

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
 Data File : BG060954.D
 Acq On : 19 Apr 2024 9:29
 Operator : MA/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Apr 19 12:54:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

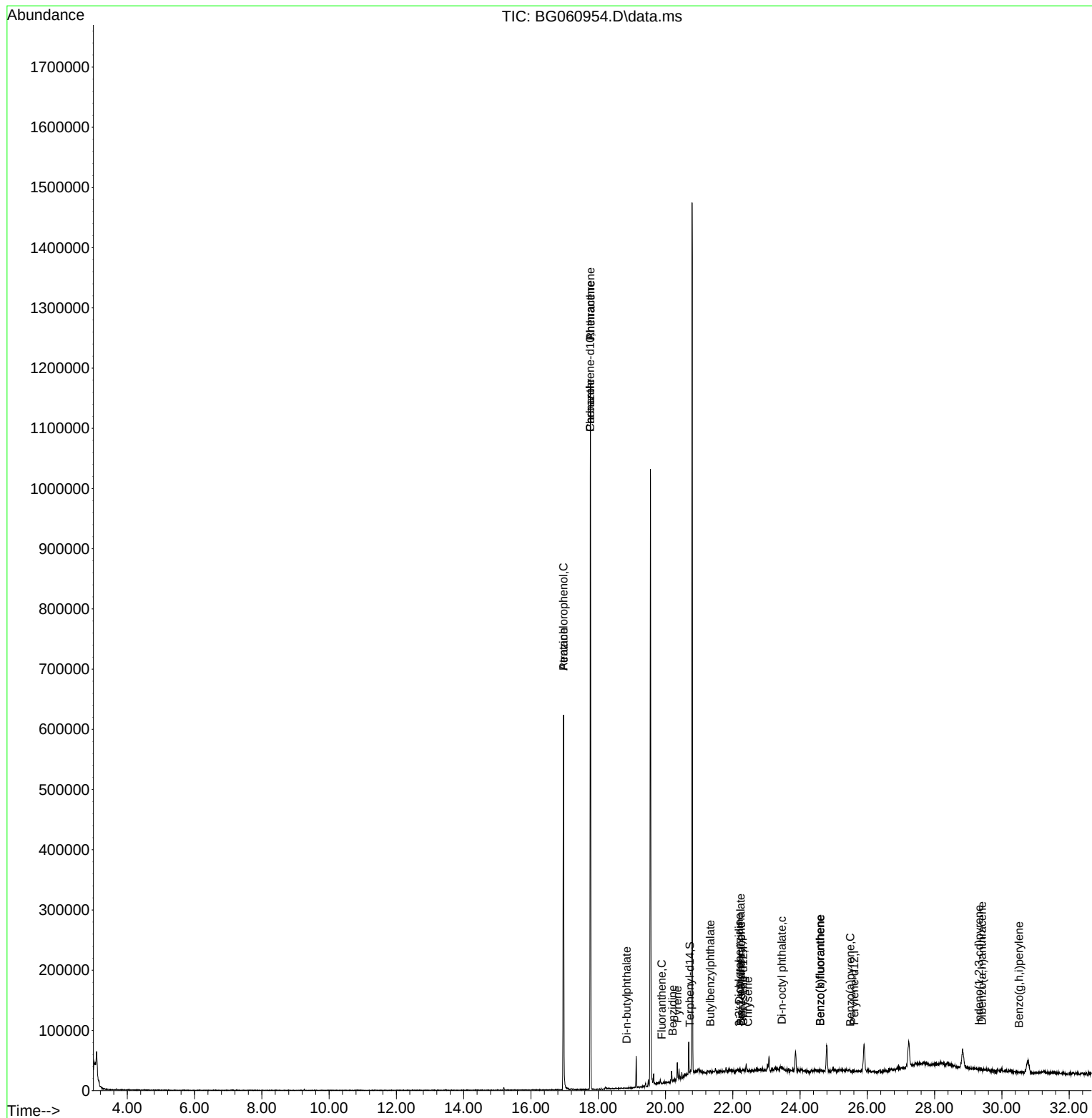
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-7.94
21) Naphthalene-d8	0.000	136	0	0.000	ng	-10.74
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.57
64) Phenanthrene-d10	17.764	188	904	20.000	ng	# 0.45
76) Chrysene-d12	22.312	240	123	20.000	ng	# 0.73
86) Perylene-d12	25.614	264	56	20.000	ng	# 0.92
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	20.725	244	55	7.804	ng	0.79
Target Compounds						Qvalue
69) Atrazine	16.965	200	23018	2580.878	ng	# 34
70) Pentachlorophenol	16.965	266	125624	16833.535	ng	96
71) Phenanthrene	17.770	178	634	13.856	ng	# 1
72) Anthracene	17.770	178	634	13.489	ng	# 1
73) Carbazole	17.764	167	7025	171.548	ng	# 83
74) Di-n-butylphthalate	18.845	149	55	1.116	ng	# 78
75) Fluoranthene	19.891	202	121	2.078	ng	66
77) Benzidine	20.214	184	322	118.686	ng	# 19
78) Pyrene	20.355	202	269	31.881	ng	# 1
80) Butylbenzylphthalate	21.336	149	496	160.046	ng	# 81
81) Benzo(a)anthracene	22.247	228	61	7.023	ng	# 51
82) 3,3'-Dichlorobenzidine	22.194	252	75	24.248	ng	# 25
83) Chrysene	22.453	228	174	20.982	ng	# 1
84) Bis(2-ethylhexyl)phtha...	22.229	149	434	94.705	ng	# 52
85) Di-n-octyl phthalate	23.463	149	634	80.180	ng	# 1
87) Indeno(1,2,3-cd)pyrene	29.321	276	130	33.570	ng	# 53
88) Benzo(b)fluoranthene	24.597	252	57	17.990	ng	# 1
89) Benzo(k)fluoranthene	24.597	252	57	17.585	ng	# 1
90) Benzo(a)pyrene	25.496	252	79	25.289	ng	# 2
91) Dibenzo(a,h)anthracene	29.415	278	54	16.941	ng	# 57
92) Benzo(g,h,i)perylene	30.514	276	60	19.253	ng	# 57

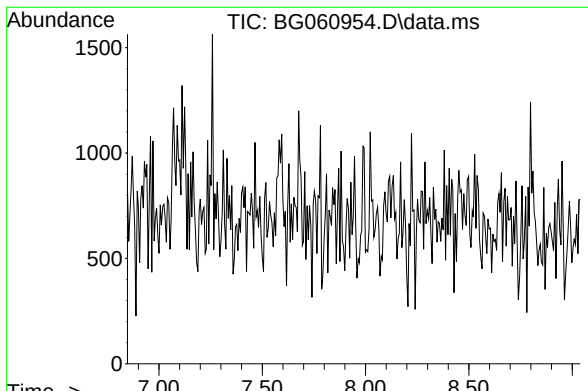
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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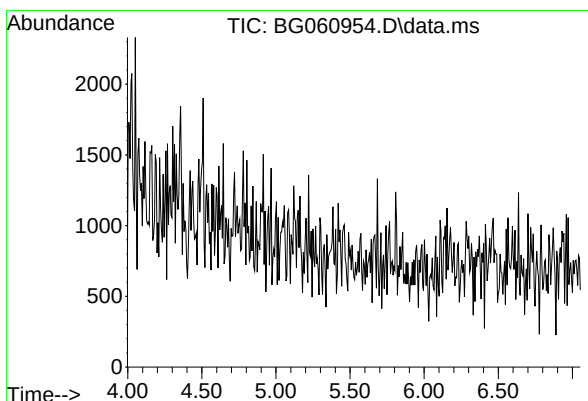
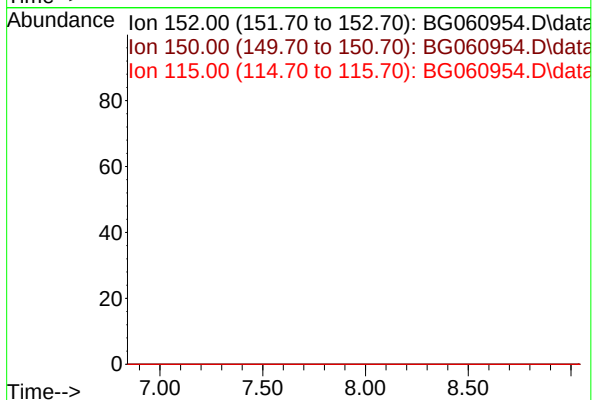


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 7.94 min
 Lab File: BG060954.D
 Acq: 19 Apr 2024 9:29

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 152

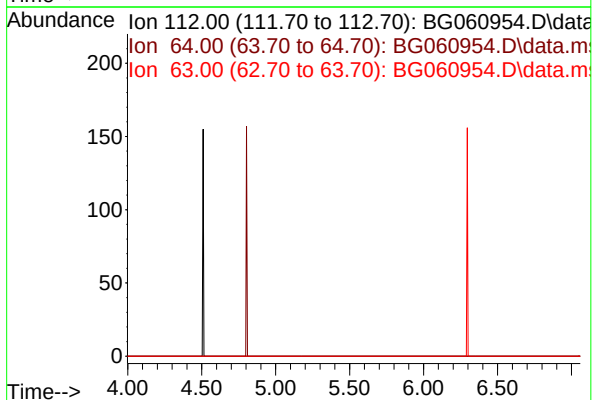
Sig	Exp Ratio
152	100
150	157.0
115	58.9

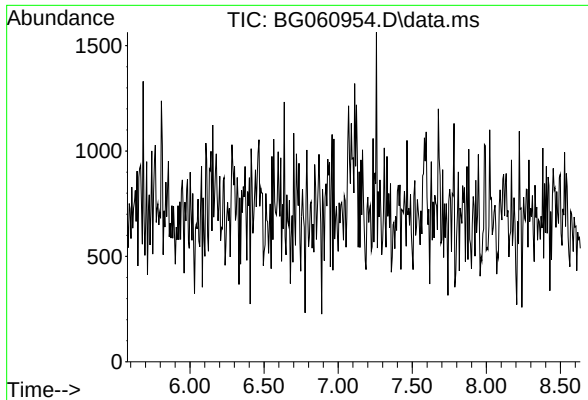


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.53 min
 Lab File: BG060954.D
 Acq: 19 Apr 2024 9:29

