

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128924.D
 Acq On : 22 Jun 2022 10:23
 Operator : CG\JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jun 23 01:23:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

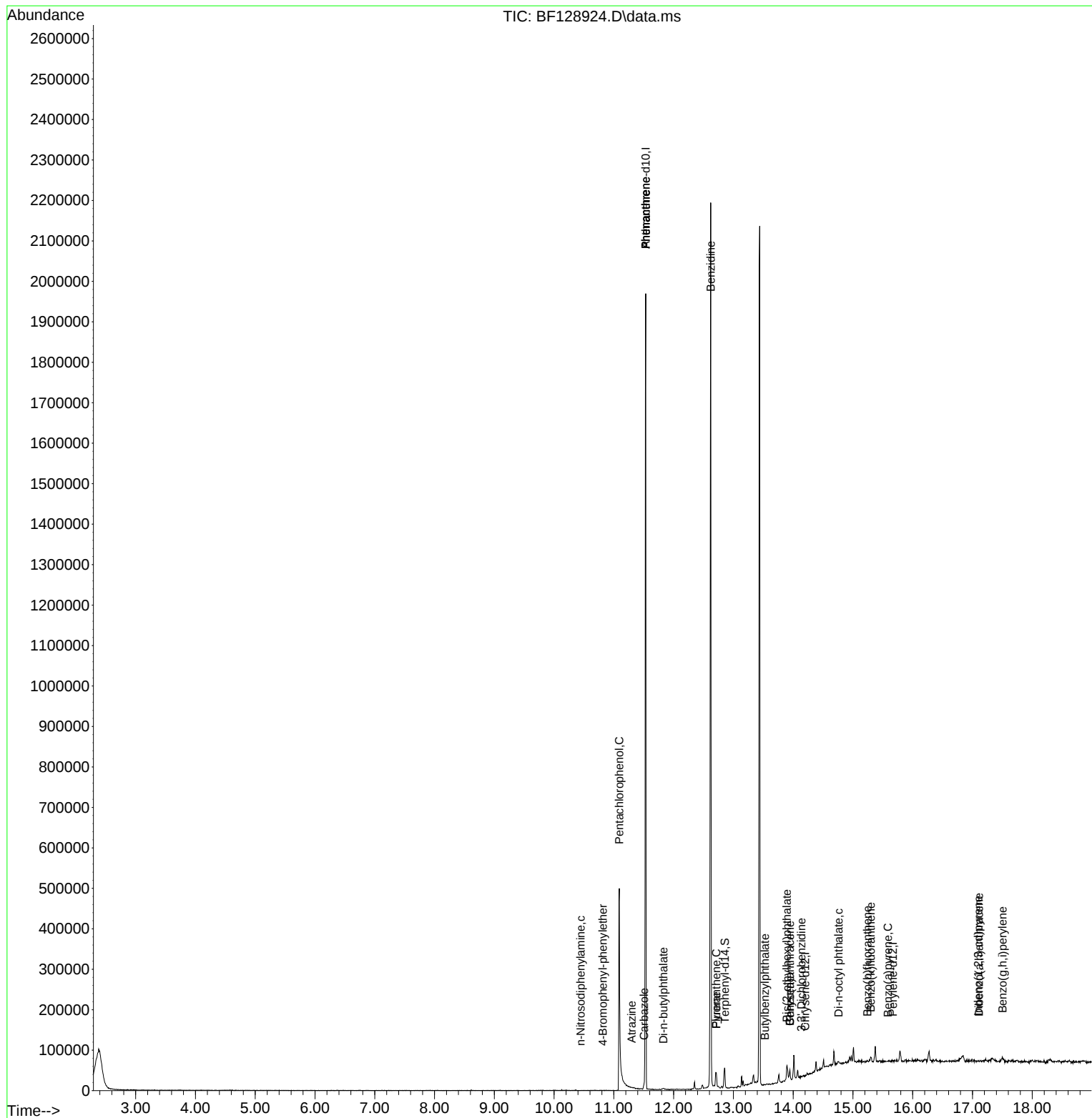
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.76
21) Naphthalene-d8	0.000	136	0	0.000	ng	-8.04
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-9.79
64) Phenanthrene-d10	11.533	188	552	20.000	ng	# 0.25
76) Chrysene-d12	14.204	240	60	20.000	ng	# 0.28
86) Perylene-d12	15.668	264	386	20.000	ng	# 0.31
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	7.322	82	137	0.000	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.110	172	310	0.000	ng	0.00
79) Terphenyl-d14	12.857	244	26222	7594.049	ng	-0.01
Target Compounds						Qvalue
66) n-Nitrosodiphenylamine	10.445	169	77	4.538	ng	# 26
67) 4-Bromophenyl-phenylether	10.816	248	86	13.971	ng	# 5
69) Atrazine	11.298	200	519	95.123	ng	# 36
70) Pentachlorophenol	11.092	266	79477	23289.338	ng	98
71) Phenanthrene	11.533	178	486	17.553	ng	# 1
72) Anthracene	11.533	178	486	17.734	ng	# 1
73) Carbazole	11.504	167	5370	210.976	ng	97
74) Di-n-butylphthalate	11.827	149	1954	63.052	ng	# 78
75) Fluoranthene	12.716	202	28442	982.746	ng	100
77) Benzidine	12.621	184	820393	685908.265	ng	99
78) Pyrene	12.716	202	27353	6127.501	ng	97
80) Butylbenzylphthalate	13.527	149	223	118.957	ng	# 87
81) Benzo(a)anthracene	13.945	228	11026	2948.121	ng	94
82) 3,3'-Dichlorobenzidine	14.139	252	129	161.221	ng	# 26
83) Chrysene	13.945	228	8461	2372.930	ng	96
84) Bis(2-ethylhexyl)phtha...	13.892	149	8436	3461.449	ng	99
85) Di-n-octyl phthalate	14.762	149	584	159.101	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.098	276	75	3.224	ng	# 49
88) Benzo(b)fluoranthene	15.245	252	207	8.392	ng	# 1
89) Benzo(k)fluoranthene	15.298	252	4855	209.248	ng	# 90
90) Benzo(a)pyrene	15.586	252	296	15.269	ng	# 1
91) Dibenzo(a,h)anthracene	17.109	278	60	3.109	ng	# 1
92) Benzo(g,h,i)perylene	17.503	276	68	3.555	ng	# 52

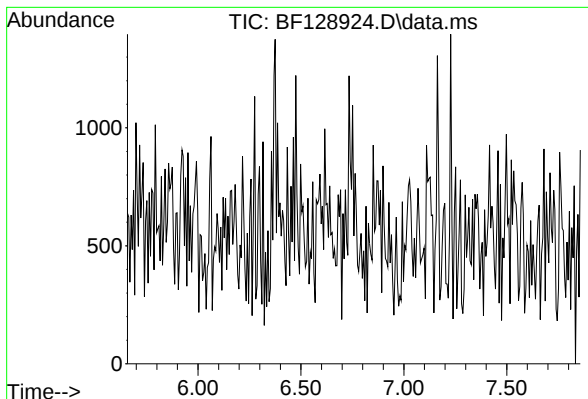
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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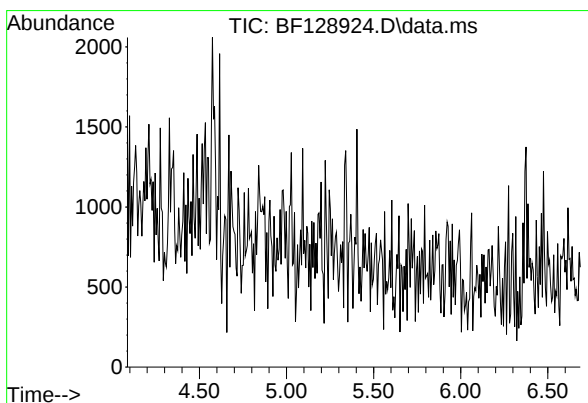
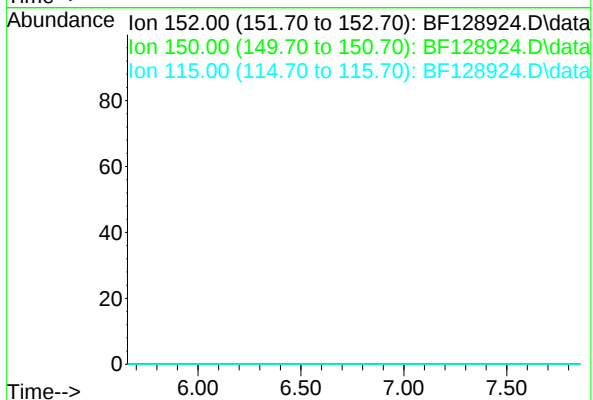


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.76 min
 Lab File: BF128924.D
 Acq: 22 Jun 2022 10:23

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 152

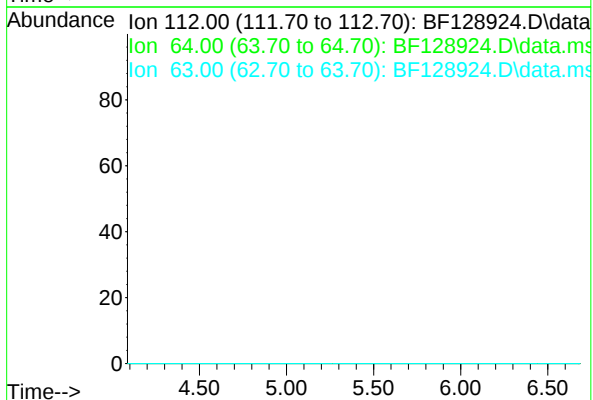
Sig	Exp Ratio
152	100
150	154.6
115	62.4

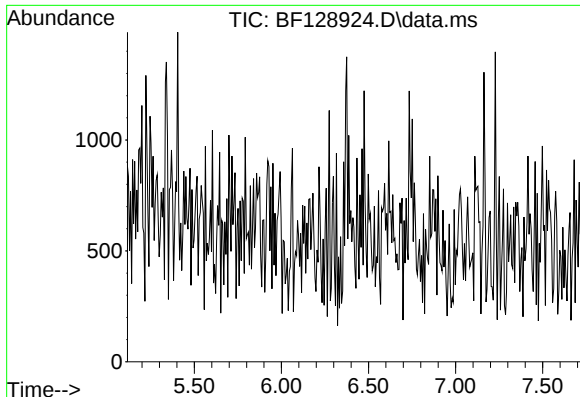


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.39 min
 Lab File: BF128924.D
 Acq: 22 Jun 2022 10:23

