

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
 Data File : BG060986.D
 Acq On : 22 Apr 2024 10:56
 Operator : MA/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Apr 23 02:46:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

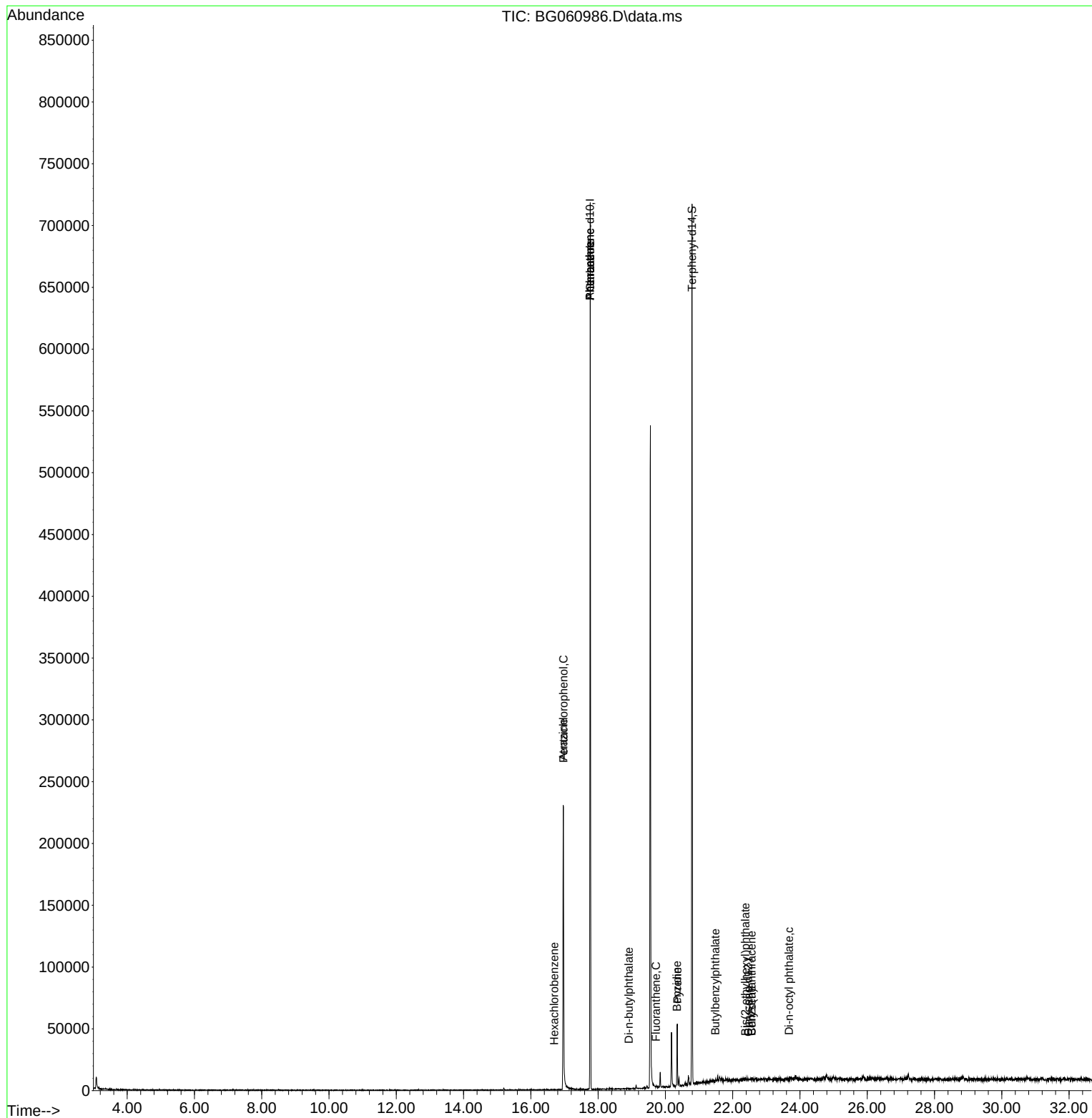
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-7.94
21) Naphthalene-d8	0.000	136	0	0.000	ng	-10.74
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.57
64) Phenanthrene-d10	17.761	188	217	20.000	ng	# 0.44
76) Chrysene-d12	22.461	240	55	20.000	ng	# 0.88
86) Perylene-d12	0.000	264	0	0.000	ng	-24.70
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	20.787	244	191	53.905	ng	0.85
Target Compounds						Qvalue
68) Hexachlorobenzene	16.692	284	61	19.283	ng	# 46
69) Atrazine	16.962	200	9459	4227.395	ng	# 39
70) Pentachlorophenol	16.968	266	54506	26276.924	ng	95
71) Phenanthrene	17.761	178	345	31.147	ng	# 1
72) Anthracene	17.761	178	345	30.243	ng	# 1
73) Carbazole	17.767	167	4225	445.950	ng	# 86
74) Di-n-butylphthalate	18.912	149	53	4.608	ng	# 77
75) Fluoranthene	19.723	202	1030	70.069	ng	67
77) Benzidine	20.340	184	180	176.628	ng	# 67
78) Pyrene	20.358	202	254	67.825	ng	# 1
80) Butylbenzylphthalate	21.486	149	686	549.585	ng	# 25
81) Benzo(a)anthracene	22.561	228	55	14.224	ng	# 53
83) Chrysene	22.561	228	55	14.939	ng	# 49
84) Bis(2-ethylhexyl)phtha...	22.379	149	83	45.737	ng	# 54
85) Di-n-octyl phthalate	23.672	149	56	18.587	ng	# 1