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	73.6
63	40.1



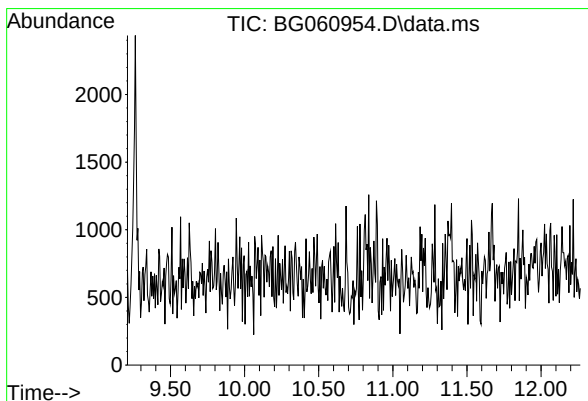
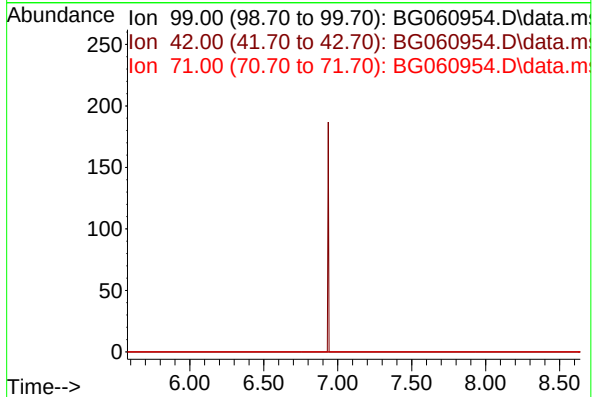


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.11 min
 Lab File: BG060954.D
 Acq: 19 Apr 2024 9:29

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 99

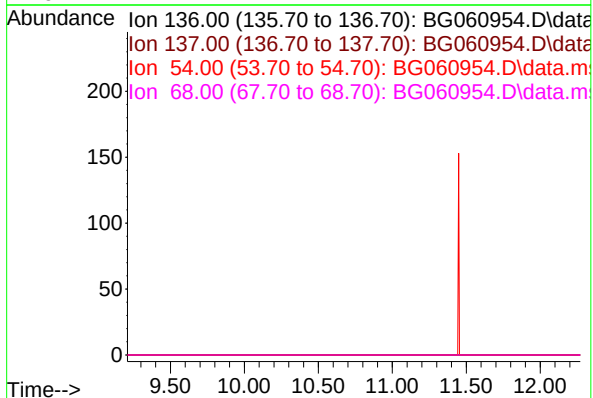
Sig	Exp Ratio
99	100
42	27.7
71	38.1

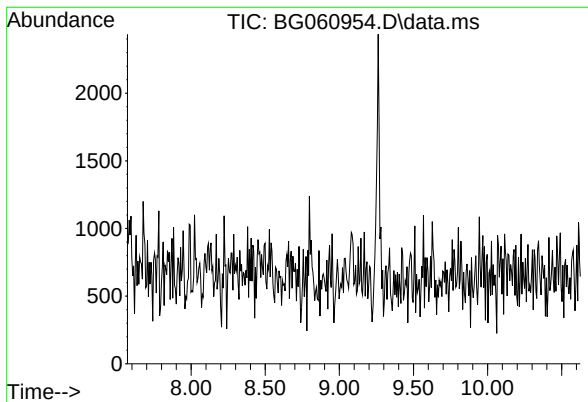


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 10.74 min
 Lab File: BG060954.D
 Acq: 19 Apr 2024 9:29

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.0
54	12.3
68	6.2

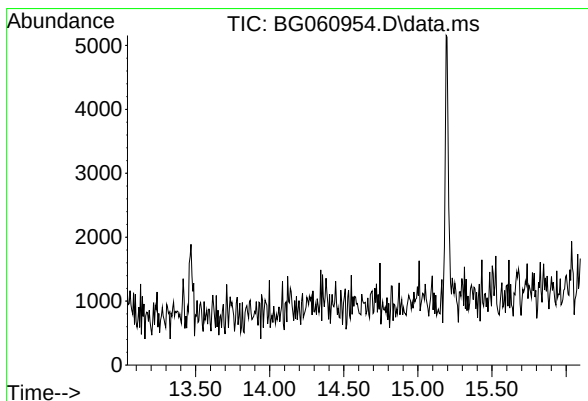
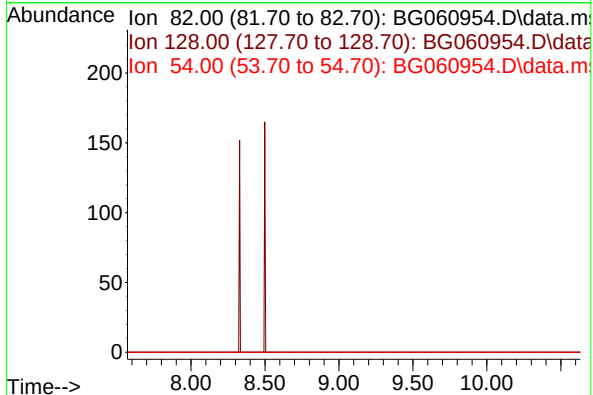




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.10 min
 Lab File: BG060954.D
 Acq: 19 Apr 2024 9:29

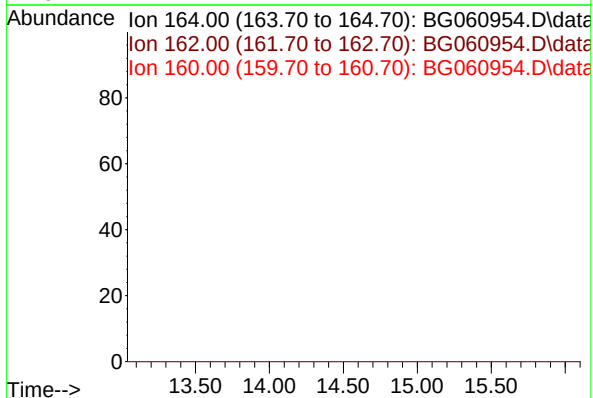
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

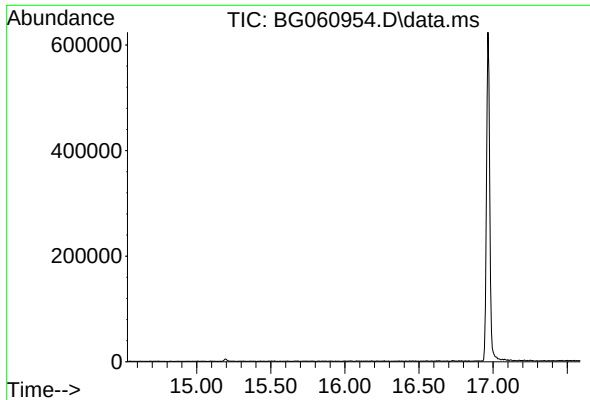
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 39.2
 54 67.8



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.57 min
 Lab File: BG060954.D
 Acq: 19 Apr 2024 9:29

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 105.1
 160 44.9



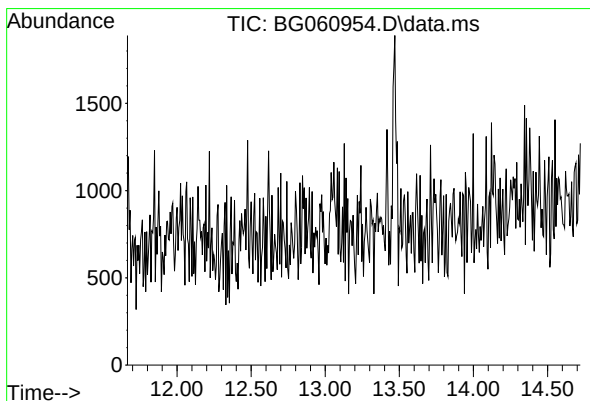
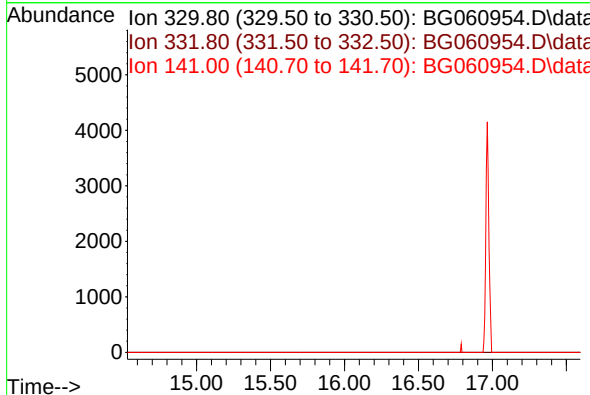


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.06 min
 Lab File: BG060954.D
 Acq: 19 Apr 2024 9:29

