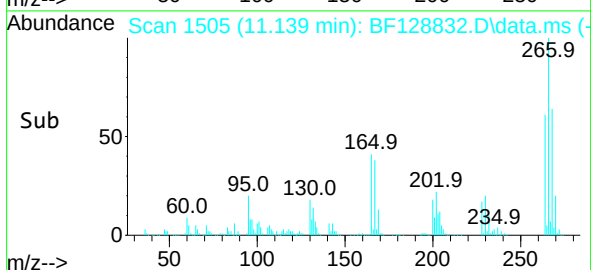
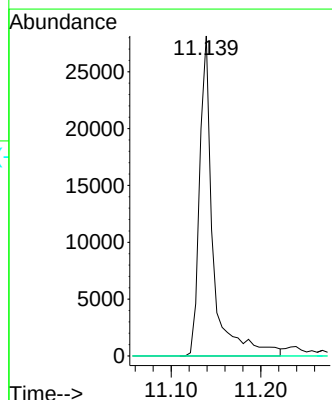
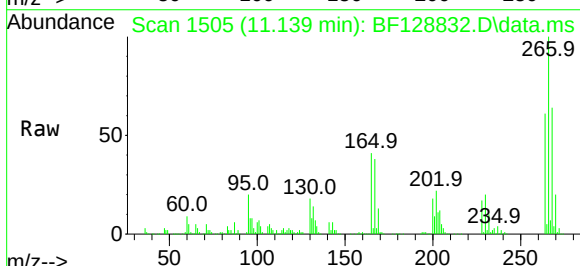
Tgt Ion:200 Resp: 29307

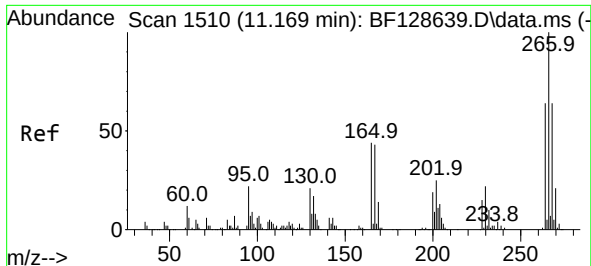
Ion Ratio Lower Upper

200 100

173 0.0 6.3 46.3#

215 0.0 28.3 68.3#

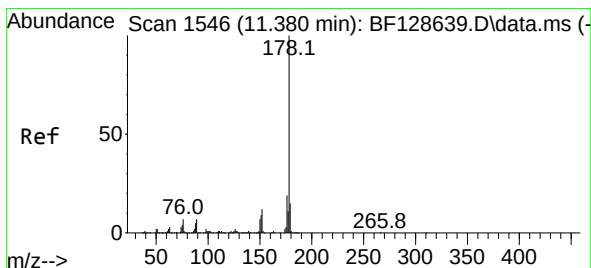
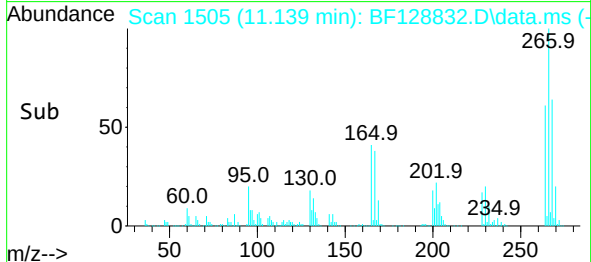
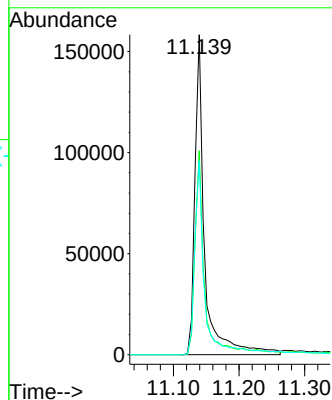
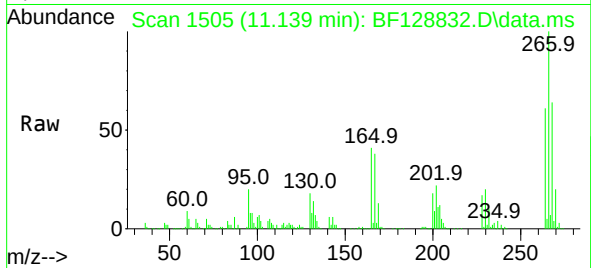




#70
 Pentachlorophenol
 Concen: 26300.223 ng
 RT: 11.139 min Scan# 1505
 Delta R.T. 0.012 min
 Lab File: BF128832.D
 Acq: 16 Jun 2022 11:22

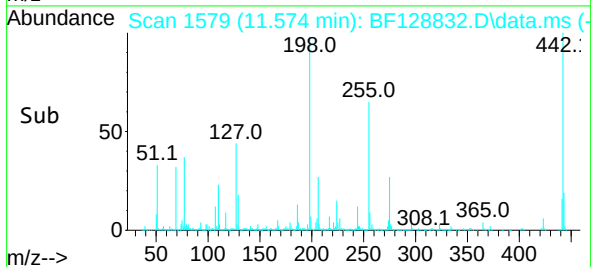
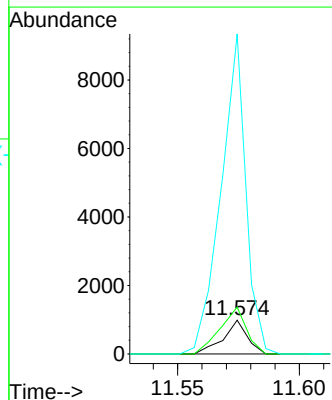
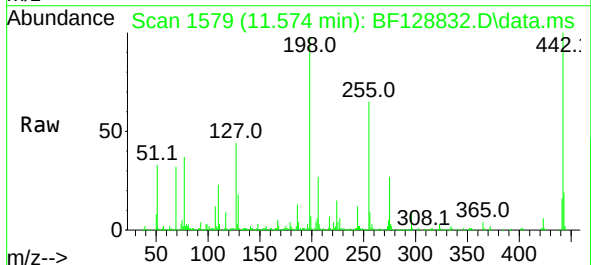
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

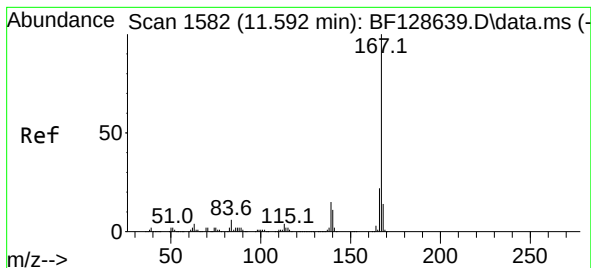
Tgt Ion:266 Resp: 164220
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.0 76.4
 264 60.6 49.4 74.2