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	66.6
63	35.0



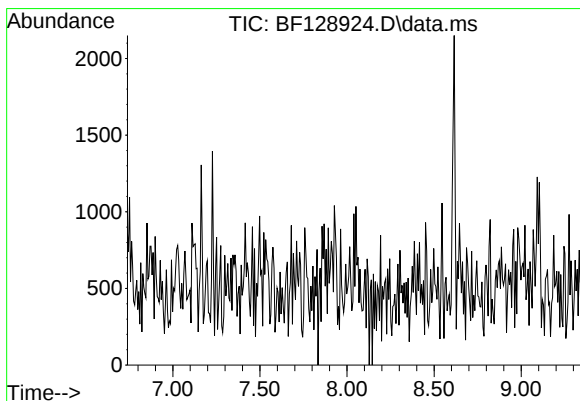
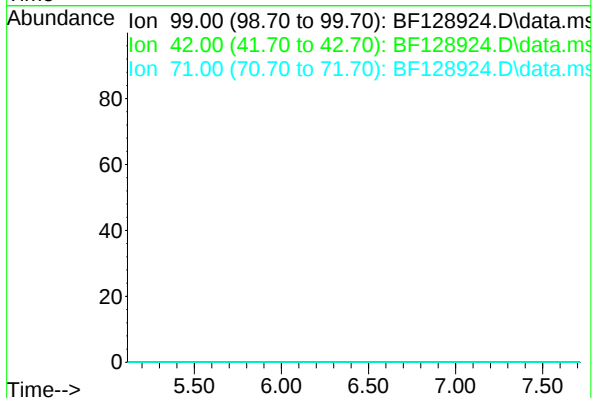


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.42 min
 Lab File: BF128924.D
 Acq: 22 Jun 2022 10:23

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 99

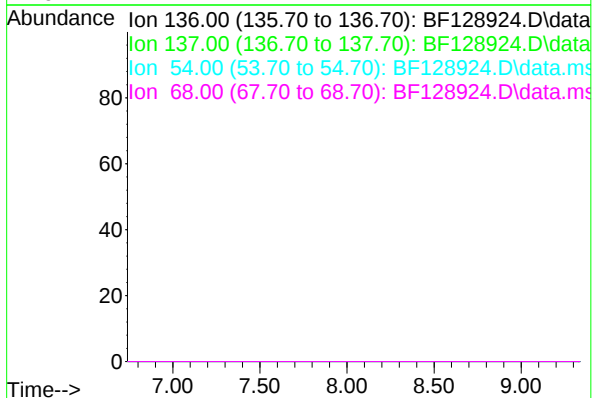
Sig	Exp Ratio
99	100
42	21.6
71	36.1



#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 8.04 min
 Lab File: BF128924.D
 Acq: 22 Jun 2022 10:23

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.0
54	9.4
68	5.9





#23

Nitrobenzene-d5

Concen: 0.000 ng

RT: 7.322 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

Instrument :

BNA_F

ClientSampleId :

DFTTP

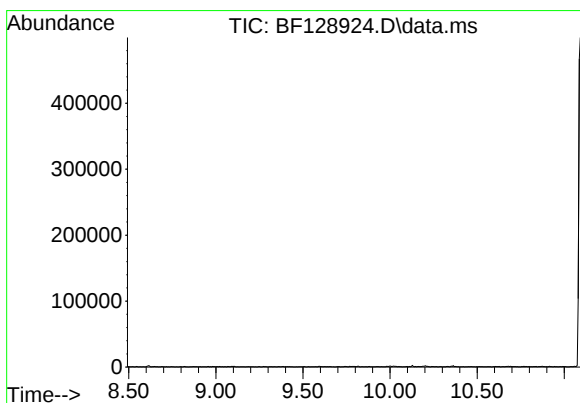
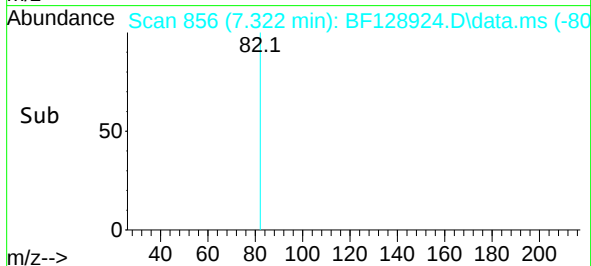
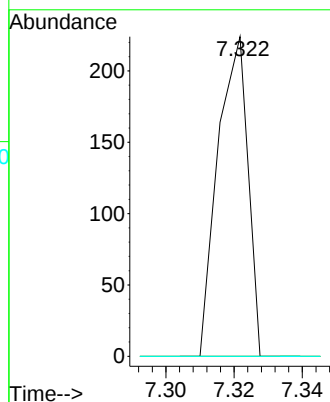
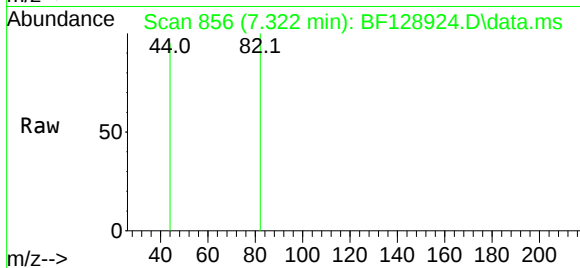
Tgt Ion: 82 Resp: 137

Ion Ratio Lower Upper

82 100

128 0.0 34.0 51.0#

54 0.0 46.9 70.3#



#39

Acenaphthene-d10

Concen: 0.000 ng

Expected RT: 9.79 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

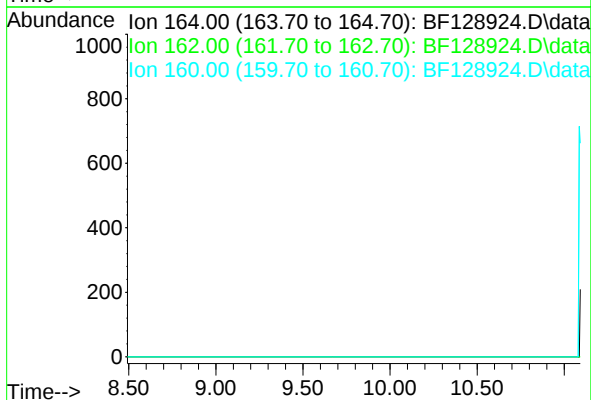
Tgt Ion: 164

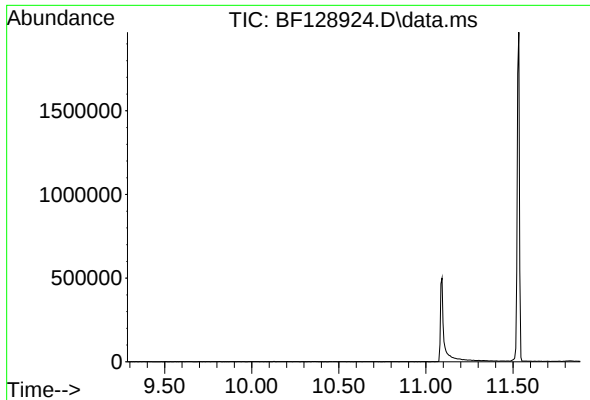
Sig Exp Ratio

164 100

162 99.4

160 42.8



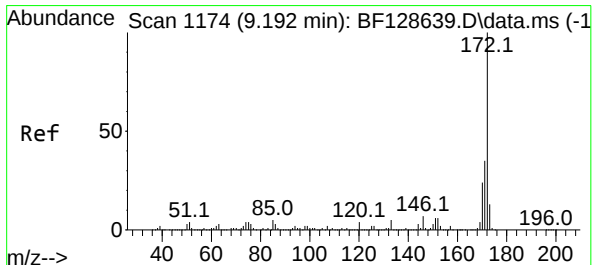
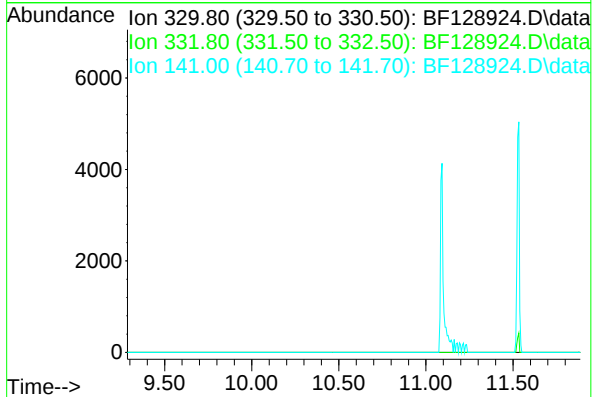


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.59 min
 Lab File: BF128924.D
 Acq: 22 Jun 2022 10:23

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 330

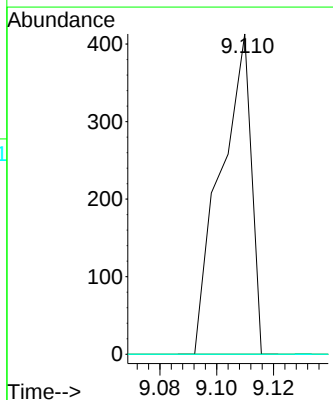
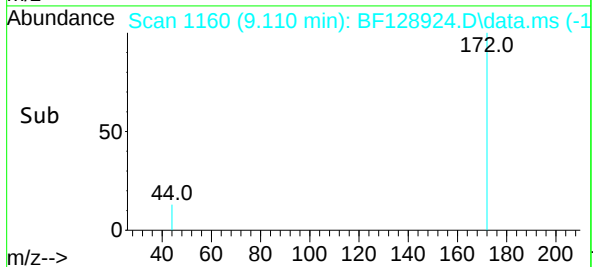
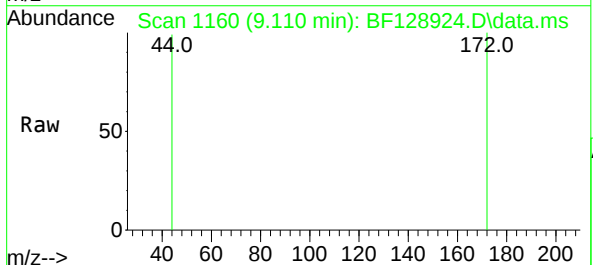
Sig	Exp Ratio
330	100
332	96.0
141	35.0