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 330

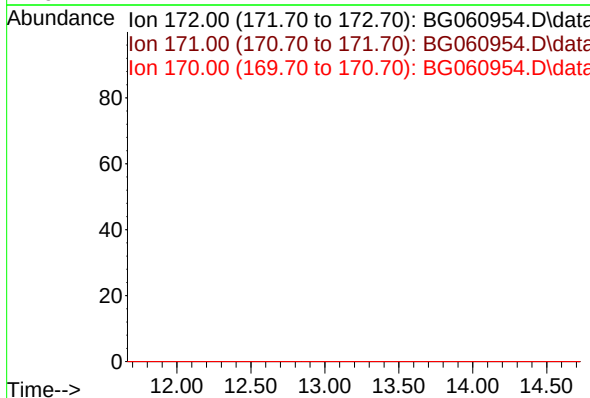
Sig	Exp Ratio
330	100
332	96.1
141	29.6

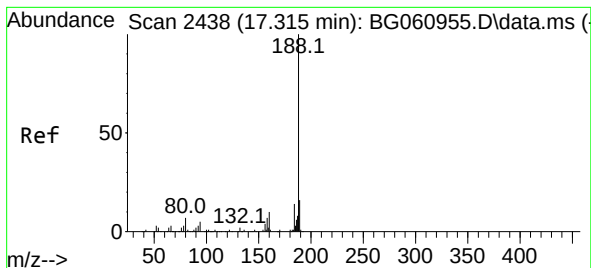


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.19 min
 Lab File: BG060954.D
 Acq: 19 Apr 2024 9:29

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.6
170	24.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.764 min Scan# 21

Delta R.T. 0.445 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

Instrument :

BNA_G

ClientSampleId :

DFTPP

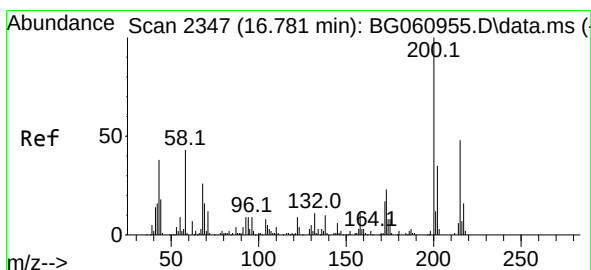
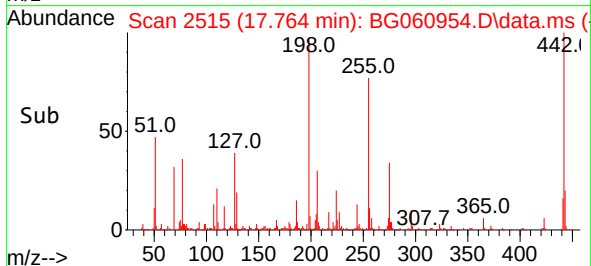
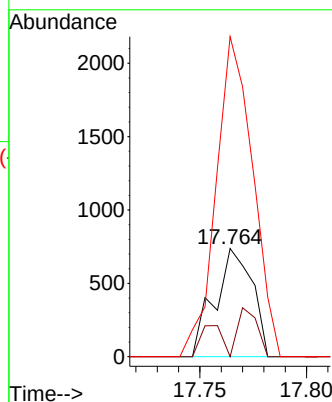
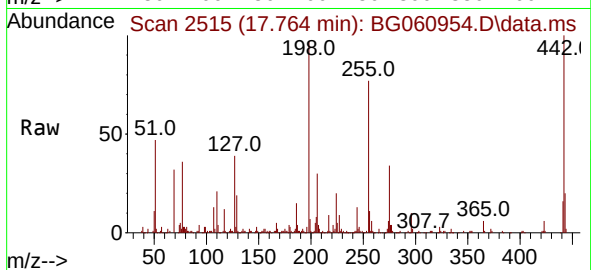
Tgt Ion:188 Resp: 904

Ion Ratio Lower Upper

188 100

94 0.0 5.7 8.5#

80 295.9 6.6 9.8#



#69

Atrazine

Concen: 2580.878 ng

RT: 16.965 min Scan# 2379

Delta R.T. 0.187 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

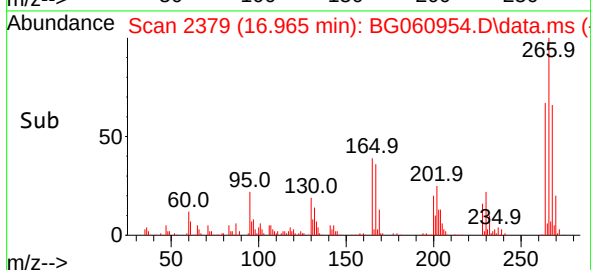
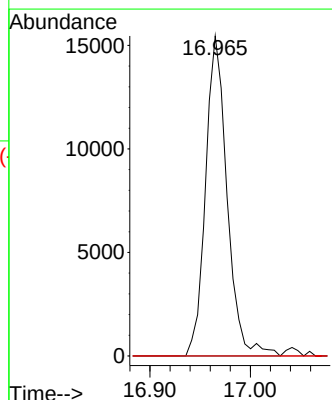
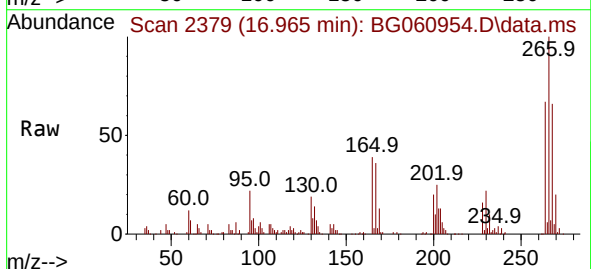
Tgt Ion:200 Resp: 23018

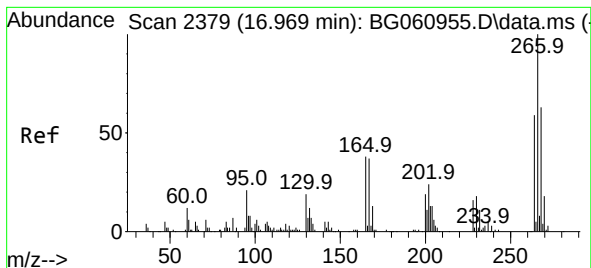
Ion Ratio Lower Upper

200 100

173 0.0 6.5 46.5#

215 0.0 30.4 70.4#





#70

Pentachlorophenol

Concen: 16833.535 ng

RT: 16.965 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

Instrument :

BNA_G

ClientSampleId :

DFTPP

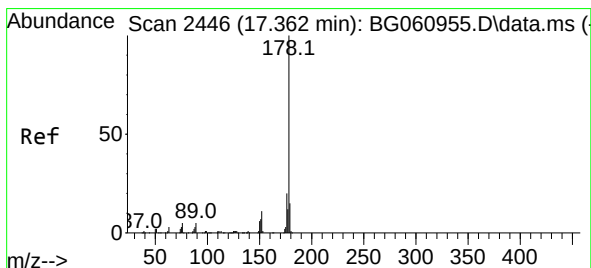
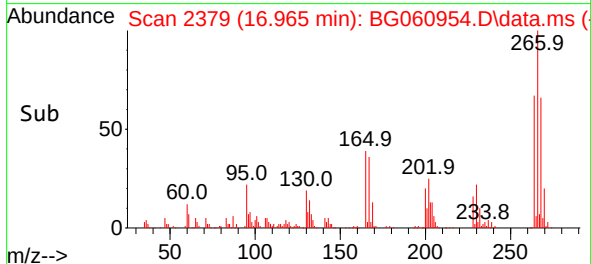
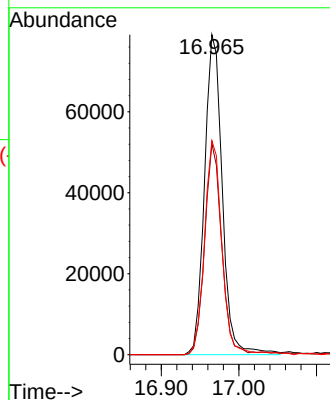
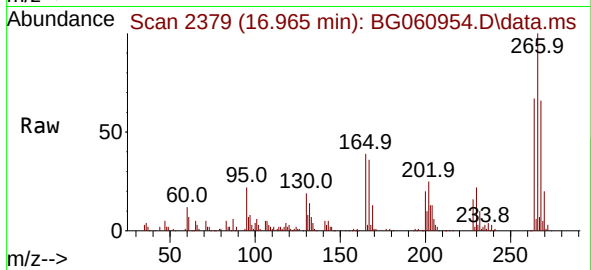
Tgt Ion:266 Resp: 125624

Ion Ratio Lower Upper

266 100

268 65.9 50.2 75.2

264 66.9 51.2 76.8



#71

Phenanthrene

Concen: 13.856 ng

RT: 17.770 min Scan# 2516

Delta R.T. 0.410 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

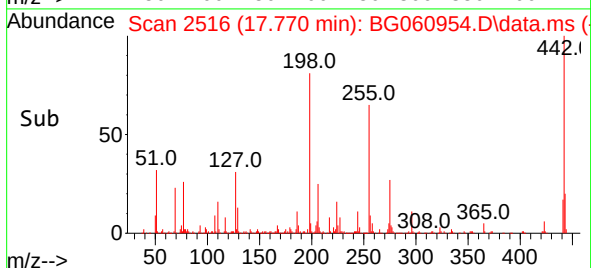
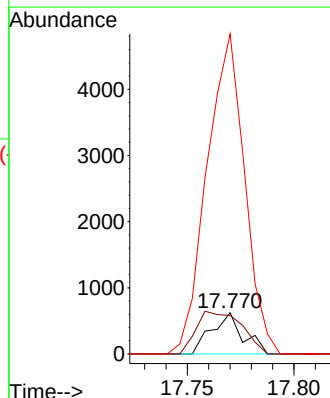
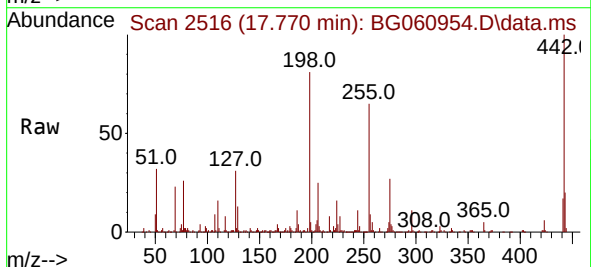
Tgt Ion:178 Resp: 634