#71
 Phenanthrene
 Concen: 13.344 ng
 RT: 11.574 min Scan# 1579
 Delta R.T. 0.235 min
 Lab File: BF128832.D
 Acq: 16 Jun 2022 11:22

Tgt Ion:178 Resp: 676
 Ion Ratio Lower Upper
 178 100
 176 138.9 16.0 24.0#
 179 946.6 12.6 19.0#





#73

Carbazole

Concen: 12.819 ng

RT: 11.927 min Scan# 1

Delta R.T. 0.376 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

Instrument :

BNA_F

ClientSampleId :

DFTPP

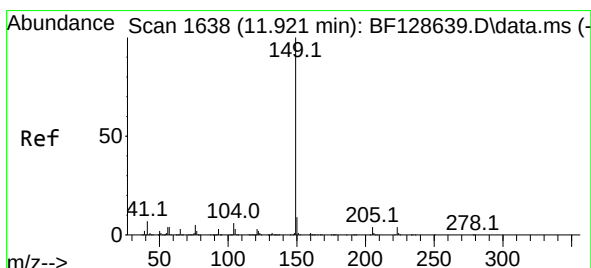
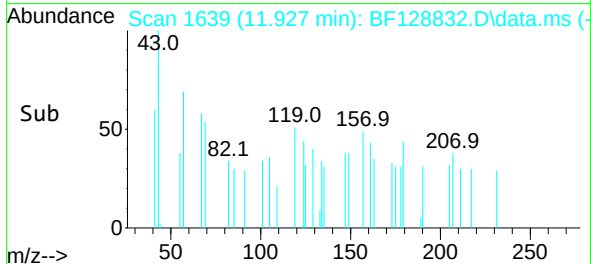
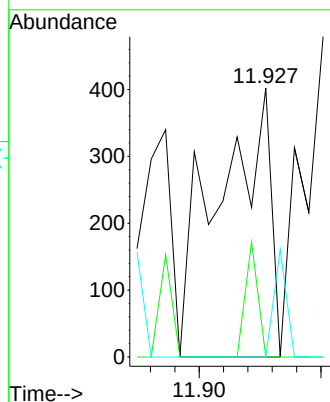
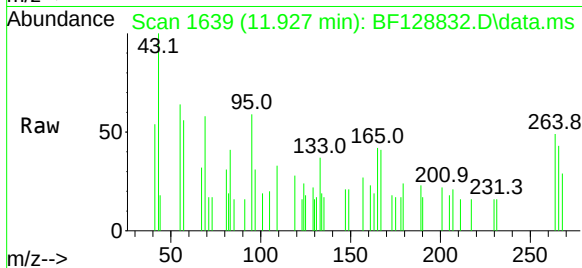
Tgt Ion:167 Resp: 597

Ion Ratio Lower Upper

167 100

166 0.0 17.7 26.5#

139 0.0 11.2 16.8#



#74

Di-n-butylphthalate

Concen: 8.624 ng

RT: 12.121 min Scan# 1672

Delta R.T. 0.247 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

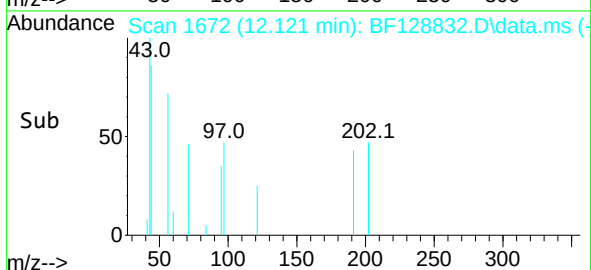
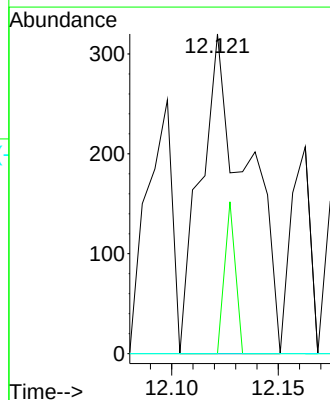
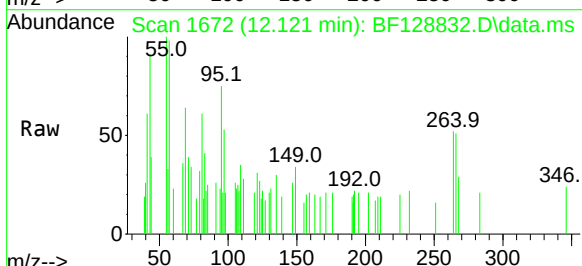
Tgt Ion:149 Resp: 489

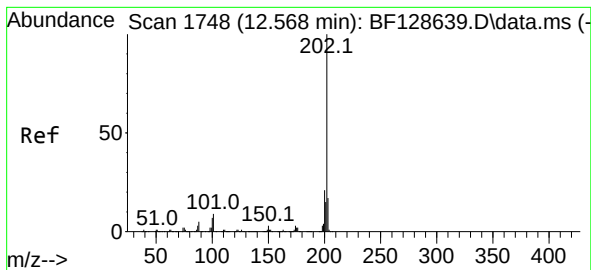
Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 4.4 6.6#





#75

Fluoranthene

Concen: 4.192 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.306 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

Instrument :

BNA_F

ClientSampleId :

DFTPP

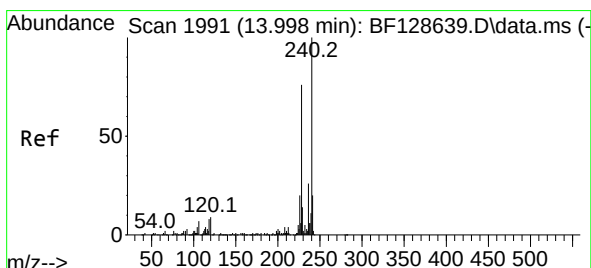
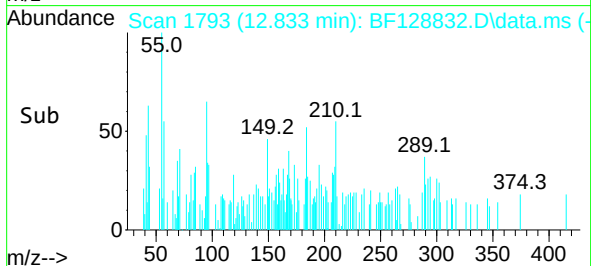
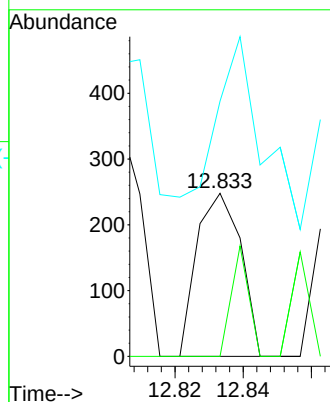
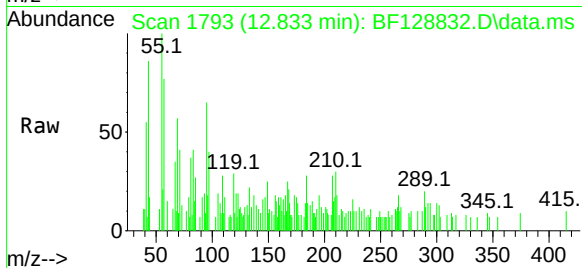
Tgt Ion:202 Resp: 222