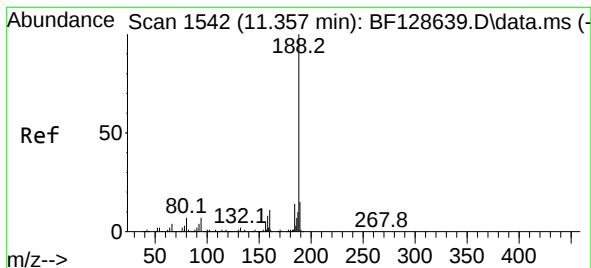


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 9.110 min Scan# 1160
 Delta R.T. -0.006 min
 Lab File: BF128924.D
 Acq: 22 Jun 2022 10:23

Tgt Ion: 172 Resp: 310

Ion	Ratio	Lower	Upper
172	100		
171	0.0	28.8	43.2#
170	0.0	19.8	29.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.533 min Scan# 11

Delta R.T. 0.253 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

Instrument :

BNA_F

ClientSampleId :

DFTTP

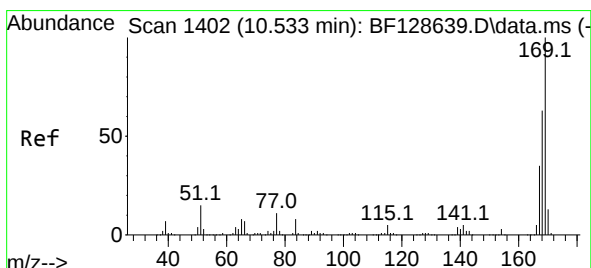
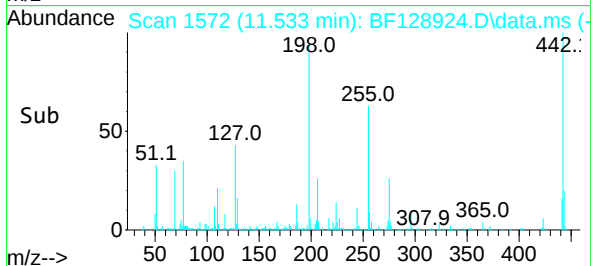
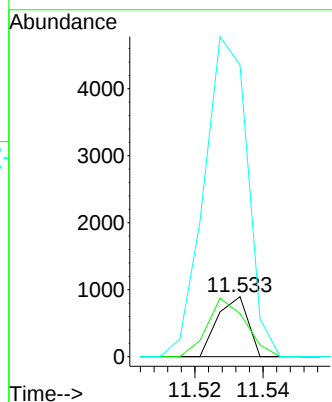
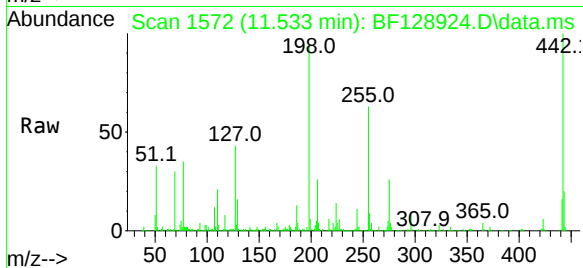
Tgt Ion:188 Resp: 552

Ion Ratio Lower Upper

188 100

94 71.8 7.0 10.6#

80 485.9 7.6 11.4#



#66

n-Nitrosodiphenylamine

Concen: 4.538 ng

RT: 10.445 min Scan# 1387

Delta R.T. -0.012 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

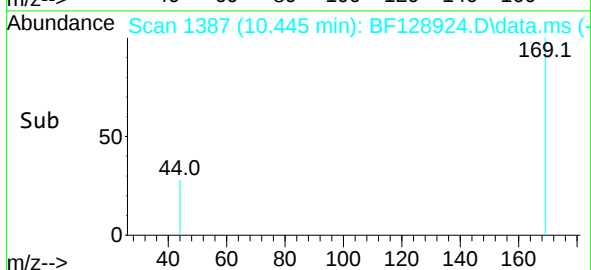
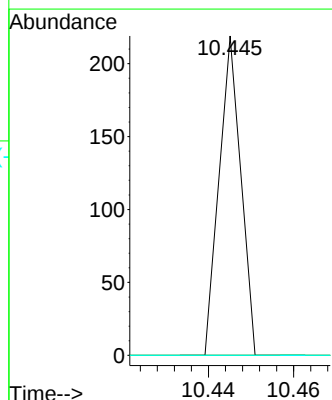
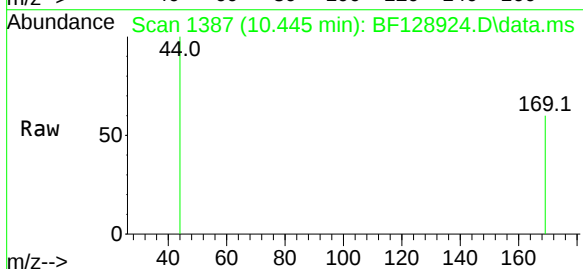
Tgt Ion:169 Resp: 77

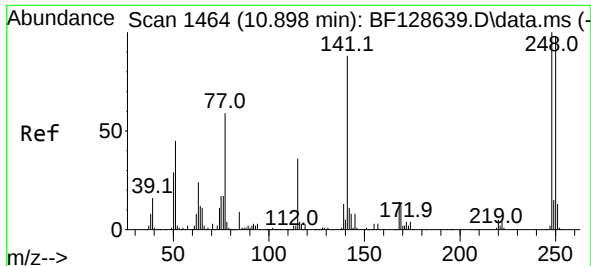
Ion Ratio Lower Upper

169 100

168 0.0 50.1 75.1#

167 0.0 27.9 41.9#

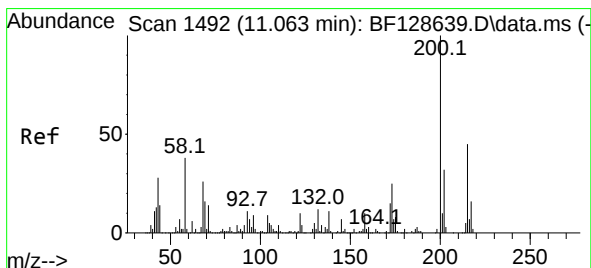
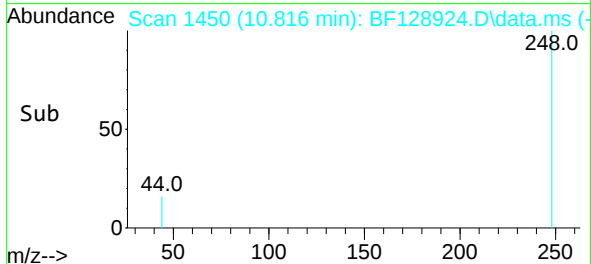
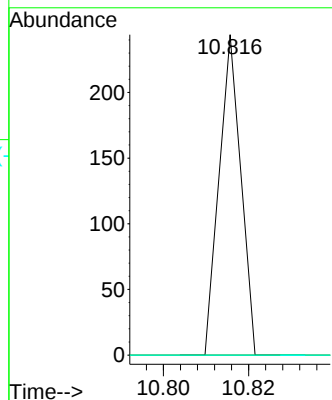
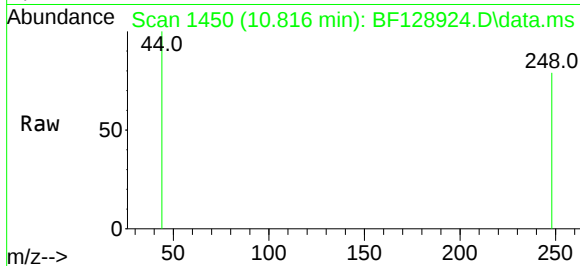




#67
4-Bromophenyl-phenylether
Concen: 13.971 ng
RT: 10.816 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF128924.D
Acq: 22 Jun 2022 10:23

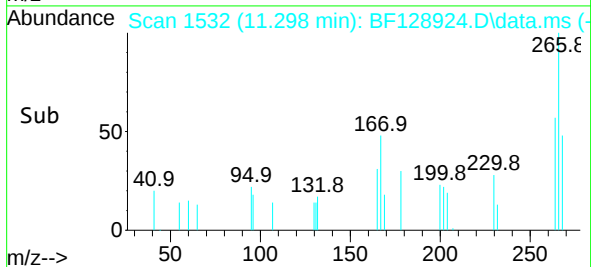
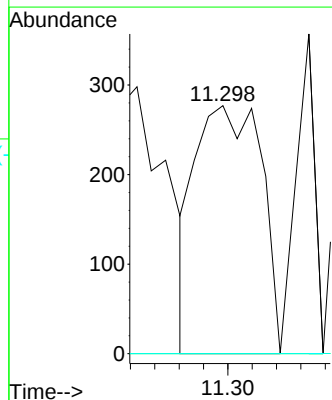
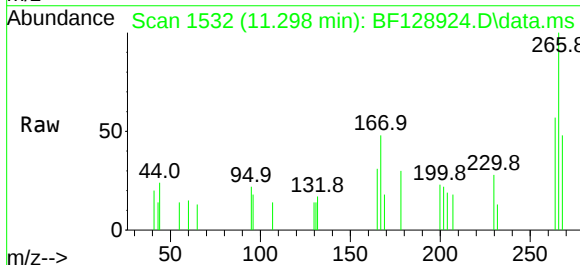
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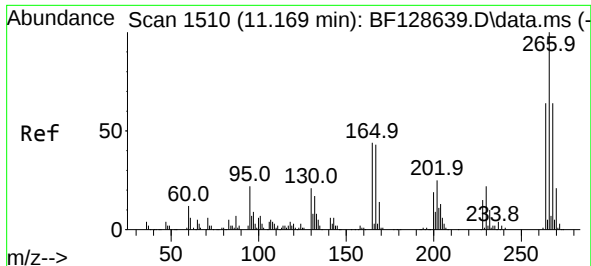
Tgt Ion:248 Resp: 86
Ion Ratio Lower Upper
248 100
250 0.0 80.6 120.8#
141 0.0 58.9 88.3#



#69
Atrazine
Concen: 95.123 ng
RT: 11.298 min Scan# 1532
Delta R.T. 0.312 min
Lab File: BF128924.D
Acq: 22 Jun 2022 10:23

Tgt Ion:200 Resp: 519
Ion Ratio Lower Upper
200 100
173 0.0 6.3 46.3#
215 0.0 28.3 68.3#