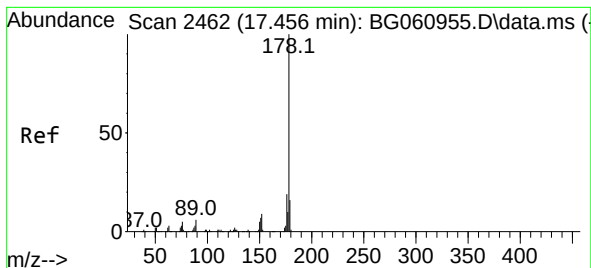
Ion Ratio Lower Upper

178 100

176 93.6 15.4 23.2#

179 776.4 12.0 18.0#





#72

Anthracene

Concen: 13.489 ng

RT: 17.770 min Scan# 2516

Delta R.T. 0.316 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

Instrument :

BNA_G

ClientSampleId :

DFTPP

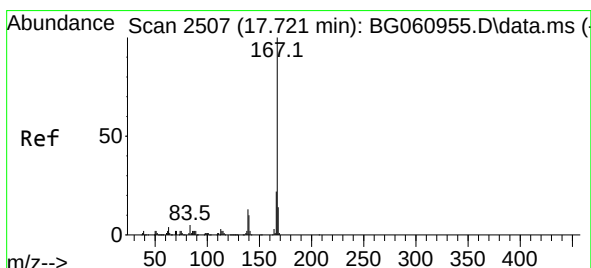
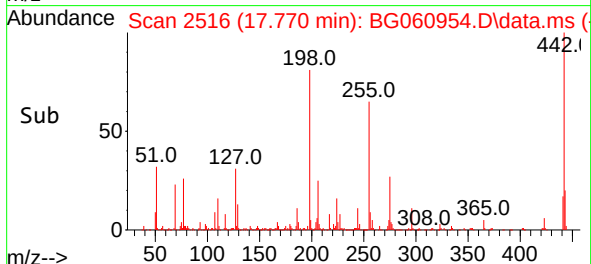
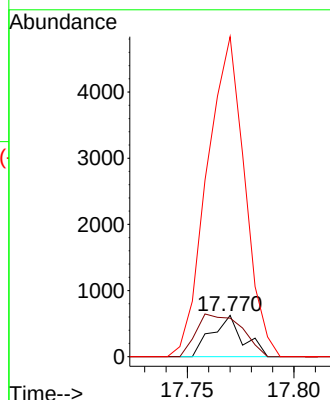
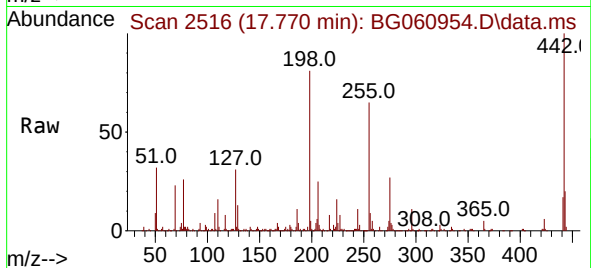
Tgt Ion:178 Resp: 634

Ion Ratio Lower Upper

178 100

176 93.6 15.0 22.4#

179 776.4 11.6 17.4#



#73

Carbazole

Concen: 171.548 ng

RT: 17.764 min Scan# 2515

Delta R.T. 0.046 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

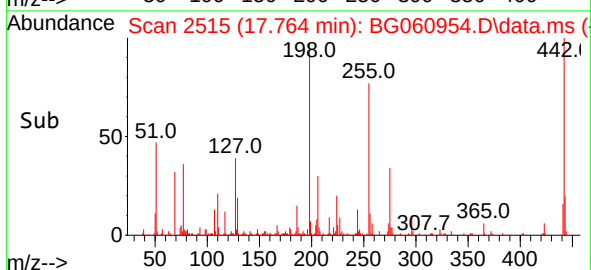
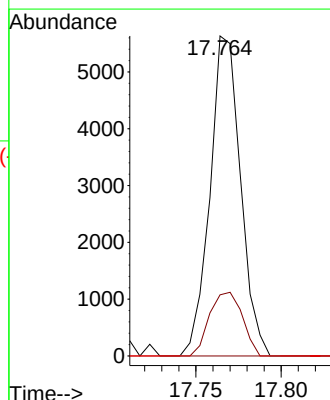
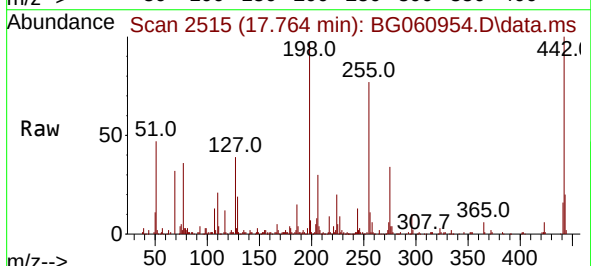
Tgt Ion:167 Resp: 7025

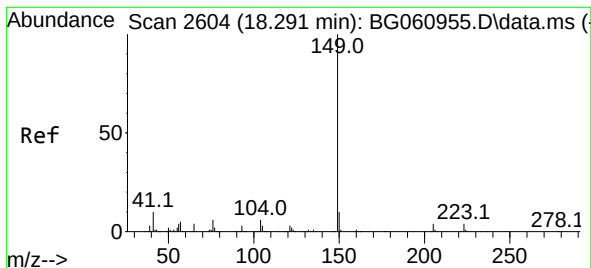
Ion Ratio Lower Upper

167 100

166 19.1 18.4 27.6

139 0.0 10.1 15.1#





#74

Di-n-butylphthalate

Concen: 1.116 ng

RT: 18.845 min Scan# 20

Delta R.T. 0.551 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

Instrument :

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ClientSampleId :

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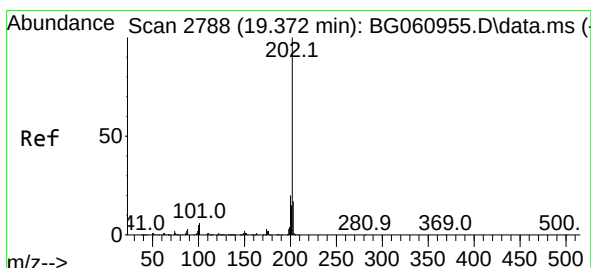
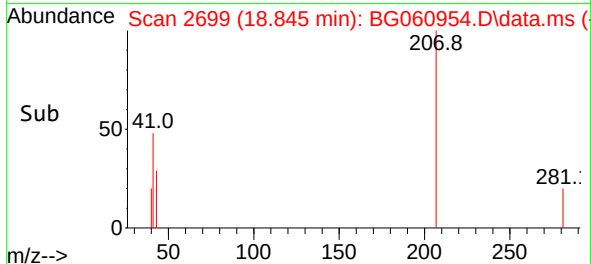
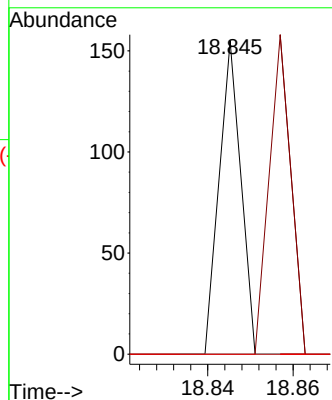
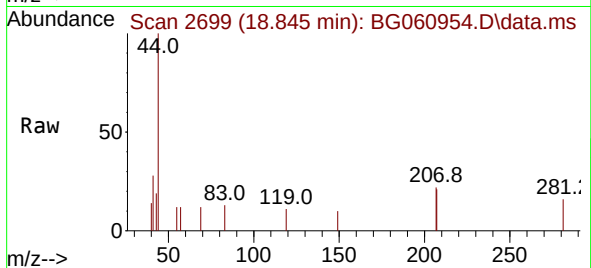
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 4.6 6.8#



#75

Fluoranthene

Concen: 2.078 ng

RT: 19.891 min Scan# 2877

Delta R.T. 0.522 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

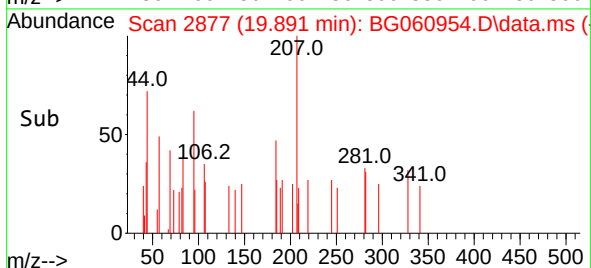
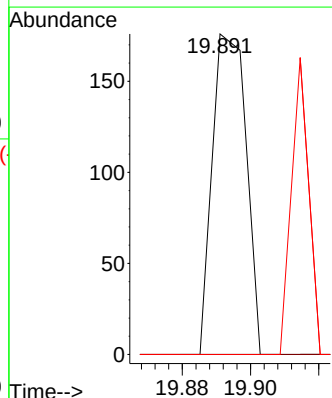
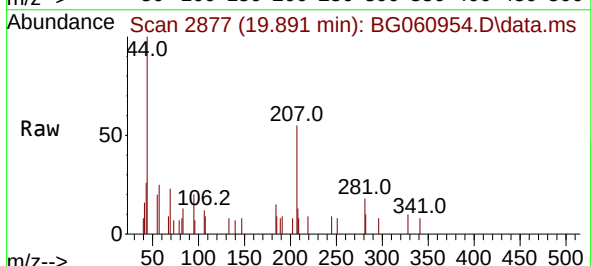
Tgt Ion:202 Resp: 121

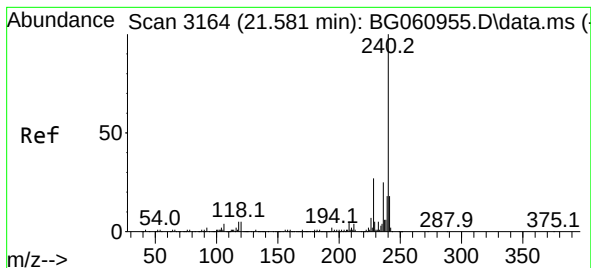
Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.6