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.4

203 156.5 0.0 38.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.280 min Scan# 2039

Delta R.T. 0.318 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

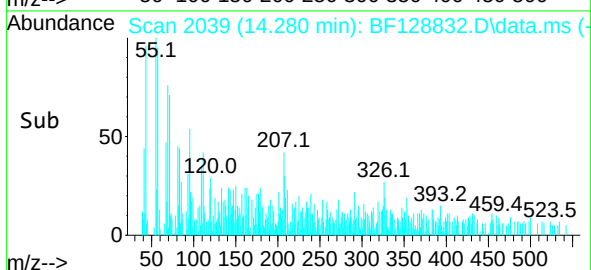
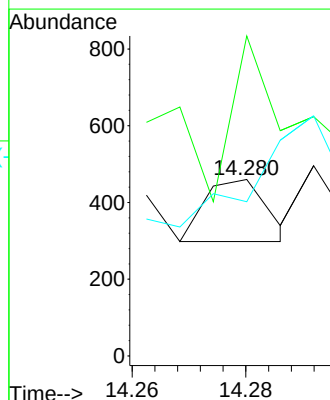
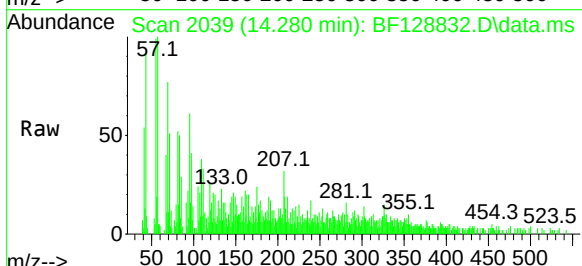
Tgt Ion:240 Resp: 123

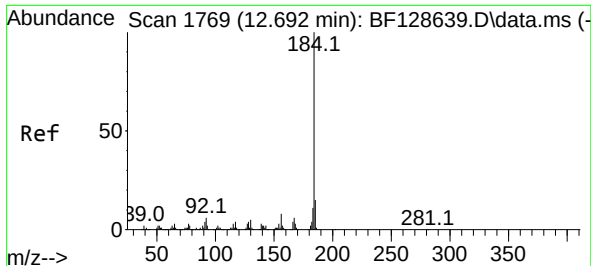
Ion Ratio Lower Upper

240 100

120 181.3 8.9 13.3#

236 87.4 20.8 31.2#

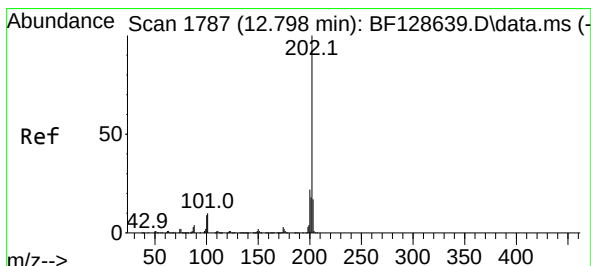
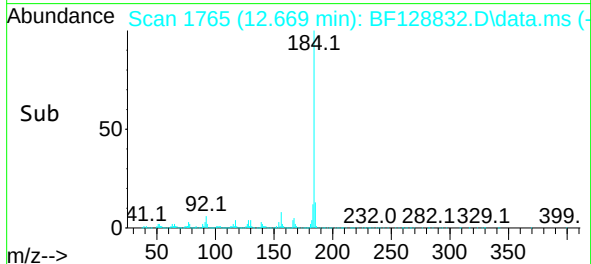
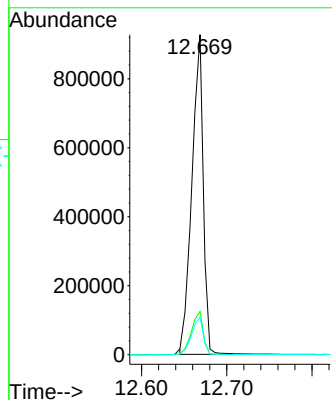
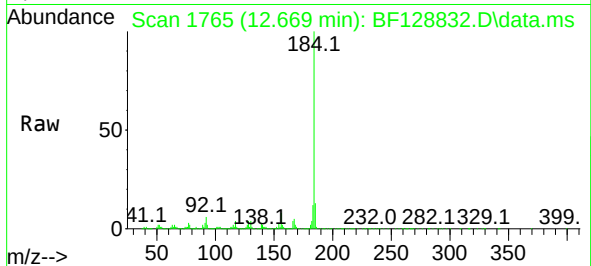




#77
Benzidine
Concen: 349560.403 ng
RT: 12.669 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF128832.D
Acq: 16 Jun 2022 11:22

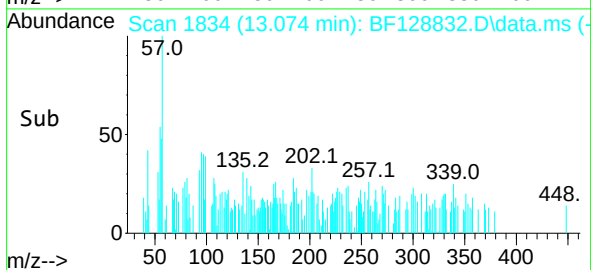
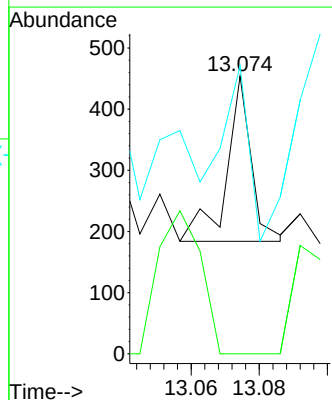
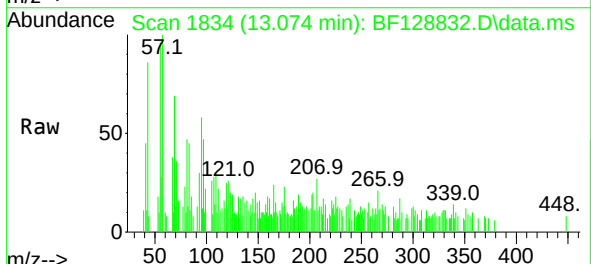
Instrument :
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ClientSampleId :
DFTPP