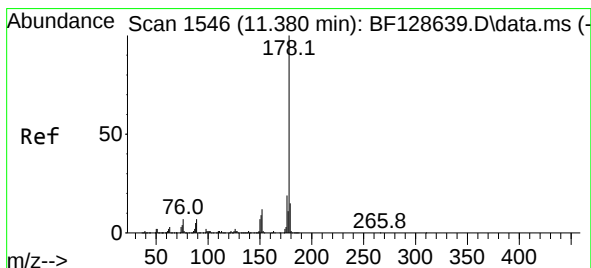
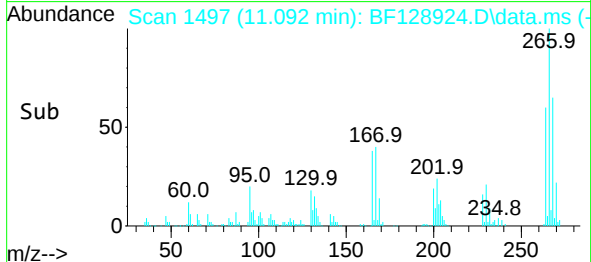
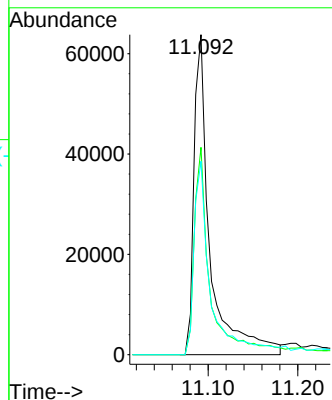
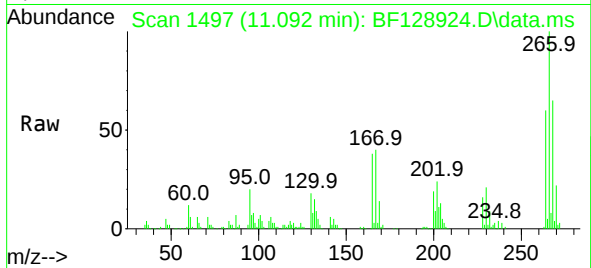




#70
Pentachlorophenol
Concen: 23289.338 ng
RT: 11.092 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF128924.D
Acq: 22 Jun 2022 10:23

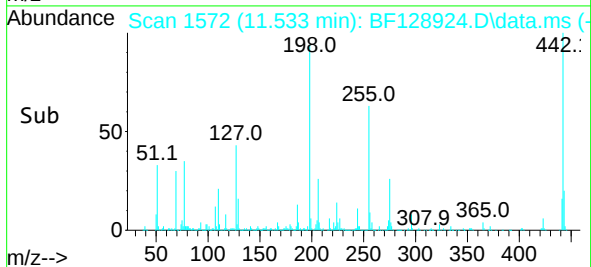
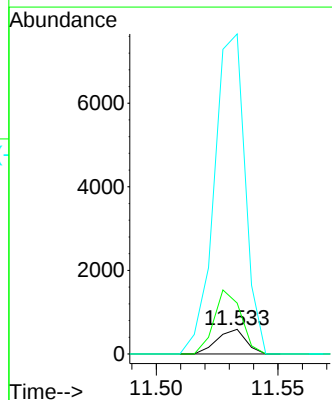
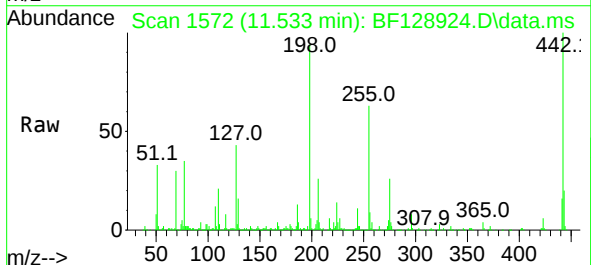
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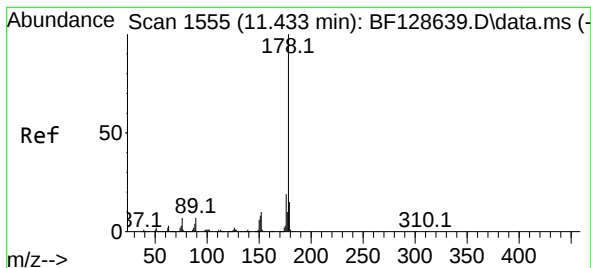
Tgt Ion:266 Resp: 79477
Ion Ratio Lower Upper
266 100
268 64.8 51.0 76.4
264 60.5 49.4 74.2



#71
Phenanthrene
Concen: 17.553 ng
RT: 11.533 min Scan# 1572
Delta R.T. 0.223 min
Lab File: BF128924.D
Acq: 22 Jun 2022 10:23

Tgt Ion:178 Resp: 486
Ion Ratio Lower Upper
178 100
176 207.0 16.0 24.0#
179 1300.2 12.6 19.0#





#72

Anthracene

Concen: 17.734 ng

RT: 11.533 min Scan# 1572

Delta R.T. 0.176 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

Instrument :

BNA_F

ClientSampleId :

DFTPP

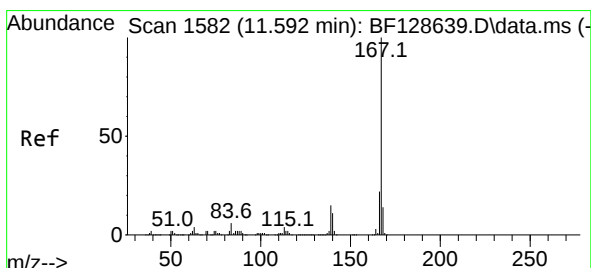
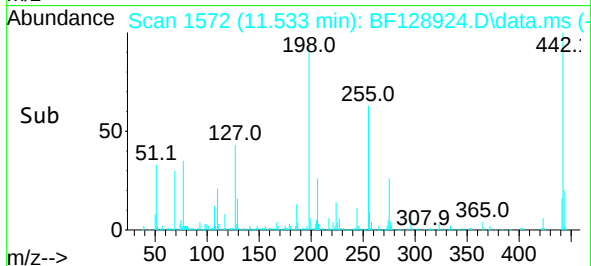
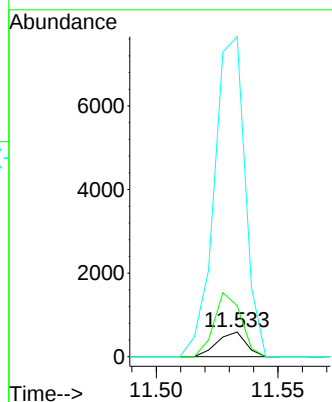
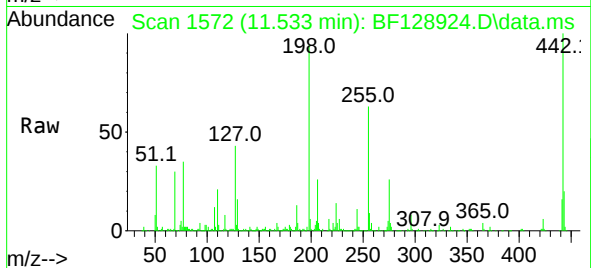
Tgt Ion:178 Resp: 486

Ion Ratio Lower Upper

178 100

176 207.0 15.4 23.2#

179 1300.2 12.6 19.0#



#73

Carbazole

Concen: 210.976 ng

RT: 11.504 min Scan# 1567

Delta R.T. -0.012 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

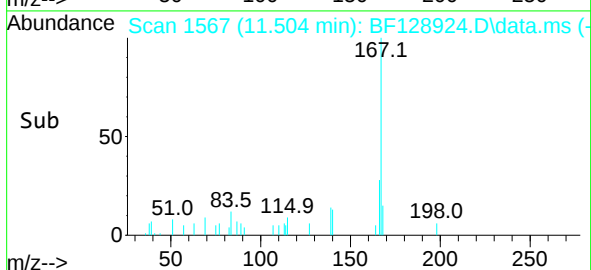
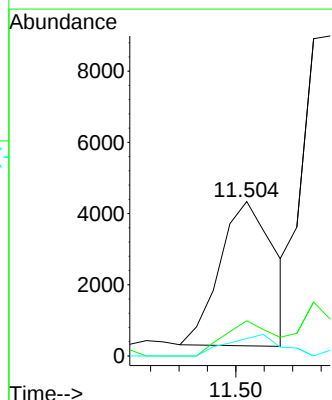
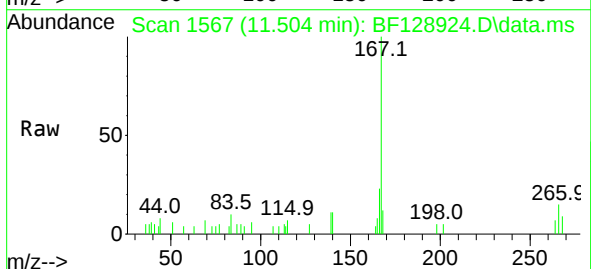
Tgt Ion:167 Resp: 5370

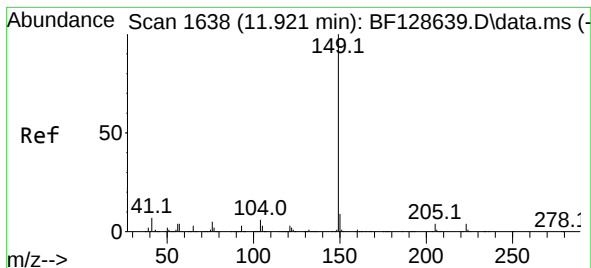
Ion Ratio Lower Upper

167 100

166 22.8 17.7 26.5

139 11.3 11.2 16.8





#74

Di-n-butylphthalate

Concen: 63.052 ng

RT: 11.827 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

Instrument :

BNA_F

ClientSampleId :

DFTPP

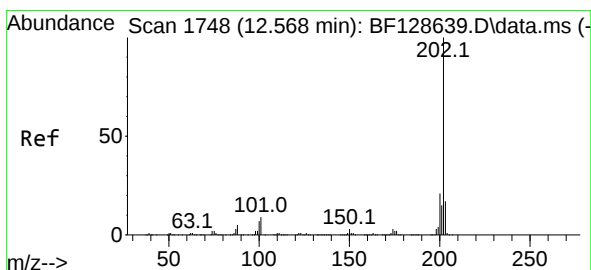
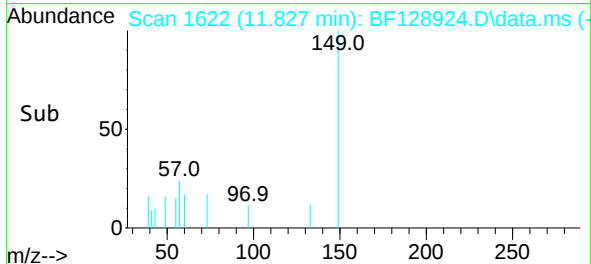
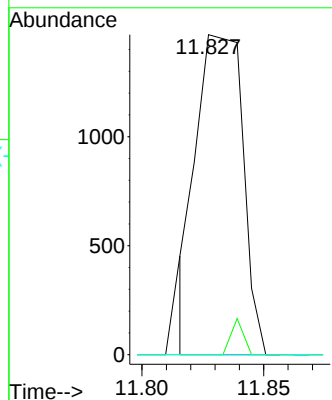
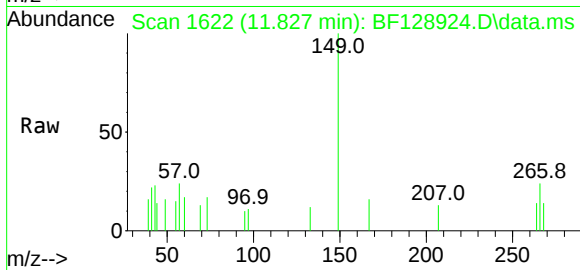
Tgt Ion:149 Resp: 1954