203 0.0 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.312 min Scan# 31

Delta R.T. 0.733 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

Instrument :

BNA_G

ClientSampleId :

DFTPP

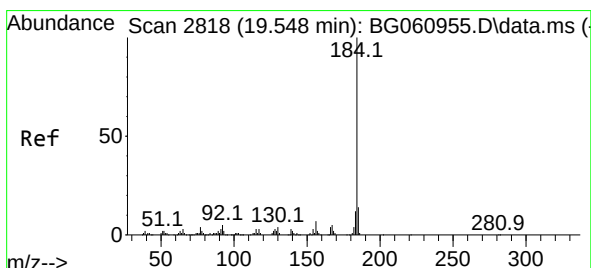
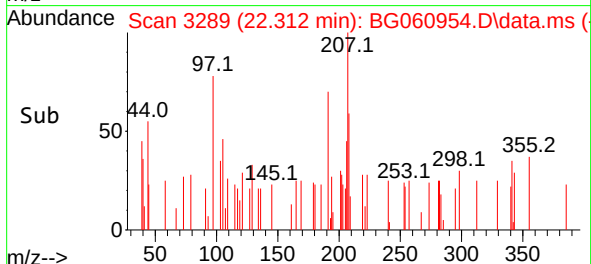
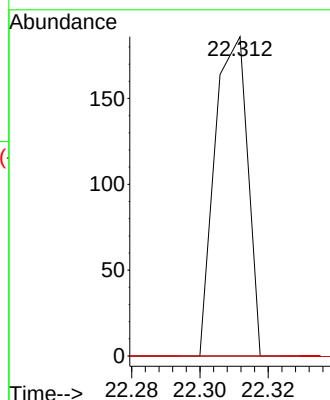
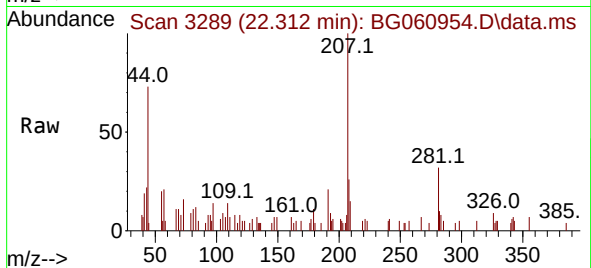
Tgt Ion:240 Resp: 123

Ion Ratio Lower Upper

240 100

120 0.0 5.7 8.5#

236 0.0 21.1 31.7#



#77

Benzidine

Concen: 118.686 ng

RT: 20.214 min Scan# 2932

Delta R.T. 0.663 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

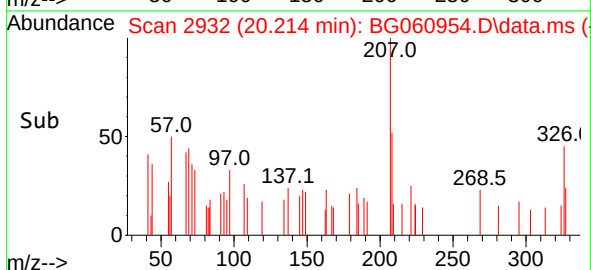
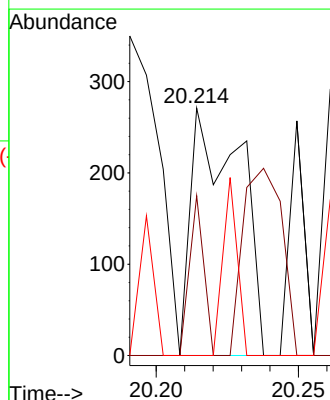
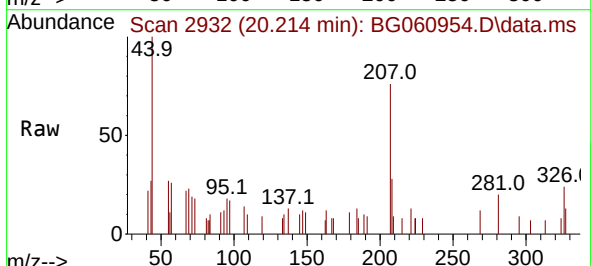
Tgt Ion:184 Resp: 322

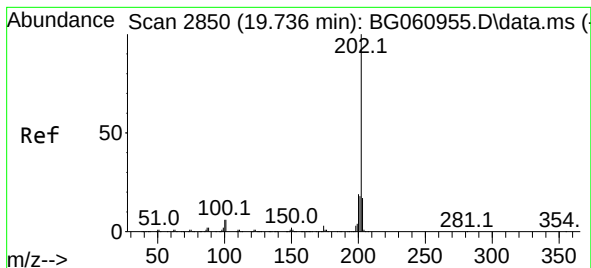
Ion Ratio Lower Upper

184 100

185 64.6 11.4 17.0#

183 0.0 9.4 14.2#





#78

Pyrene

Concen: 31.881 ng

RT: 20.355 min Scan# 2956

Delta R.T. 0.622 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

Instrument :

BNA_G

ClientSampleId :

DFTTP

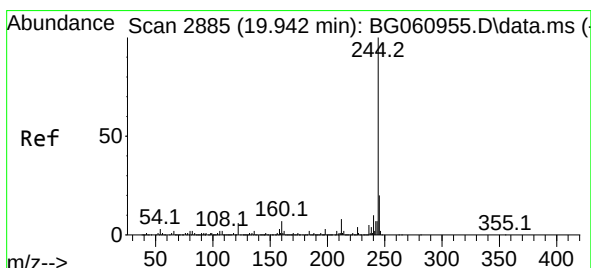
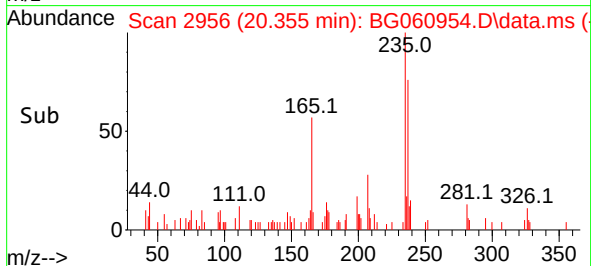
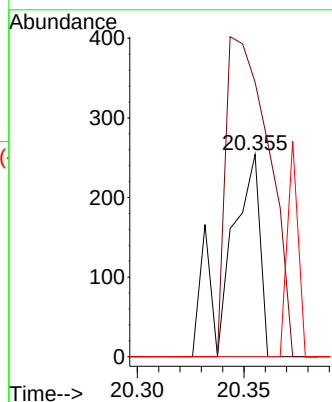
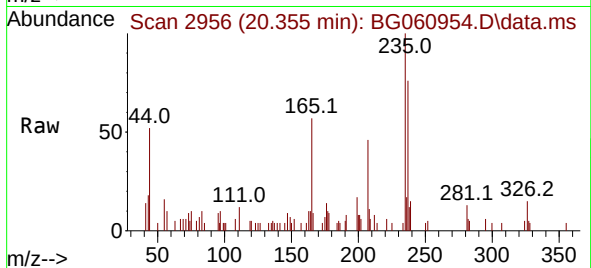
Tgt Ion:202 Resp: 269

Ion Ratio Lower Upper

202 100

200 135.8 16.7 25.1#

203 0.0 13.8 20.8#



#79

Terphenyl-d14

Concen: 7.804 ng

RT: 20.725 min Scan# 3019

Delta R.T. 0.786 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

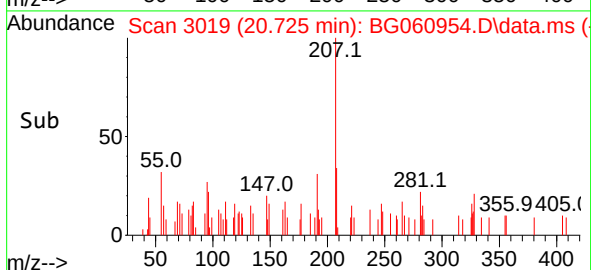
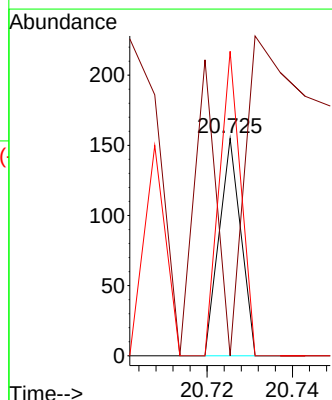
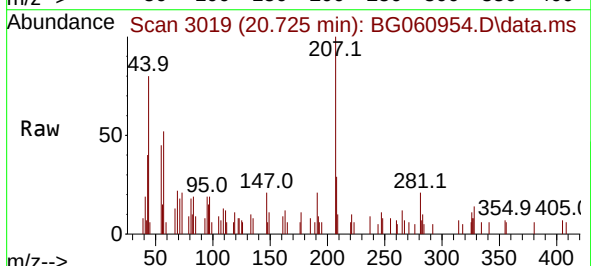
Tgt Ion:244 Resp: 55