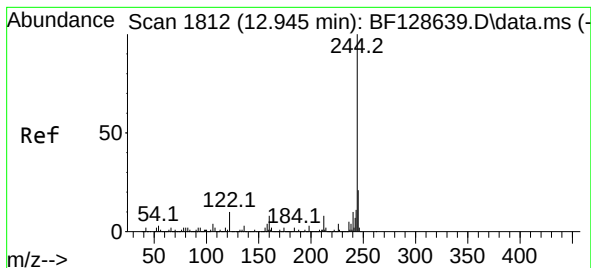
Tgt Ion:184 Resp: 857101
Ion Ratio Lower Upper
184 100
185 13.5 11.9 17.9
183 11.6 9.3 13.9



#78
Pyrene
Concen: 14.862 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.318 min
Lab File: BF128832.D
Acq: 16 Jun 2022 11:22

Tgt Ion:202 Resp: 136
Ion Ratio Lower Upper
202 100
200 0.0 17.7 26.5#
203 103.7 14.6 21.8#





#79

Terphenyl-d14

Concen: 39.415 ng

RT: 13.204 min Scan# 11

Delta R.T. 0.300 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

Instrument :

BNA_F

ClientSampleId :

DFTPP

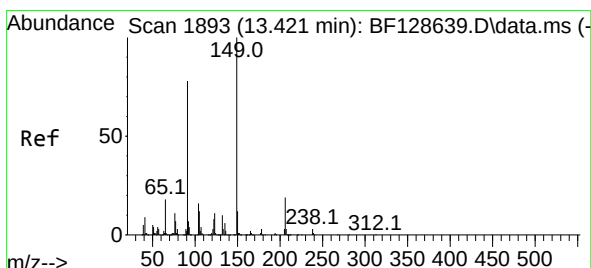
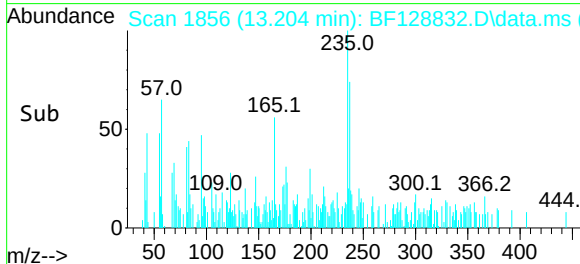
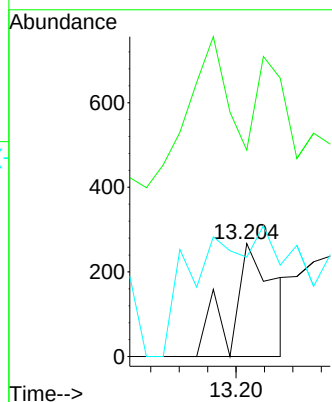
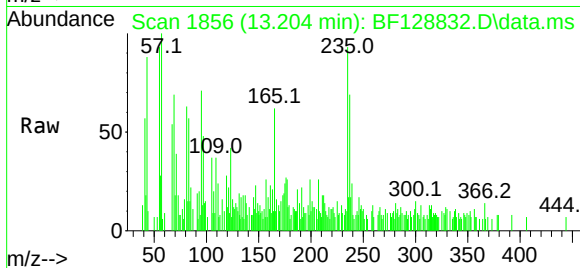
Tgt Ion:244 Resp: 279

Ion Ratio Lower Upper

244 100

212 182.8 6.1 9.1#

122 88.0 8.8 13.2#



#80

Butylbenzylphthalate

Concen: 130.367 ng

RT: 13.668 min Scan# 1935

Delta R.T. 0.288 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

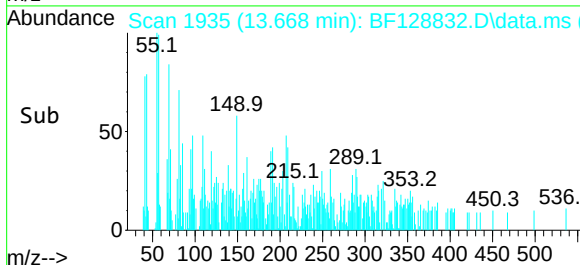
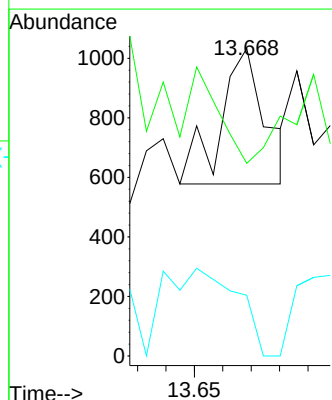
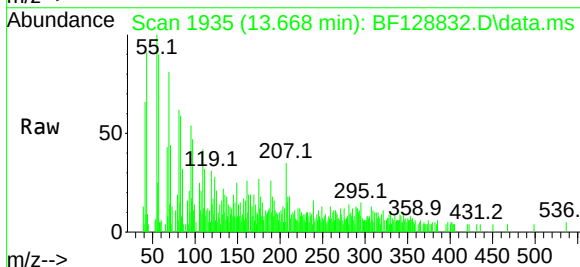
Tgt Ion:149 Resp: 501