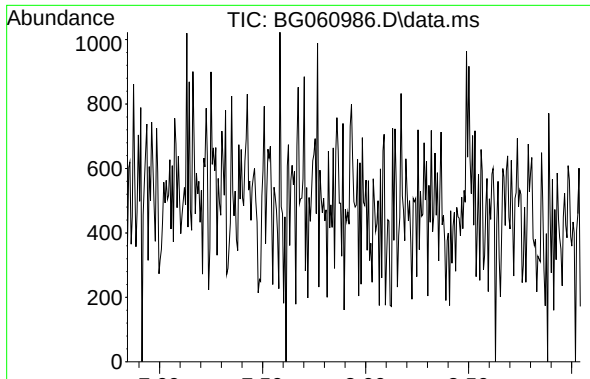
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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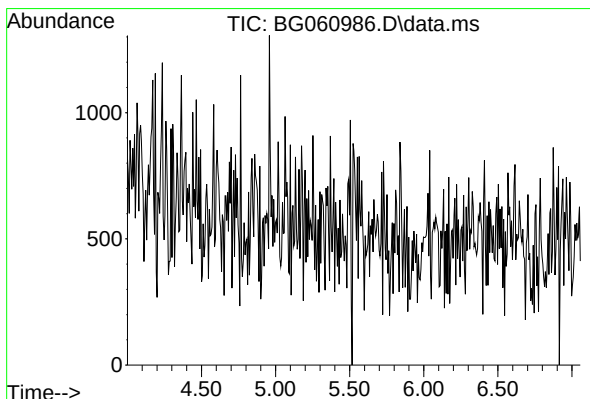
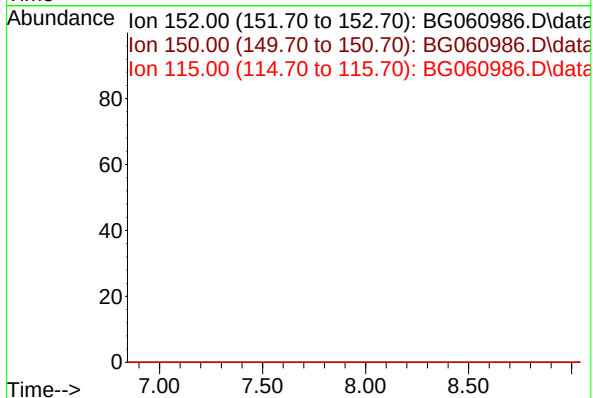


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 7.94 min
 Lab File: BG060986.D
 Acq: 22 Apr 2024 10:56

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 152

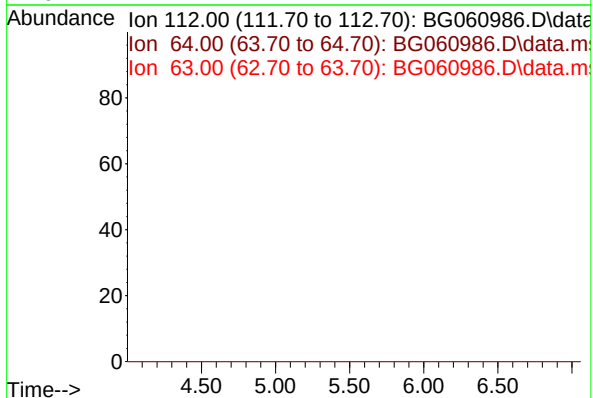
Sig	Exp Ratio
152	100
150	148.3
115	59.2