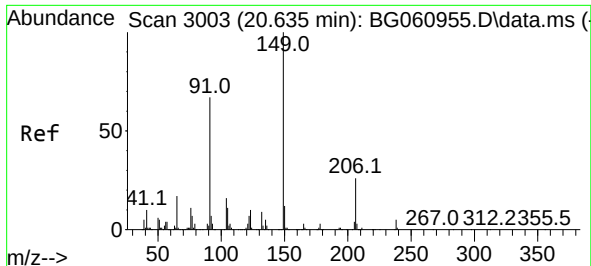
Ion Ratio Lower Upper

244 100

212 0.0 6.2 9.4#

122 140.0 6.6 9.8#

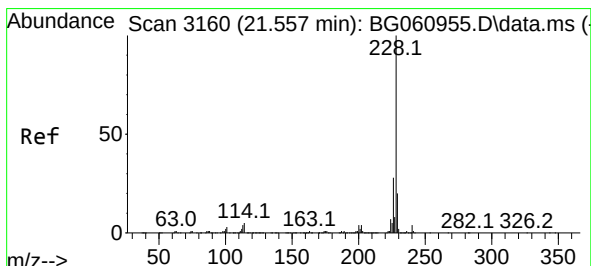
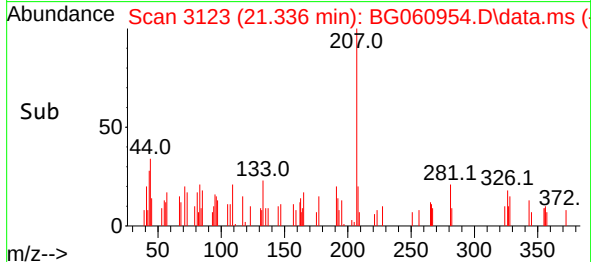
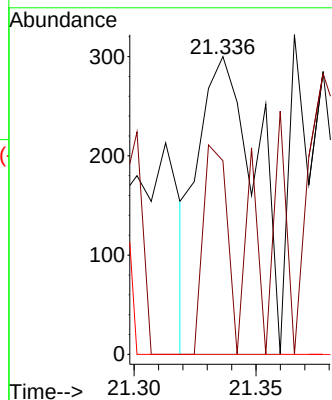
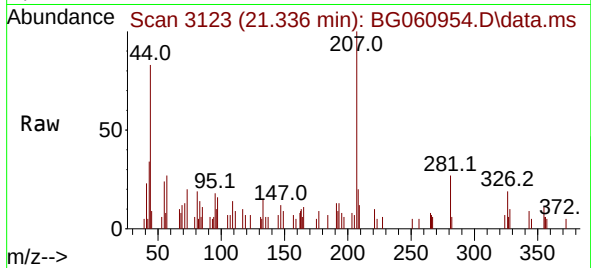




#80
Butylbenzylphthalate
Concen: 160.046 ng
RT: 21.336 min Scan# 31
Delta R.T. 0.704 min
Lab File: BG060954.D
Acq: 19 Apr 2024 9:29

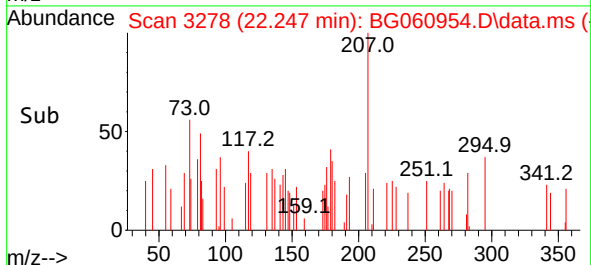
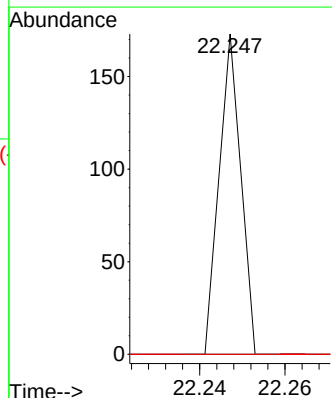
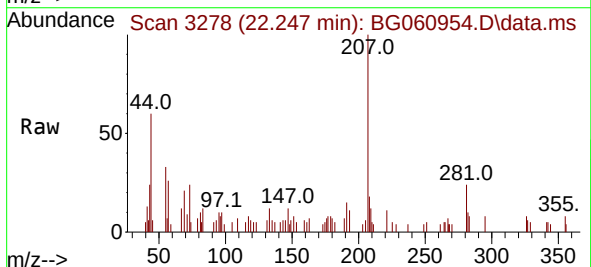
Instrument :
BNA_G
ClientSampleId :
DFTPP

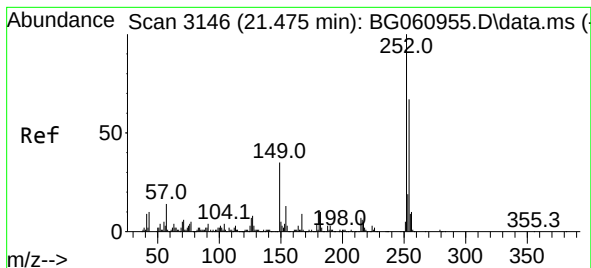
Tgt Ion:149 Resp: 496
Ion Ratio Lower Upper
149 100
91 65.0 58.7 88.1
206 0.0 18.0 27.0#



#81
Benzo(a)anthracene
Concen: 7.023 ng
RT: 22.247 min Scan# 3278
Delta R.T. 0.686 min
Lab File: BG060954.D
Acq: 19 Apr 2024 9:29

Tgt Ion:228 Resp: 61
Ion Ratio Lower Upper
228 100
226 0.0 22.0 33.0#
229 0.0 15.6 23.4#





#82

3,3'-Dichlorobenzidine

Concen: 24.248 ng

RT: 22.194 min Scan# 3146

Delta R.T. 0.721 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

Instrument :

BNA_G

ClientSampleId :

DFTPP

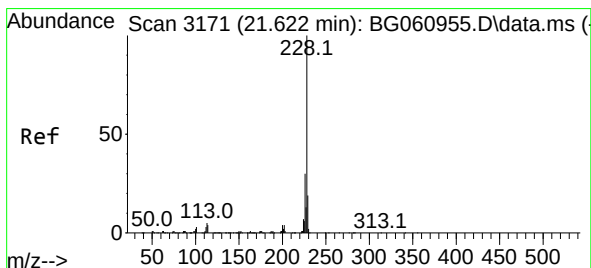
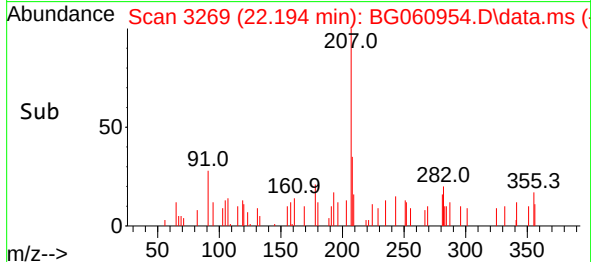
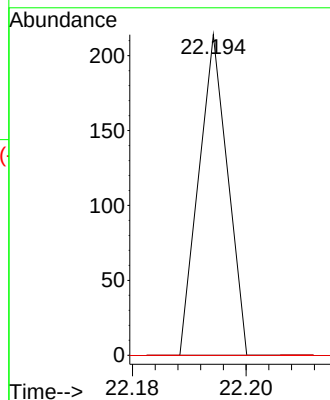
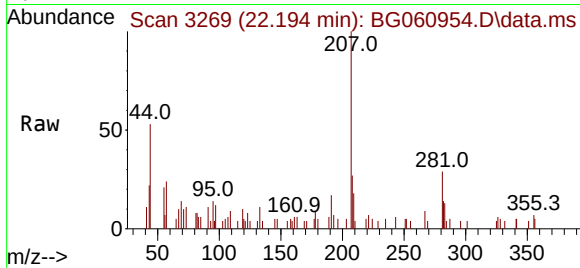
Tgt Ion:252 Resp: 75

Ion Ratio Lower Upper

252 100

254 0.0 51.5 77.3#

126 0.0 6.5 9.7#



#83

Chrysene

Concen: 20.982 ng

RT: 22.453 min Scan# 3313

Delta R.T. 0.827 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

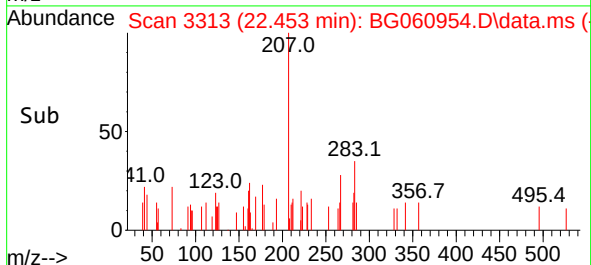
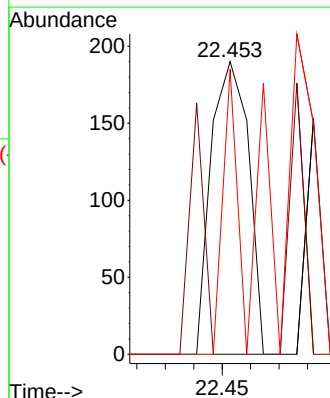
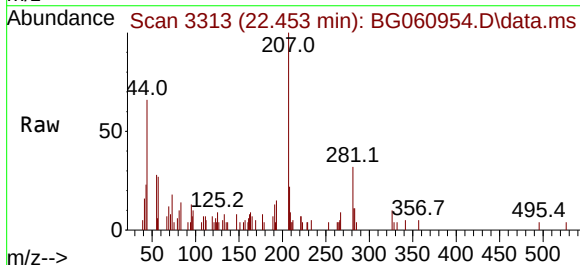
Tgt Ion:228 Resp: 174

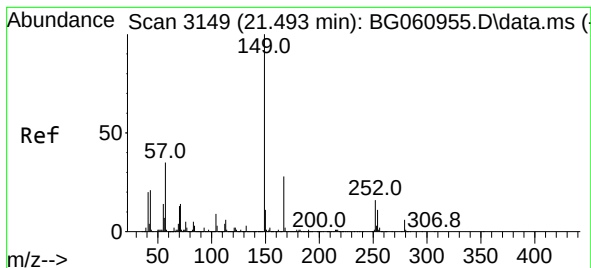
Ion Ratio Lower Upper

228 100

226 0.0 24.4 36.6#

229 97.4 15.6 23.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 94.705 ng

RT: 22.229 min Scan# 31

Delta R.T. 0.739 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

Instrument :

BNA_G

ClientSampleId :