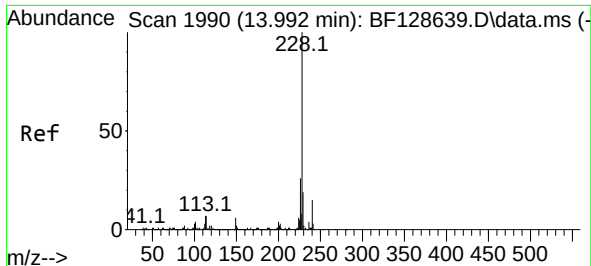
Ion Ratio Lower Upper

149 100

91 62.6 61.2 91.8

206 19.7 15.7 23.5

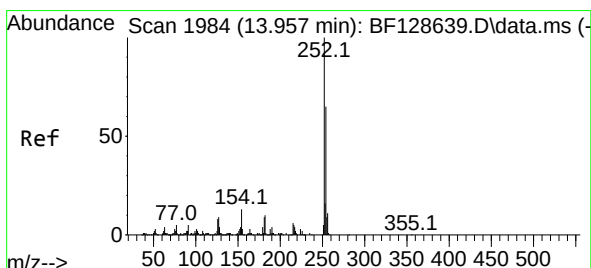
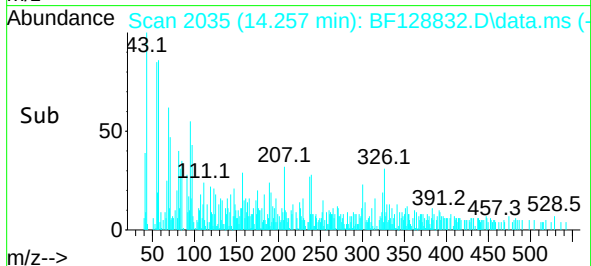
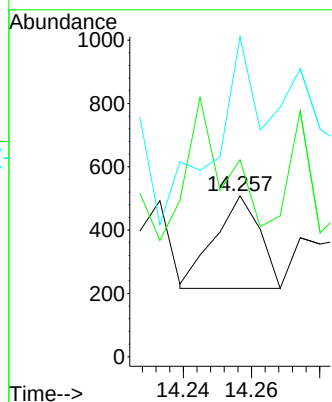
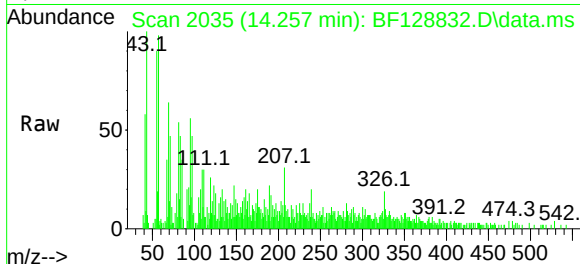




#81
Benzo(a)anthracene
Concen: 35.085 ng
RT: 14.257 min Scan# 2027
Delta R.T. 0.306 min
Lab File: BF128832.D
Acq: 16 Jun 2022 11:22

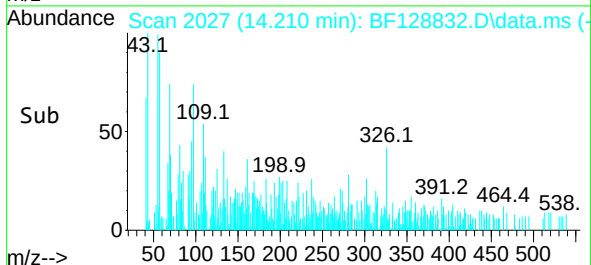
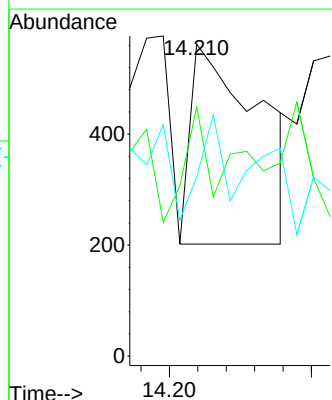
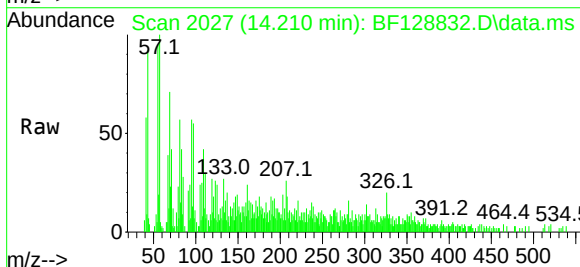
Instrument :
BNA_F
ClientSampleId :
DFTTP

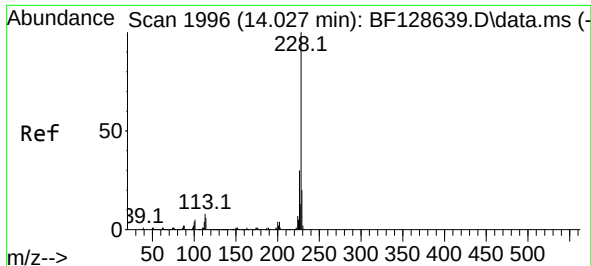
Tgt Ion:228 Resp: 269
Ion Ratio Lower Upper
228 100
226 122.4 22.1 33.1#
229 199.0 15.8 23.8#



#82
3,3'-Dichlorobenzidine
Concen: 363.350 ng
RT: 14.210 min Scan# 2027
Delta R.T. 0.294 min
Lab File: BF128832.D
Acq: 16 Jun 2022 11:22

Tgt Ion:252 Resp: 596
Ion Ratio Lower Upper
252 100
254 79.9 50.2 75.4#
126 57.5 8.2 12.4#





#83

Chrysene

Concen: 57.322 ng

RT: 14.298 min Scan# 2042

Delta R.T. 0.306 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

Instrument :

BNA_F

ClientSampleId :

DFTPP

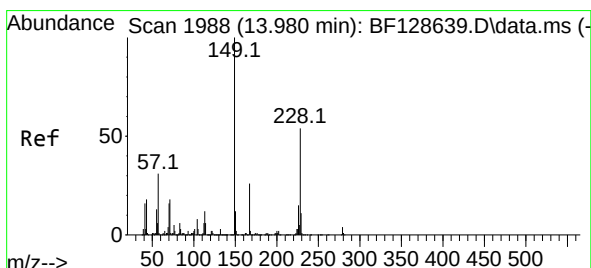
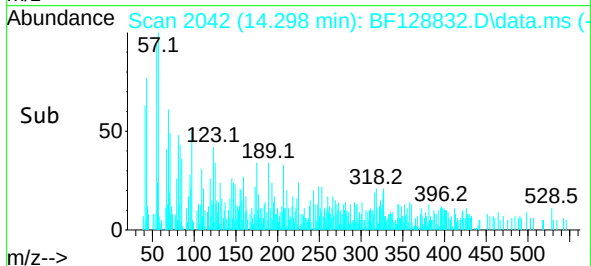
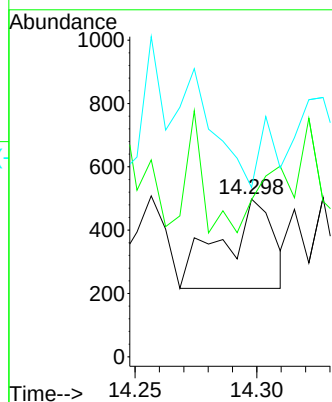
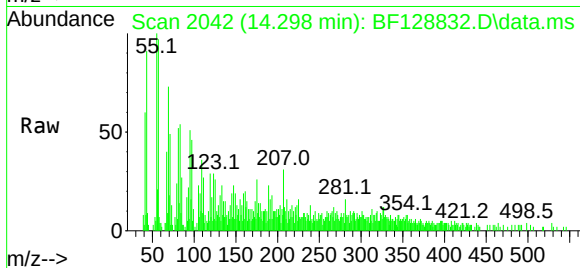
Tgt Ion:228 Resp: 419