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 4.4 6.6#



#75

Fluoranthene

Concen: 982.746 ng

RT: 12.716 min Scan# 1773

Delta R.T. 0.218 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

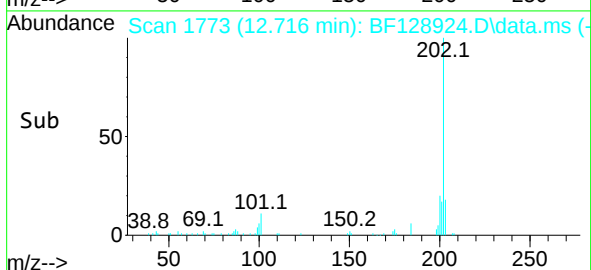
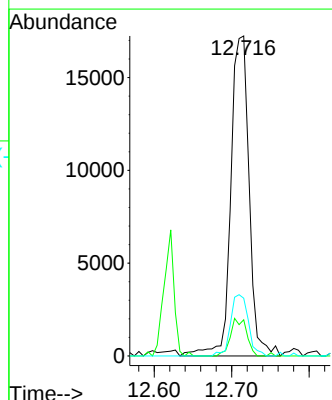
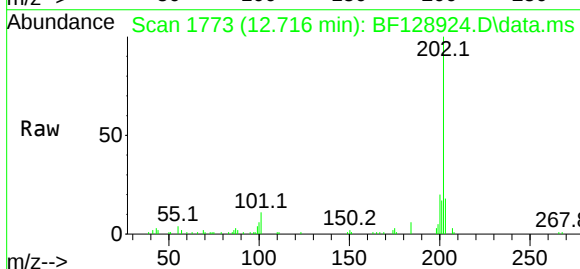
Tgt Ion:202 Resp: 28442

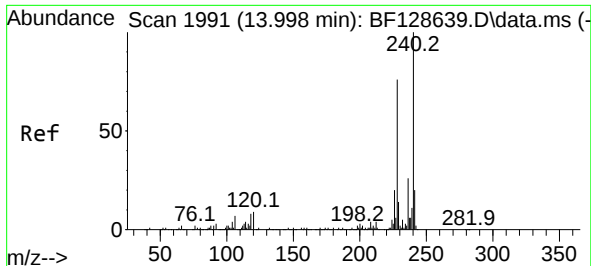
Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.4

203 18.1 0.0 38.0

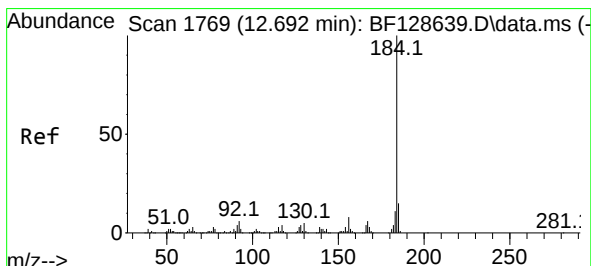
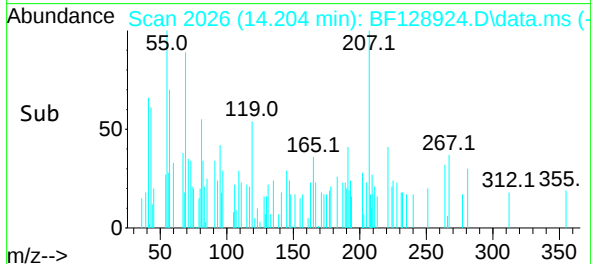
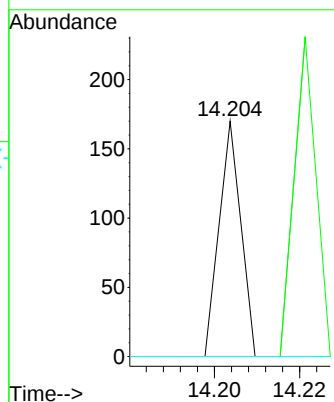
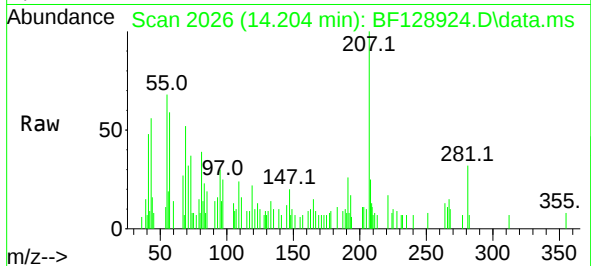




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 20
Delta R.T. 0.276 min
Lab File: BF128924.D
Acq: 22 Jun 2022 10:23

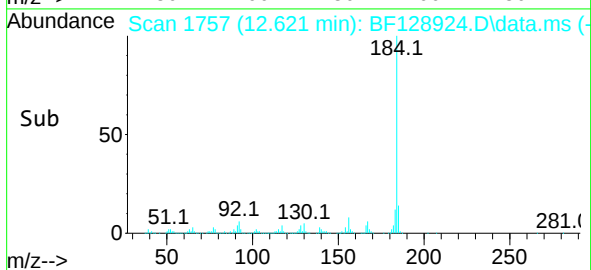
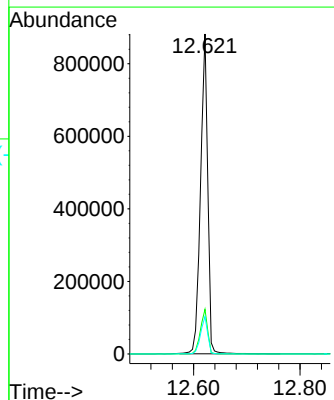
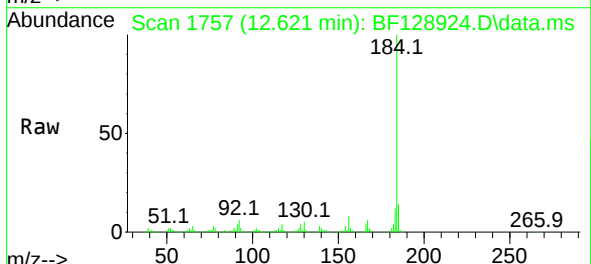
Instrument :
BNA_F
ClientSampleId :
DFTPP

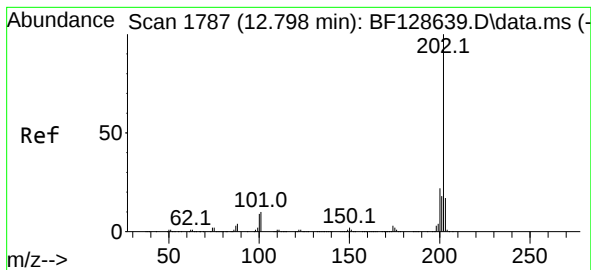
Tgt Ion:240 Resp: 60
Ion Ratio Lower Upper
240 100
120 0.0 8.9 13.3#
236 0.0 20.8 31.2#



#77
Benzidine
Concen: 685908.265 ng
RT: 12.621 min Scan# 1757
Delta R.T. 0.006 min
Lab File: BF128924.D
Acq: 22 Jun 2022 10:23

Tgt Ion:184 Resp: 820393
Ion Ratio Lower Upper
184 100
185 13.9 11.9 17.9
183 11.7 9.3 13.9





#78

Pyrene

Concen: 6127.501 ng

RT: 12.716 min Scan# 1773

Delta R.T. -0.012 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

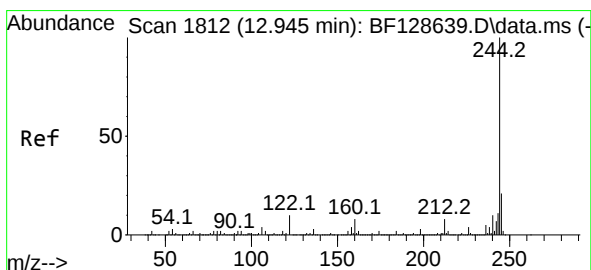
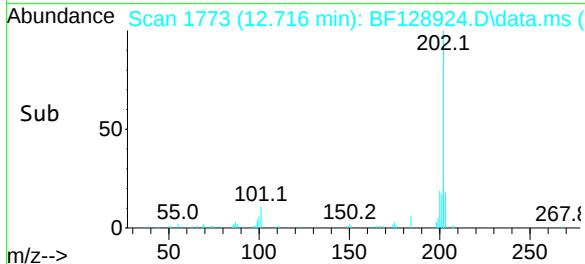
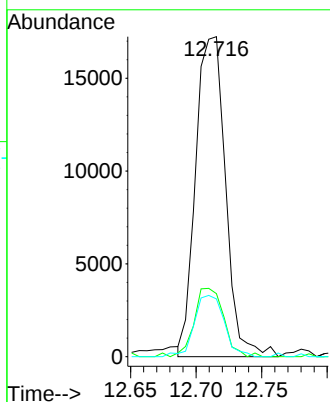
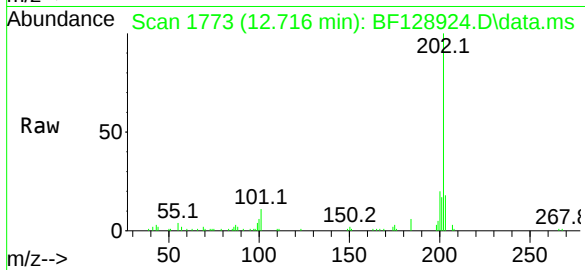
Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:	202	Resp:	27353
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.7	26.5
203	18.1	14.6	21.8