DFTPP

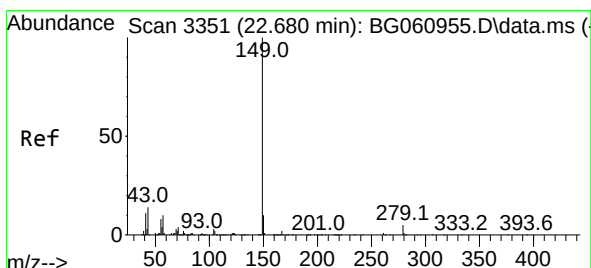
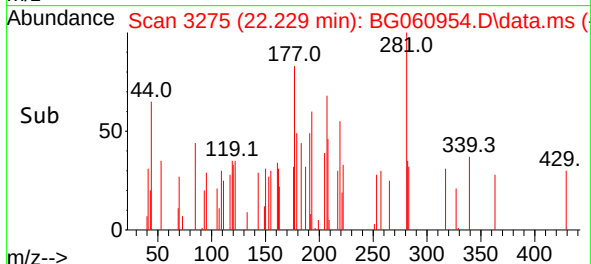
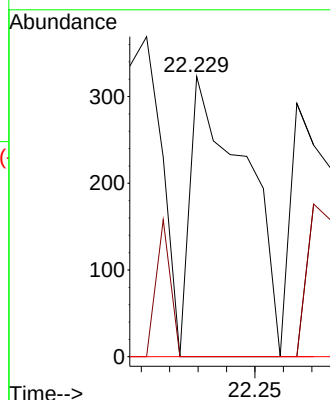
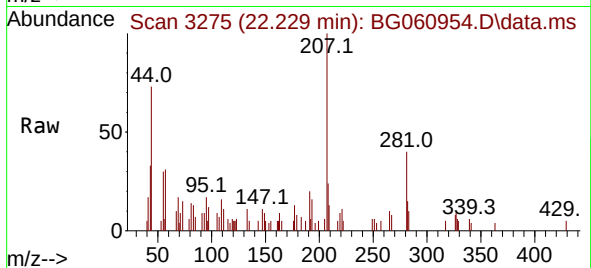
Tgt Ion:149 Resp: 434

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

279 0.0 3.2 4.8#



#85

Di-n-octyl phthalate

Concen: 80.180 ng

RT: 23.463 min Scan# 3485

Delta R.T. 0.786 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

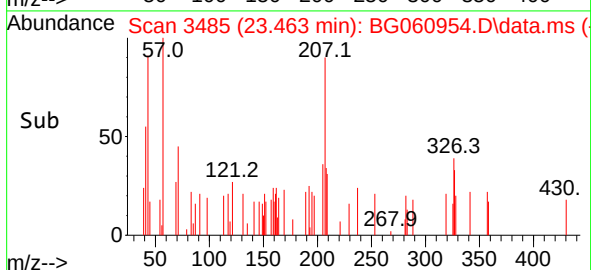
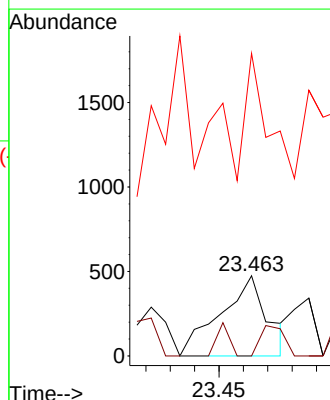
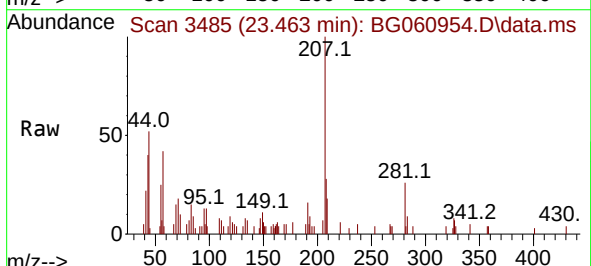
Tgt Ion:149 Resp: 634

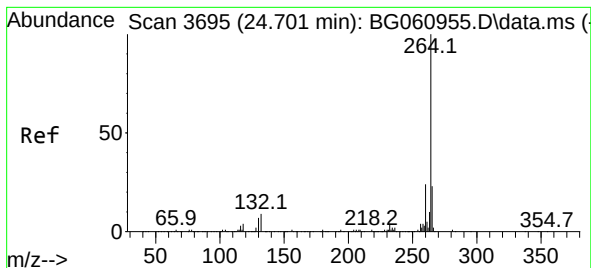
Ion Ratio Lower Upper

149 100

167 18.9 1.3 1.9#

43 73.0 11.2 16.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.614 min Scan# 3

Delta R.T. 0.915 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

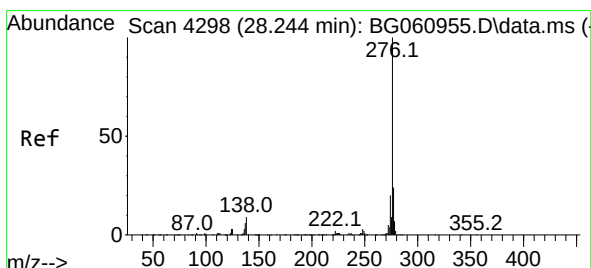
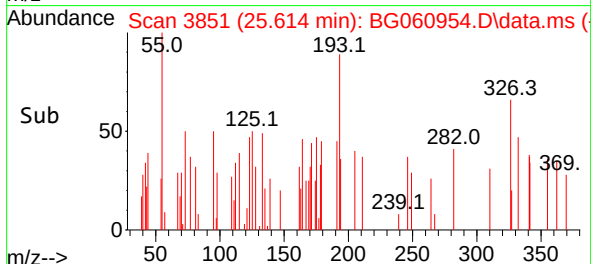
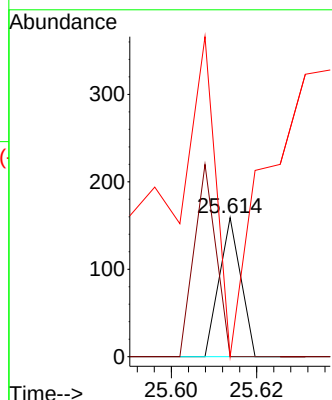
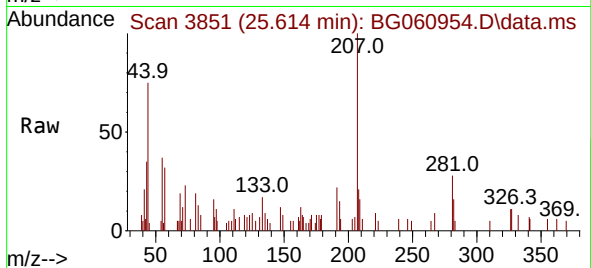
Instrument :

BNA_G

ClientSampleId :

DFTPP

Tgt Ion:264	Resp:	56
Ion Ratio	Lower	Upper
264	100	
260	0.0	19.6
265	0.0	16.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 33.570 ng

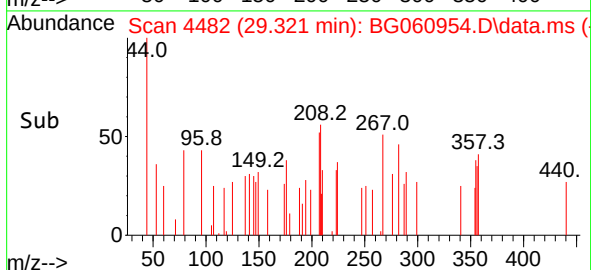
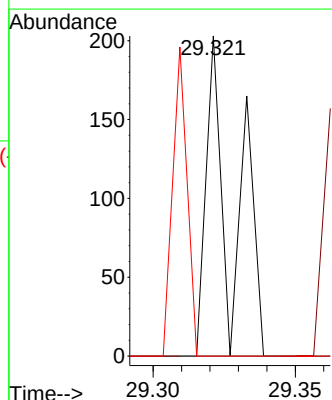
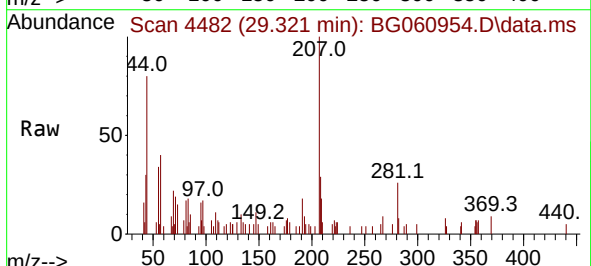
RT: 29.321 min Scan# 4482

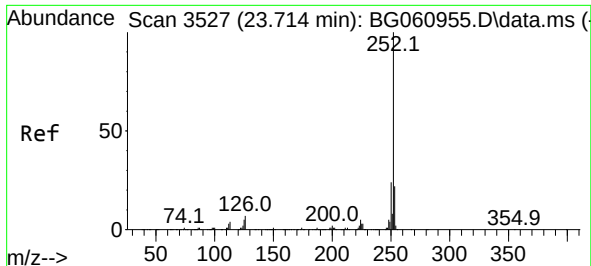
Delta R.T. 1.074 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