Ion Ratio Lower Upper

228 100

226 99.6 24.3 36.5#

229 107.4 15.9 23.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 248.393 ng

RT: 14.286 min Scan# 2040

Delta R.T. 0.347 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

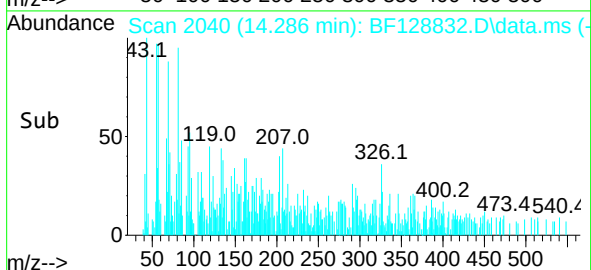
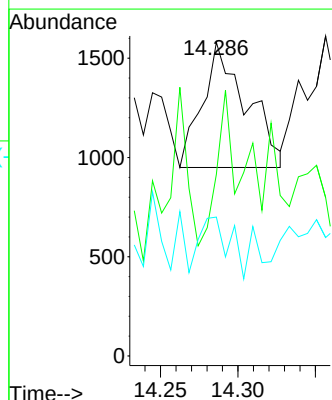
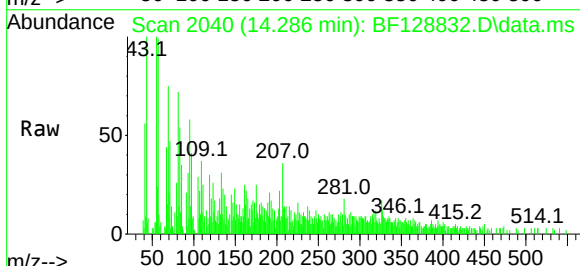
Tgt Ion:149 Resp: 1241

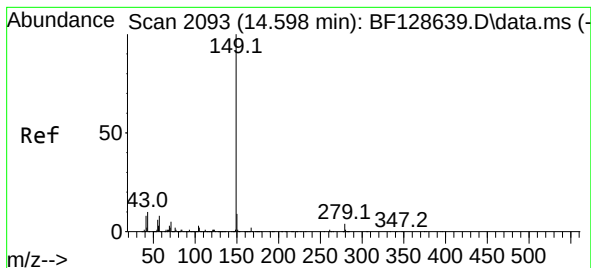
Ion Ratio Lower Upper

149 100

167 57.9 21.0 31.4#

279 44.3 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 39.204 ng

RT: 14.886 min Scan# 2142

Delta R.T. 0.335 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

Instrument :

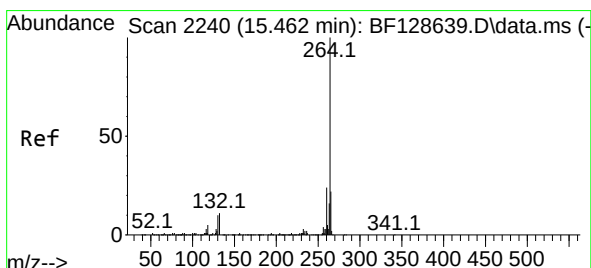
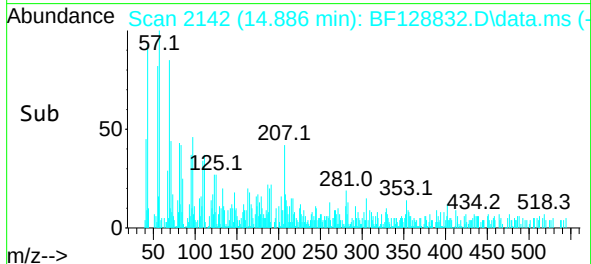
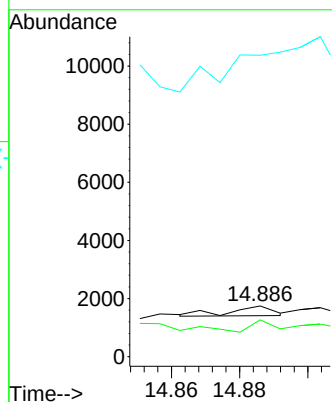
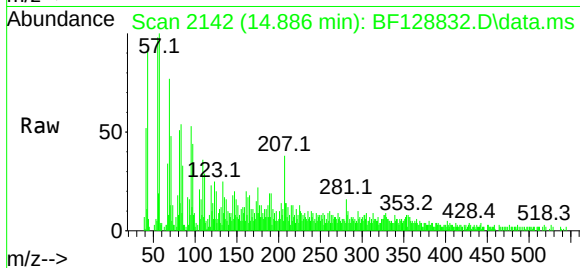
BNA_F

ClientSampleId :

DFTPP

Tgt Ion:149 Resp: 295

Ion	Ratio	Lower	Upper
149	100		
167	143.7	1.3	1.9#
43	1101.7	9.2	13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.768 min Scan# 2292

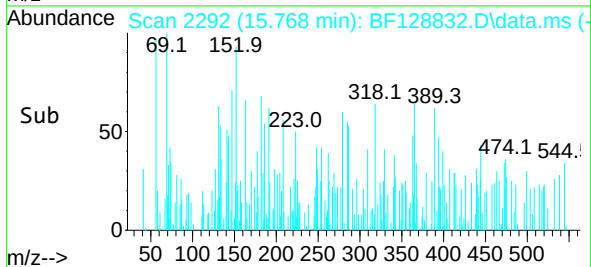
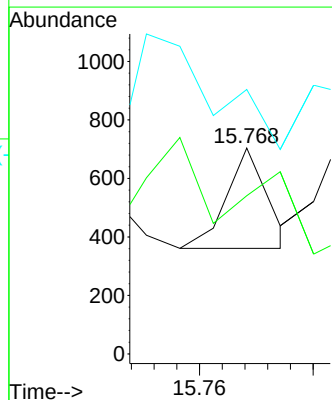
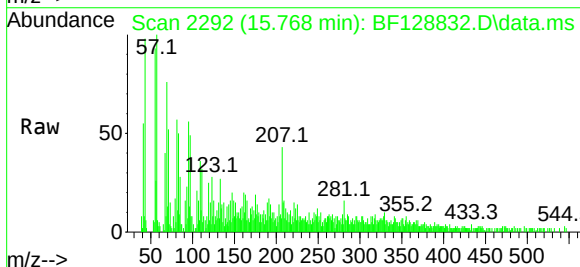
Delta R.T. 0.353 min