#79

Terphenyl-d14

Concen: 7594.049 ng

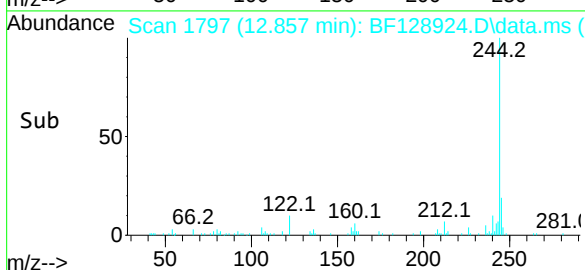
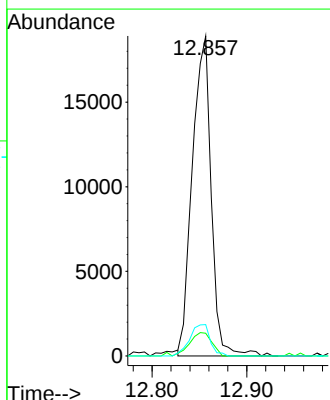
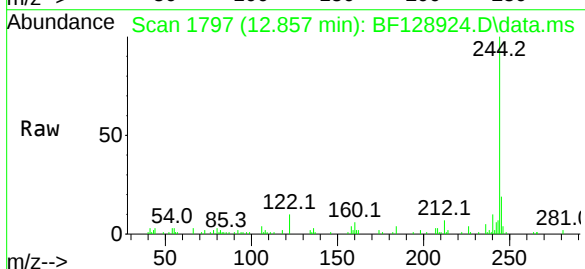
RT: 12.857 min Scan# 1797

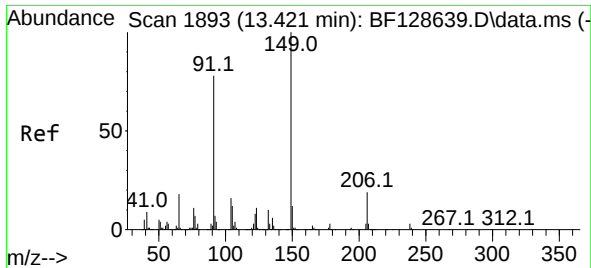
Delta R.T. -0.012 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

Tgt Ion:	244	Resp:	26222
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.1	9.1
122	9.8	8.8	13.2

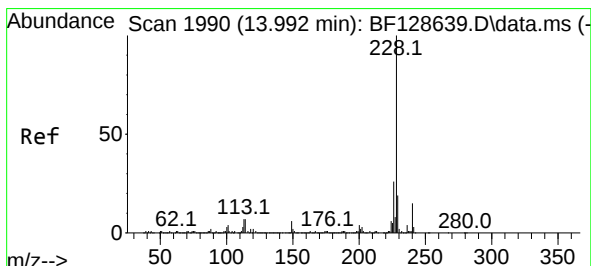
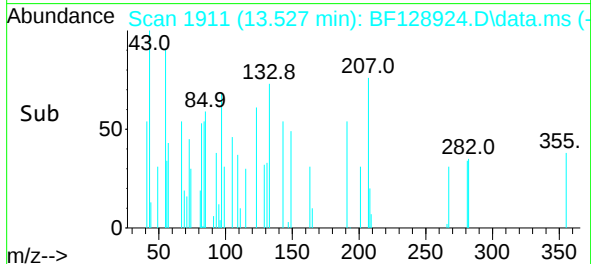
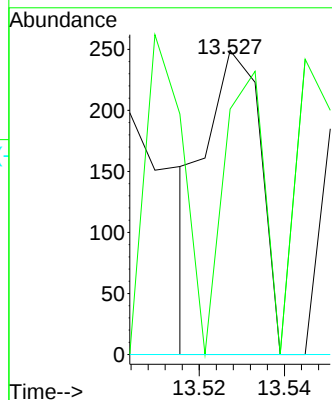
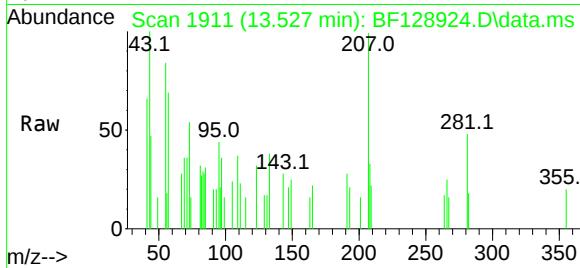




#80
Butylbenzylphthalate
Concen: 118.957 ng
RT: 13.527 min Scan# 1911
Delta R.T. 0.188 min
Lab File: BF128924.D
Acq: 22 Jun 2022 10:23

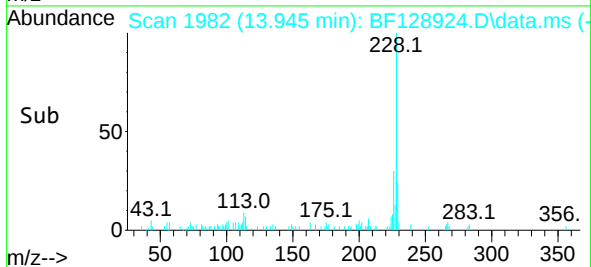
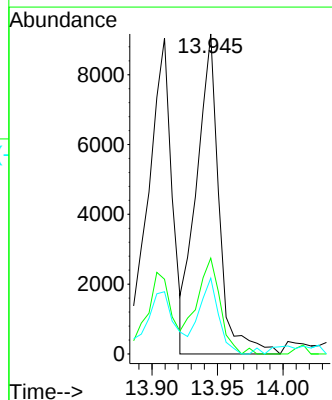
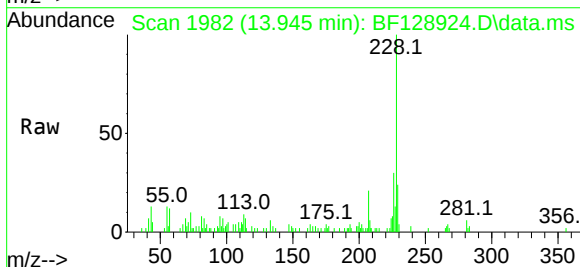
Instrument :
BNA_F
ClientSampleId :
DFTPP

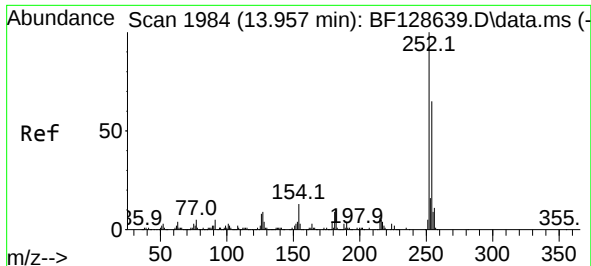
Tgt Ion:149 Resp: 223
Ion Ratio Lower Upper
149 100
91 80.7 61.2 91.8
206 0.0 15.7 23.5#



#81
Benzo(a)anthracene
Concen: 2948.121 ng
RT: 13.945 min Scan# 1982
Delta R.T. 0.029 min
Lab File: BF128924.D
Acq: 22 Jun 2022 10:23

Tgt Ion:228 Resp: 11026
Ion Ratio Lower Upper
228 100
226 30.0 22.1 33.1
229 23.7 15.8 23.8

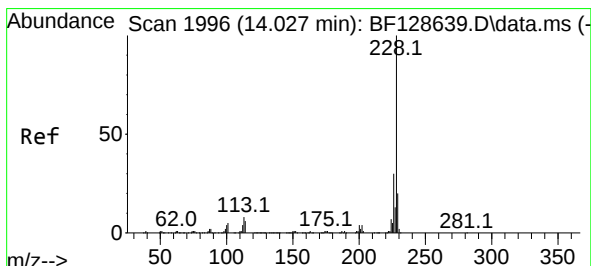
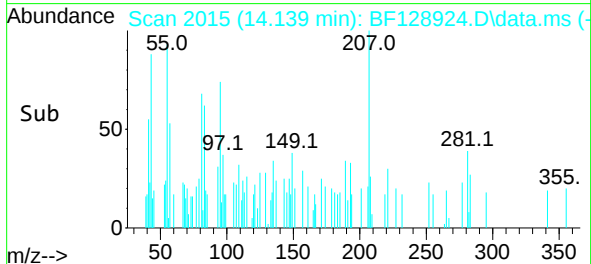
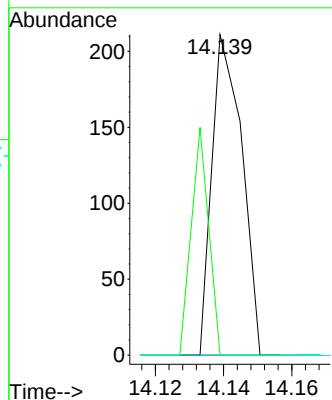
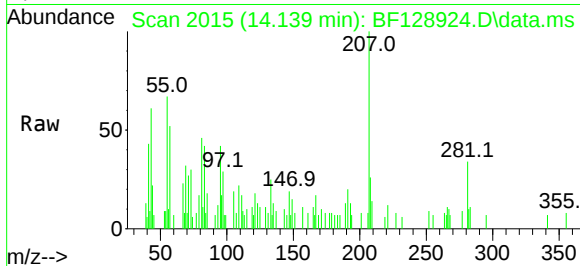




#82
 3,3'-Dichlorobenzidine
 Concen: 161.221 ng
 RT: 14.139 min Scan# 20
 Delta R.T. 0.265 min
 Lab File: BF128924.D
 Acq: 22 Jun 2022 10:23

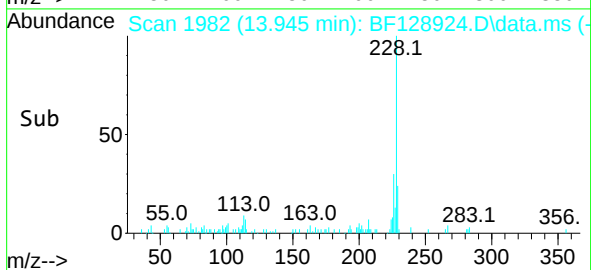
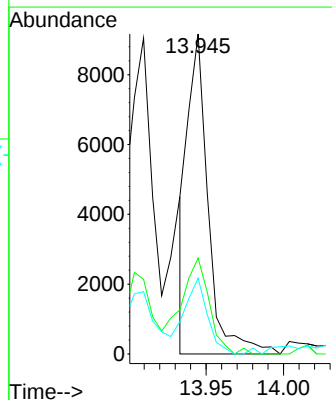
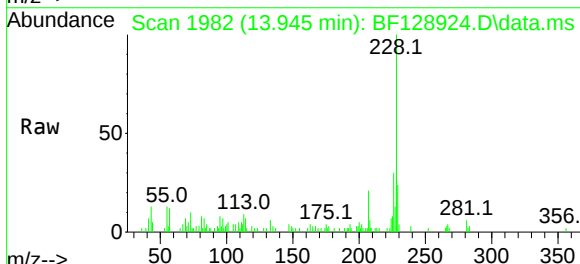
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