Tgt Ion:276	Resp:	130
Ion Ratio	Lower	Upper
276	100	
138	0.0	10.8
277	53.1	20.3

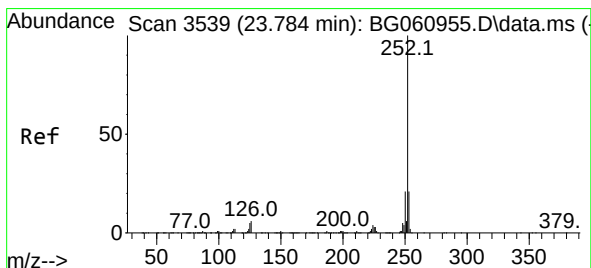
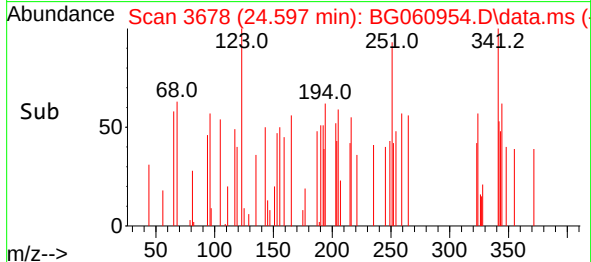
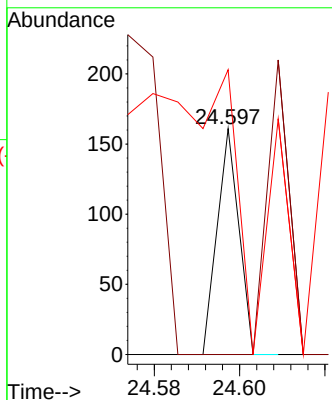
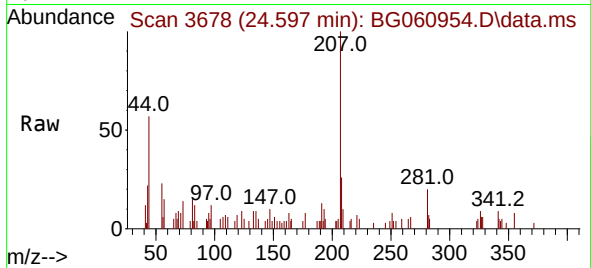




#88
Benzo(b)fluoranthene
Concen: 17.990 ng
RT: 24.597 min Scan# 3678
Delta R.T. 0.880 min
Lab File: BG060954.D
Acq: 19 Apr 2024 9:29

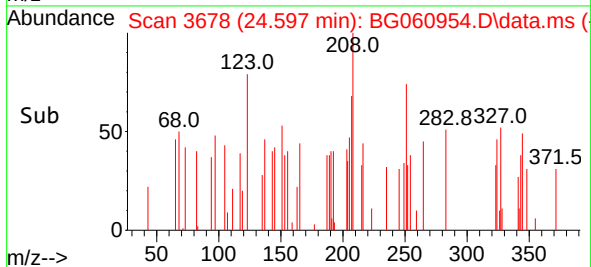
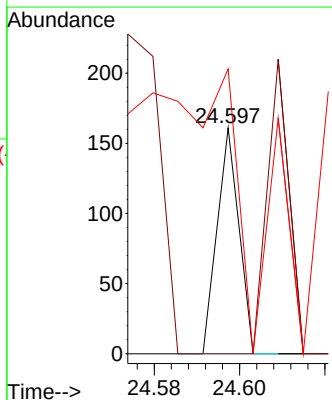
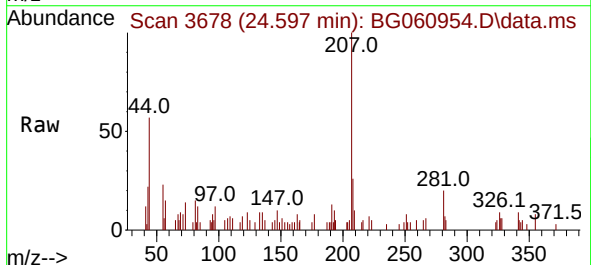
Instrument :
BNA_G
ClientSampleId :
DFTPP

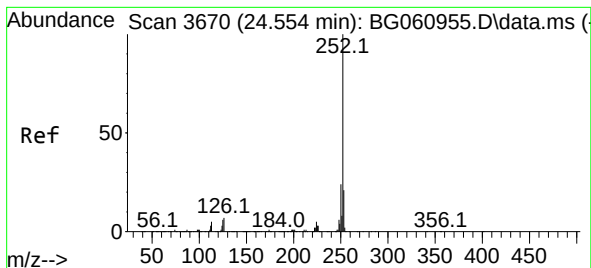
Tgt Ion:252 Resp: 57
Ion Ratio Lower Upper
252 100
253 0.0 16.8 25.2#
125 126.1 5.6 8.4#



#89
Benzo(k)fluoranthene
Concen: 17.585 ng
RT: 24.597 min Scan# 3678
Delta R.T. 0.815 min
Lab File: BG060954.D
Acq: 19 Apr 2024 9:29

Tgt Ion:252 Resp: 57
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 126.1 5.8 8.8#





#90

Benzo(a)pyrene

Concen: 25.289 ng

RT: 25.496 min Scan# 3

Delta R.T. 0.945 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

Instrument :

BNA_G

ClientSampleId :

DFTPP

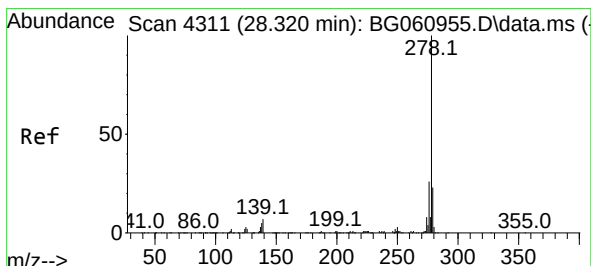
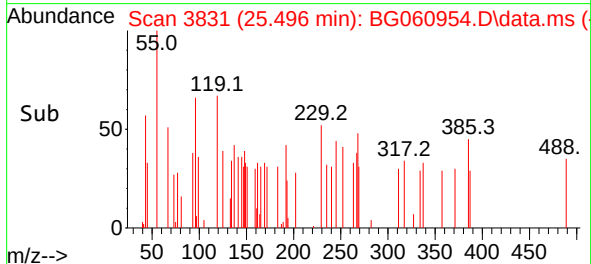
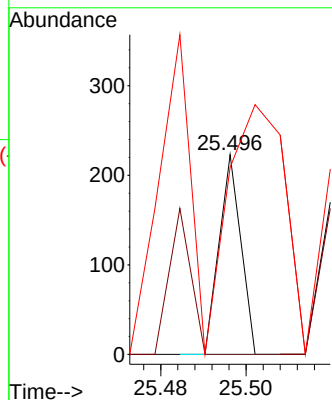
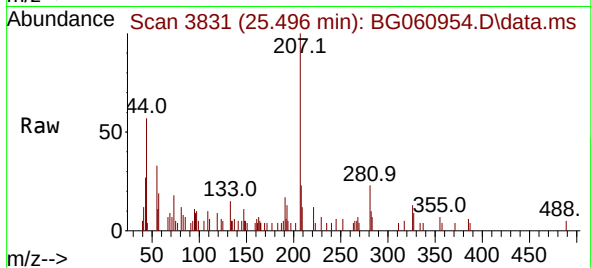
Tgt Ion:252 Resp: 79

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

125 93.7 6.1 9.1#



#91

Dibenzo(a,h)anthracene

Concen: 16.941 ng

RT: 29.415 min Scan# 4498

Delta R.T. 1.098 min

Lab File: BG060954.D

Acq: 19 Apr 2024 9:29

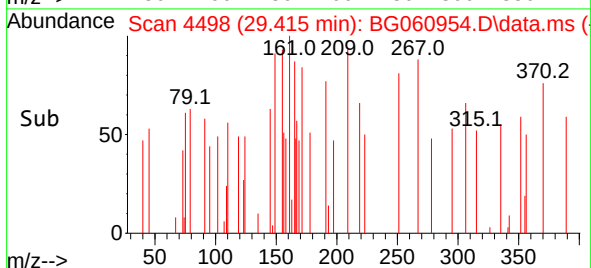
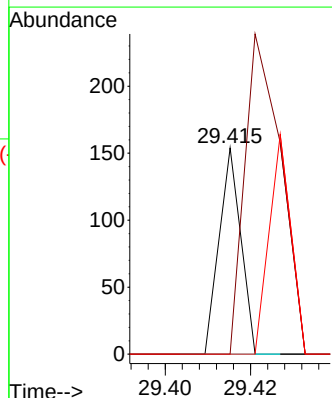
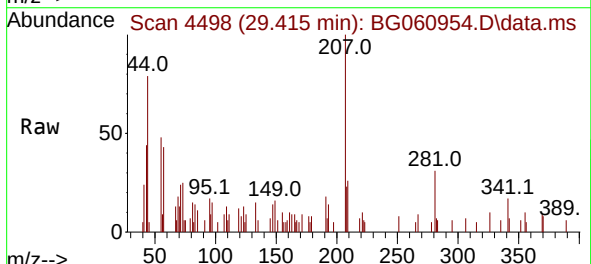
Tgt Ion:278 Resp: 54

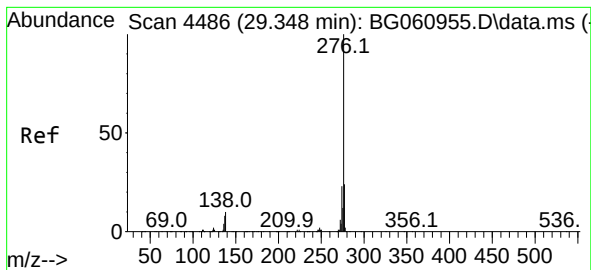
Ion Ratio Lower Upper

278 100

139 0.0 8.6 12.8#

279 0.0 19.4 29.2#





#92

Benzo(g,h,i)perylene

Concen: 19.253 ng

RT: 30.514 min Scan# 4

Delta R.T. 1.162 min

Lab File: BG060954.D

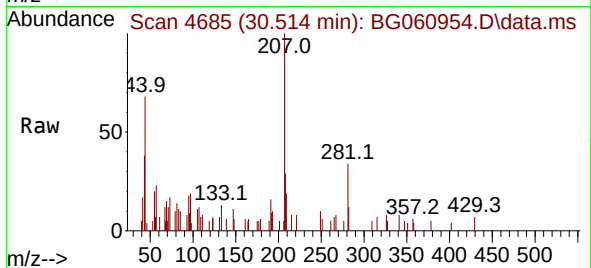
Acq: 19 Apr 2024 9:29

Instrument :

BNA_G

ClientSampleId :

DFTPP



Tgt Ion:276 Resp: 60

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 12.2 18.4#