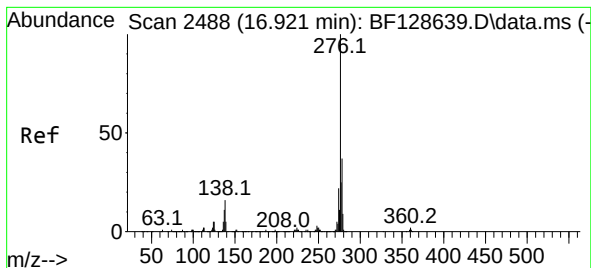
Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

Tgt Ion:264 Resp: 173

Ion	Ratio	Lower	Upper
264	100		
260	76.8	18.4	27.6#
265	128.4	17.2	25.8#





#87

Indeno(1,2,3-cd)pyrene

Concen: 22.825 ng

RT: 17.256 min Scan# 2113

Delta R.T. 0.394 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

Instrument :

BNA_F

ClientSampleId :

DFTTP

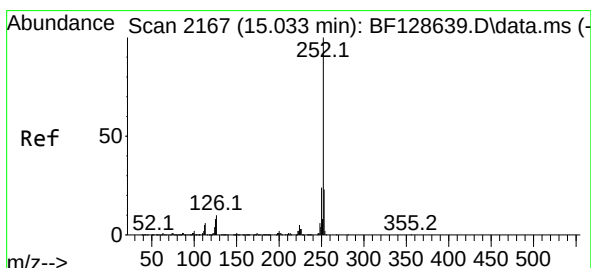
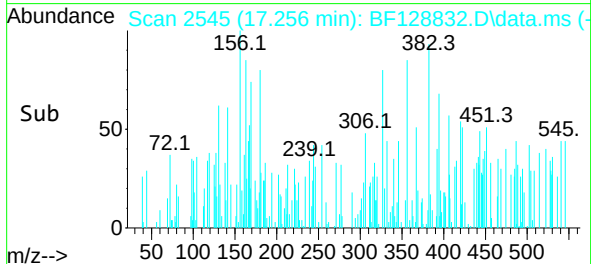
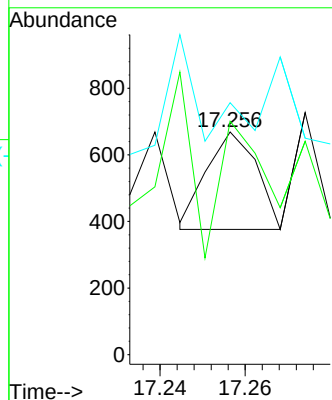
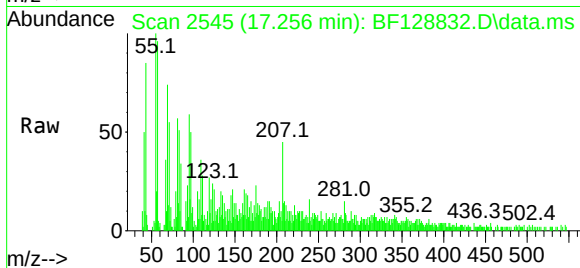
Tgt Ion:276 Resp: 238

Ion Ratio Lower Upper

276 100

138 214.3 21.1 31.7#

277 0.0 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 24.786 ng

RT: 15.304 min Scan# 2213

Delta R.T. 0.312 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

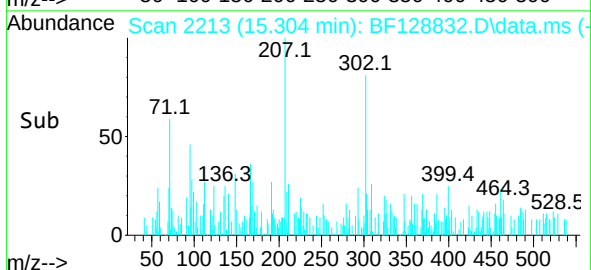
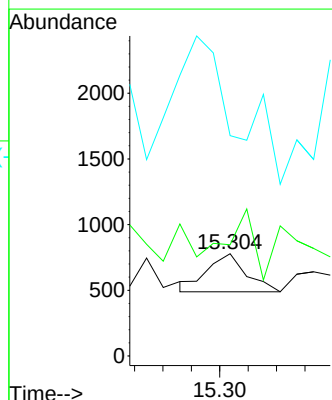
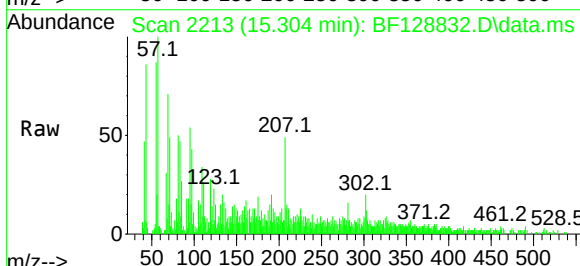
Tgt Ion:252 Resp: 274

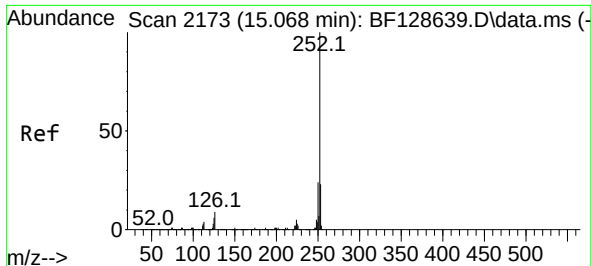
Ion Ratio Lower Upper

252 100

253 108.6 17.7 26.5#

125 215.3 8.0 12.0#

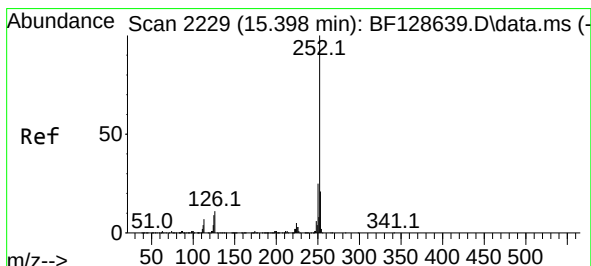
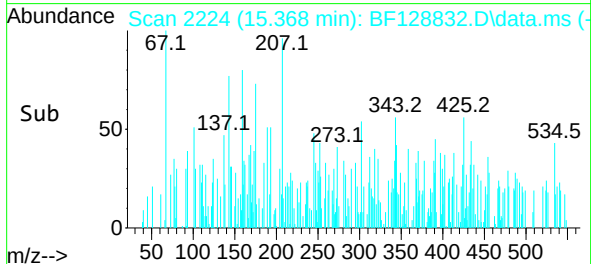
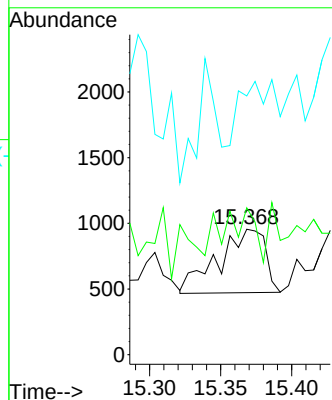
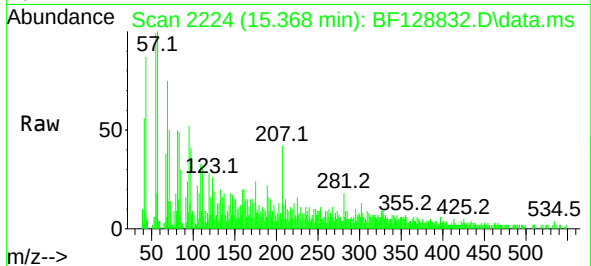