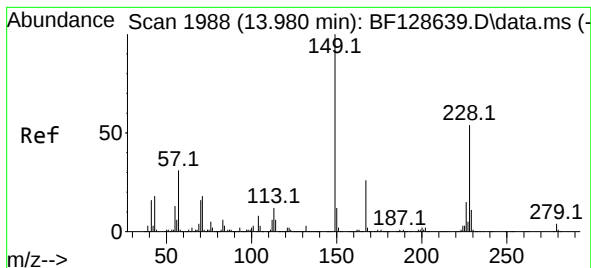
Tgt Ion:252 Resp: 129
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.2 75.4#
 126 0.0 8.2 12.4#



#83
 Chrysene
 Concen: 2372.930 ng
 RT: 13.945 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: BF128924.D
 Acq: 22 Jun 2022 10:23

Tgt Ion:228 Resp: 8461
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.3 36.5
 229 23.7 15.9 23.9

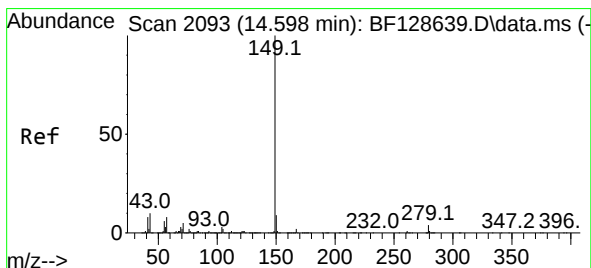
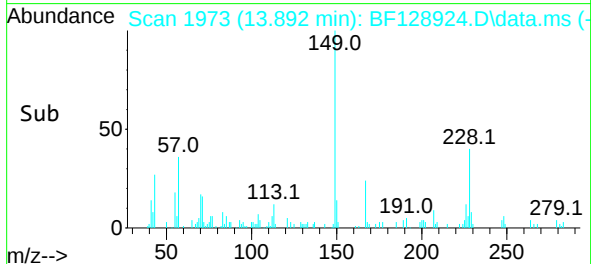
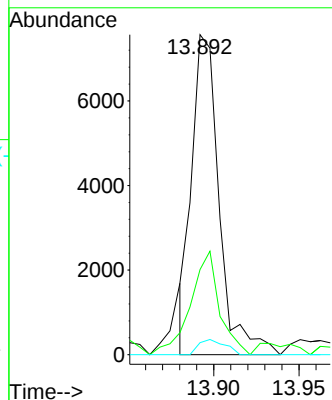
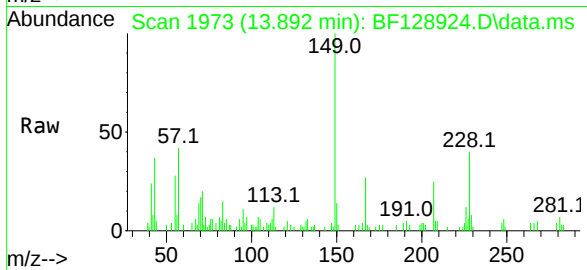




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3461.449 ng
 RT: 13.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128924.D
 Acq: 22 Jun 2022 10:23

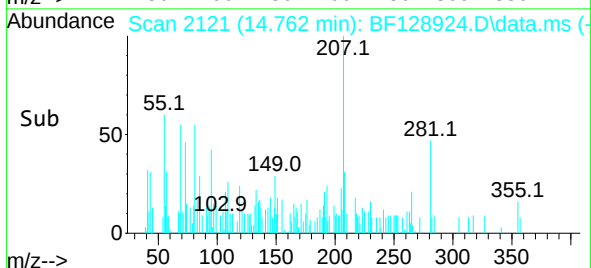
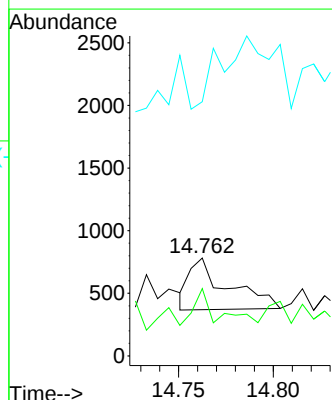
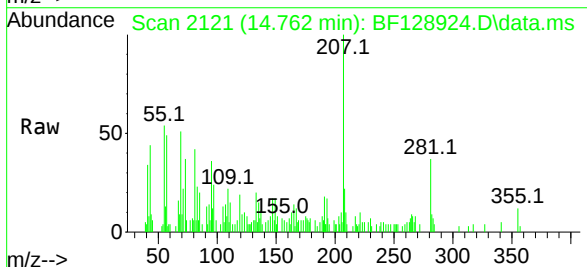
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

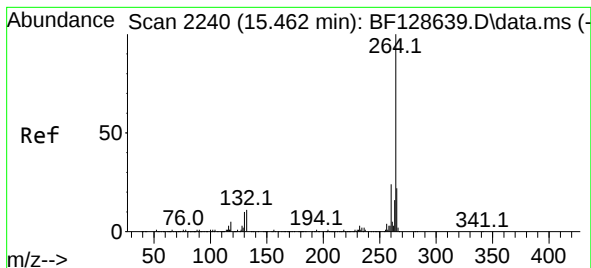
Tgt Ion:149 Resp: 8436
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 3.7 3.1 4.7



#85
 Di-n-octyl phthalate
 Concen: 159.101 ng
 RT: 14.762 min Scan# 2121
 Delta R.T. 0.253 min
 Lab File: BF128924.D
 Acq: 22 Jun 2022 10:23

Tgt Ion:149 Resp: 584
 Ion Ratio Lower Upper
 149 100
 167 55.7 1.3 1.9#
 43 59.1 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.668 min Scan# 21

Delta R.T. 0.306 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

Instrument :

BNA_F

ClientSampleId :

DFTPP

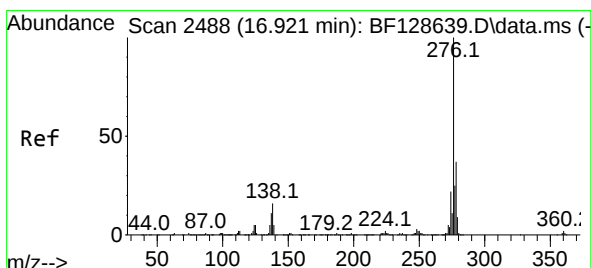
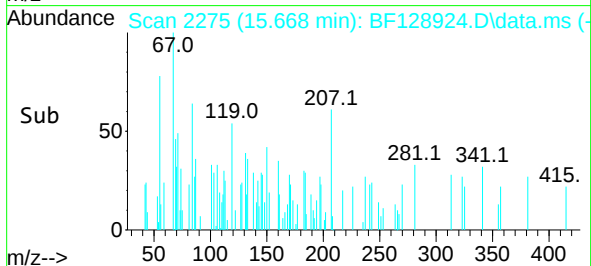
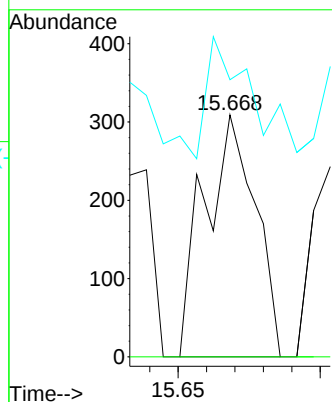
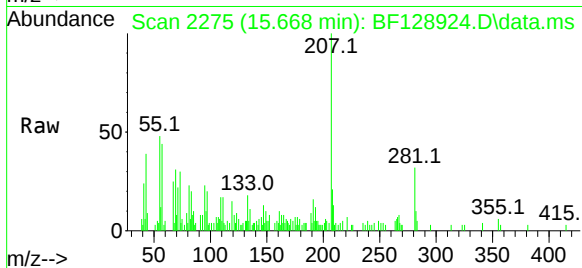
Tgt Ion:264 Resp: 386

Ion Ratio Lower Upper

264 100

260 0.0 18.4 27.6#

265 114.6 17.2 25.8#



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.224 ng

RT: 17.098 min Scan# 2518

Delta R.T. 0.306 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

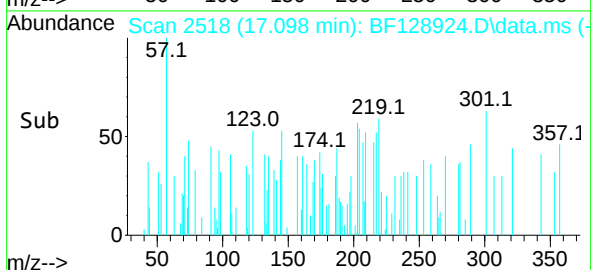
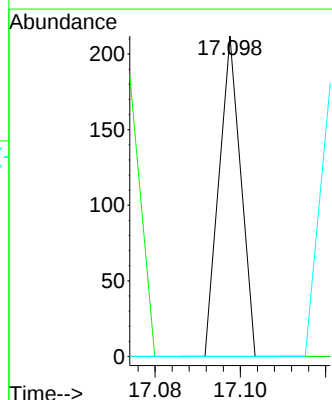
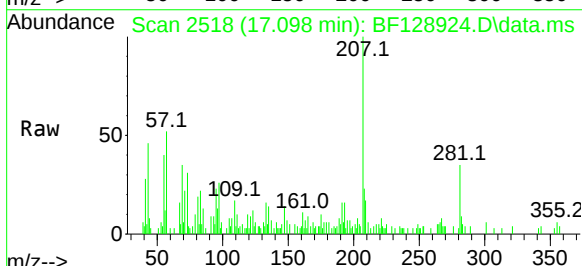
Tgt Ion:276 Resp: 75

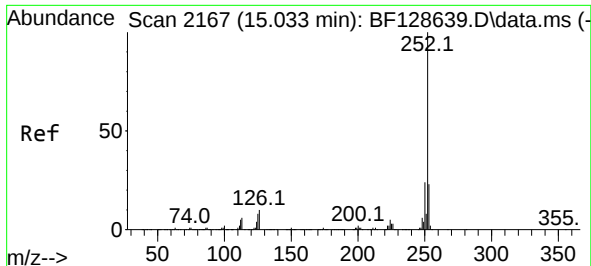
Ion Ratio Lower Upper

276 100

138 0.0 21.1 31.7#

277 0.0 20.3 30.5#





#88

Benzo(b)fluoranthene

Concen: 8.392 ng

RT: 15.245 min Scan# 2112

Delta R.T. 0.294 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

Instrument :

BNA_F

ClientSampleId :

DFTPP

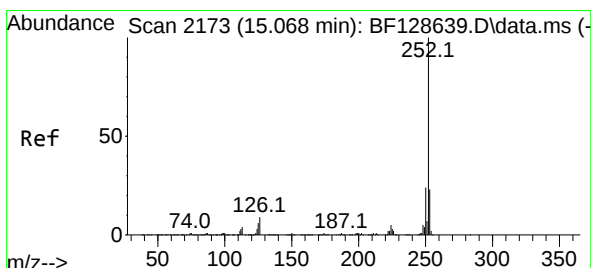
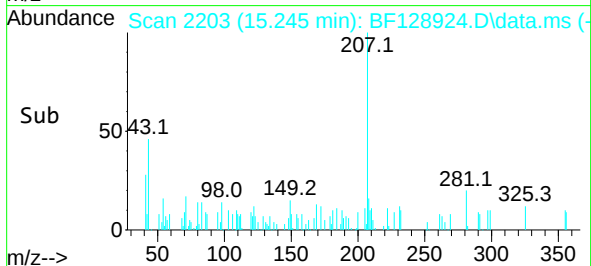
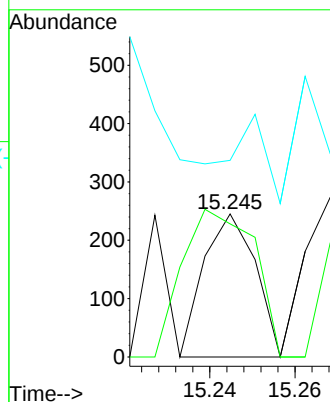
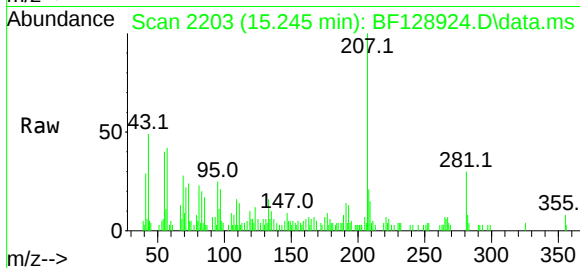
Tgt Ion:252 Resp: 207

Ion Ratio Lower Upper

252 100

253 93.1 17.7 26.5#

125 137.6 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 209.248 ng

RT: 15.298 min Scan# 2212

Delta R.T. 0.318 min

Lab File: BF128924.D

Acq: 22 Jun 2022 10:23

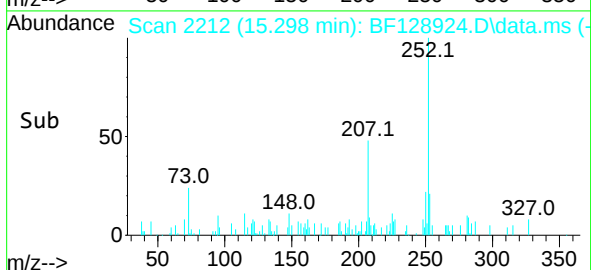
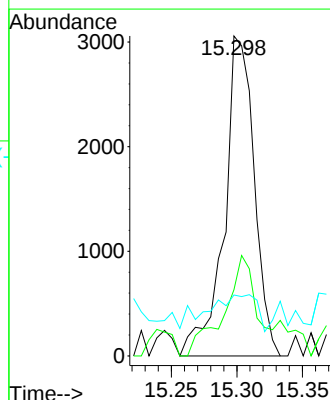
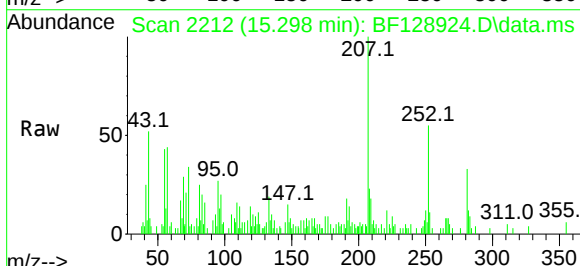
Tgt Ion:252 Resp: 4855

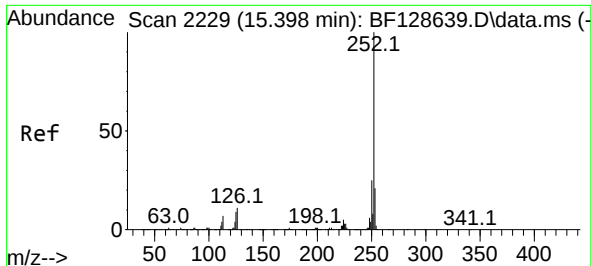
Ion Ratio Lower Upper

252 100

253 20.7 17.8 26.6

125 19.1 8.3 12.5#

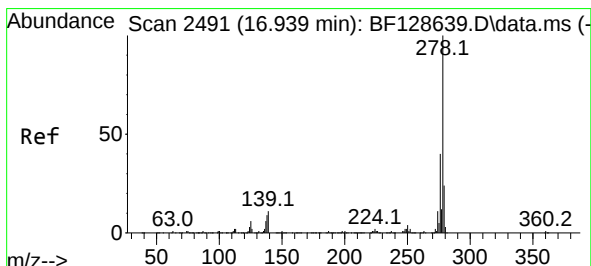
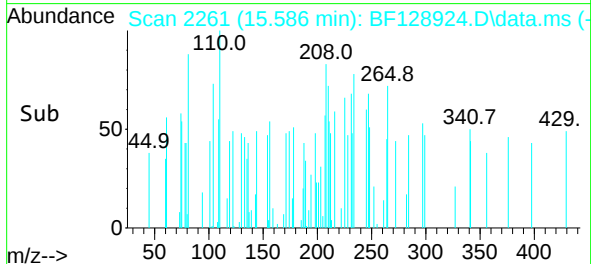
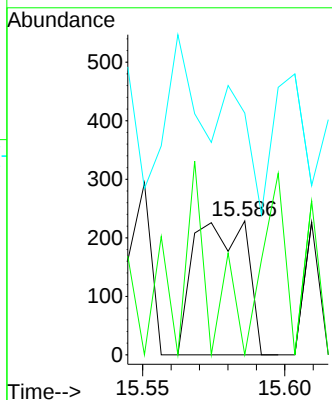
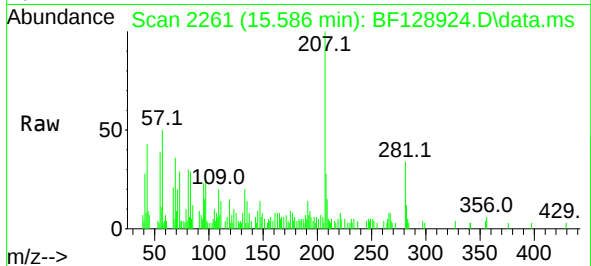




#90
Benzo(a)pyrene
Concen: 15.269 ng
RT: 15.586 min Scan# 21
Delta R.T. 0.282 min
Lab File: BF128924.D
Acq: 22 Jun 2022 10:23

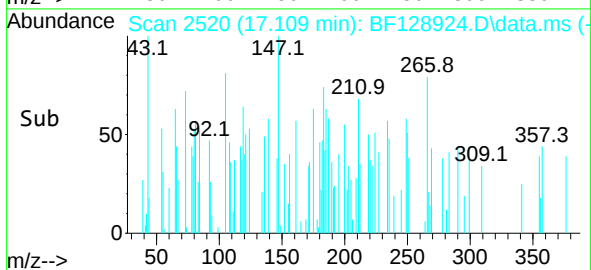
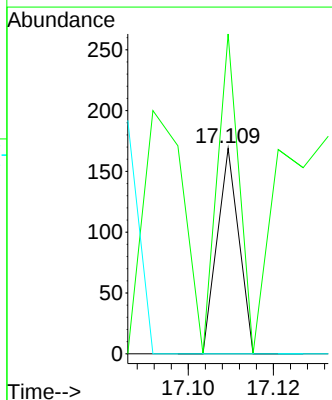
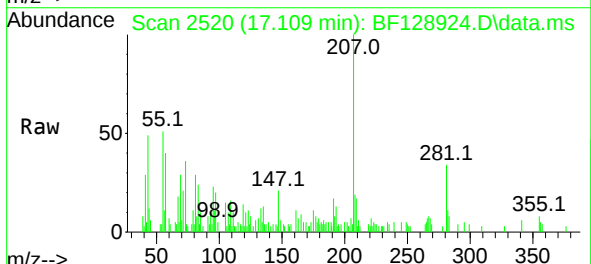
Instrument :
BNA_F
ClientSampleId :
DFTPP

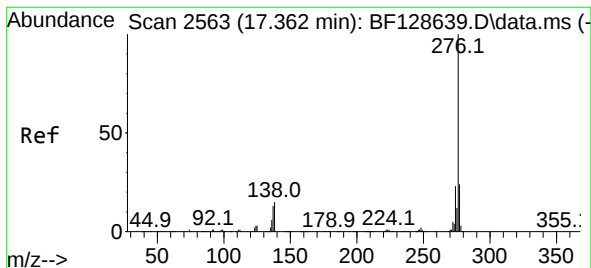
Tgt Ion:252 Resp: 296
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.6#
125 180.3 8.8 13.2#



#91
Dibenzo(a,h)anthracene
Concen: 3.109 ng
RT: 17.109 min Scan# 2520
Delta R.T. 0.306 min
Lab File: BF128924.D
Acq: 22 Jun 2022 10:23

Tgt Ion:278 Resp: 60
Ion Ratio Lower Upper
278 100
139 155.6 12.8 19.2#
279 0.0 18.6 28.0#





#92

Benzo(g,h,i)perylene

Concen: 3.555 ng

RT: 17.503 min Scan# 21

Delta R.T. 0.288 min

Lab File: BF128924.D

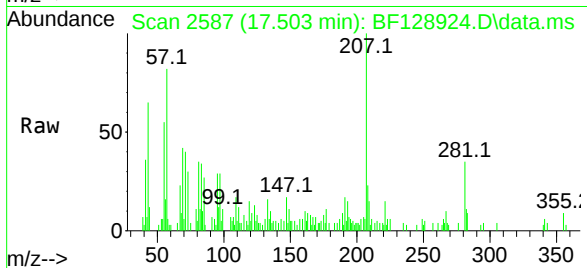
Acq: 22 Jun 2022 10:23

Instrument :

BNA_F

ClientSampleId :

DFTPP



Tgt Ion:276 Resp: 68

Ion Ratio Lower Upper

276 100

277 0.0 19.1 28.7#

138 0.0 18.0 27.0#