#89
Benzo(k)fluoranthene
Concen: 107.512 ng
RT: 15.368 min Scan# 2173
Delta R.T. 0.341 min
Lab File: BF128832.D
Acq: 16 Jun 2022 11:22

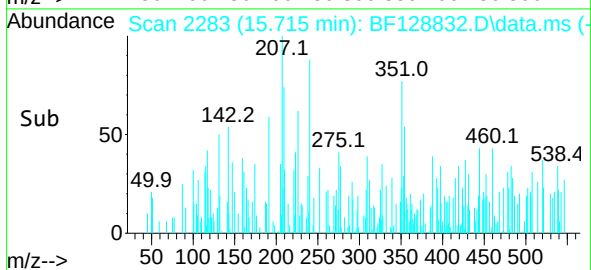
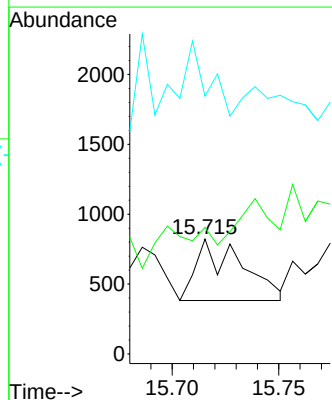
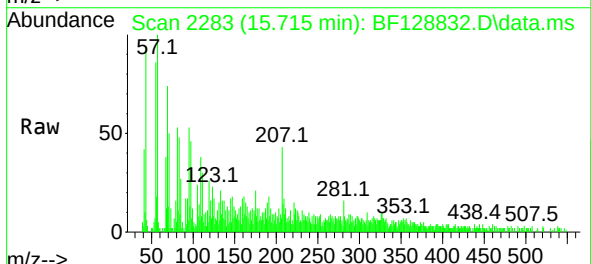
Instrument :
BNA_F
ClientSampleId :
DFTPP

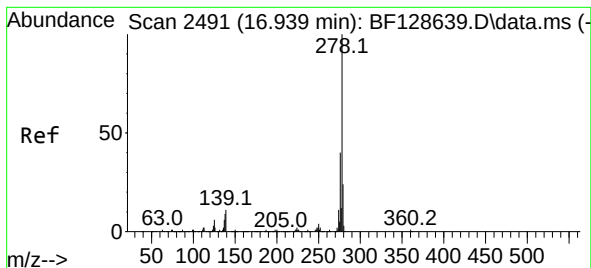
Tgt Ion:252 Resp: 1118
Ion Ratio Lower Upper
252 100
253 117.1 17.8 26.6#
125 206.3 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 75.042 ng
RT: 15.715 min Scan# 2283
Delta R.T. 0.359 min
Lab File: BF128832.D
Acq: 16 Jun 2022 11:22

Tgt Ion:252 Resp: 652
Ion Ratio Lower Upper
252 100
253 110.1 17.0 25.6#
125 224.5 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 56.307 ng

RT: 17.251 min Scan# 21

Delta R.T. 0.376 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

Instrument :

BNA_F

ClientSampleId :

DFTTP

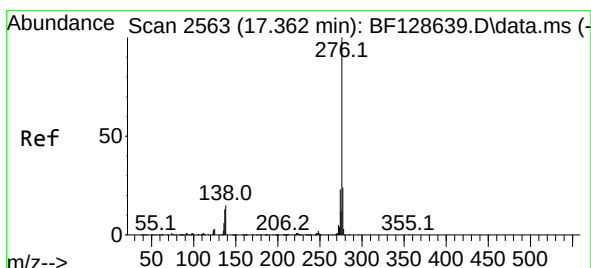
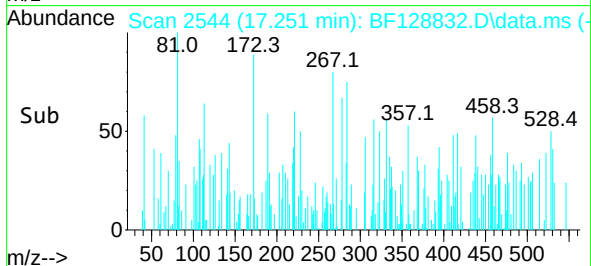
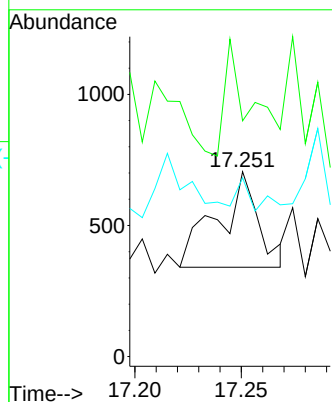
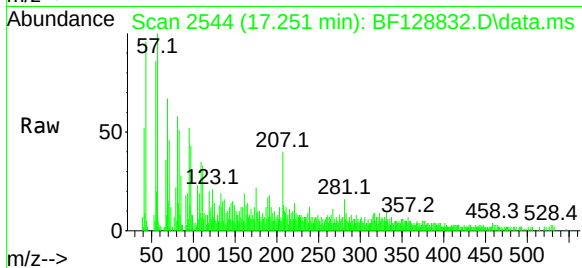
Tgt Ion:278 Resp: 487

Ion Ratio Lower Upper

278 100

139 127.5 12.8 19.2#

279 96.7 18.6 28.0#



#92

Benzo(g,h,i)perylene

Concen: 30.681 ng

RT: 17.703 min Scan# 2621

Delta R.T. 0.406 min

Lab File: BF128832.D

Acq: 16 Jun 2022 11:22

Tgt Ion:276 Resp: 263

Ion Ratio Lower Upper

276 100

277 83.0 19.1 28.7#

138 96.1 18.0 27.0#