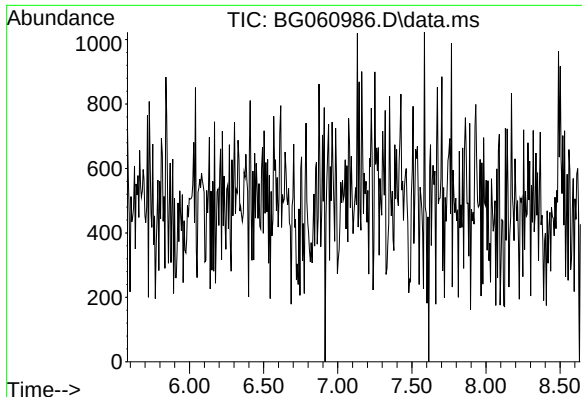


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.53 min
 Lab File: BG060986.D
 Acq: 22 Apr 2024 10:56

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	67.1
63	46.3



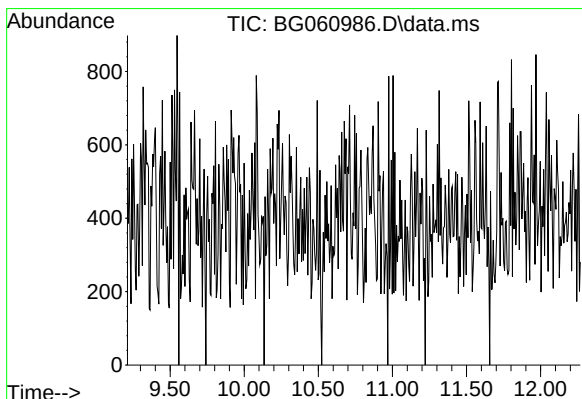
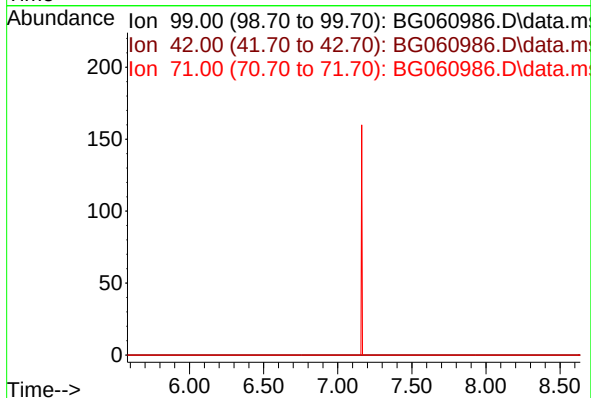


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.11 min
 Lab File: BG060986.D
 Acq: 22 Apr 2024 10:56

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 99

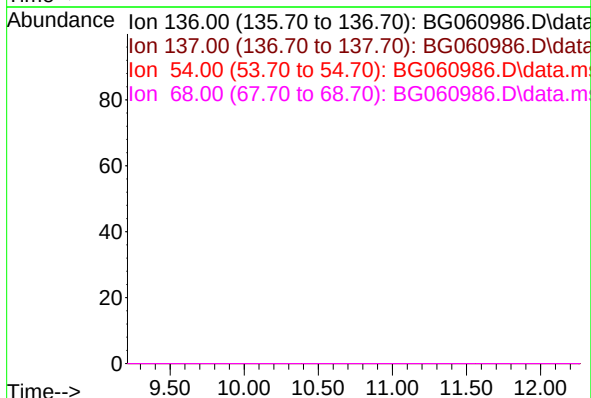
Sig	Exp Ratio
99	100
42	34.0
71	48.5

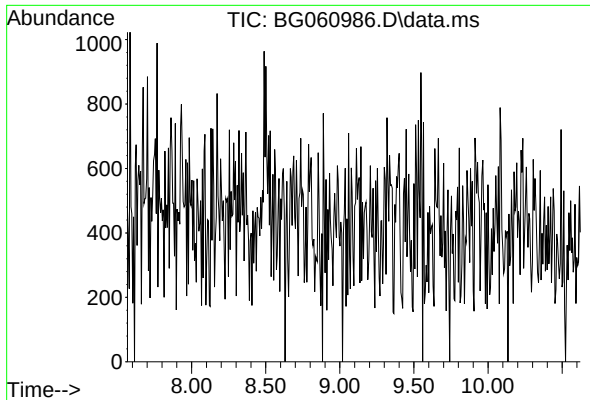


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 10.74 min
 Lab File: BG060986.D
 Acq: 22 Apr 2024 10:56

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	10.6
54	11.7
68	4.7



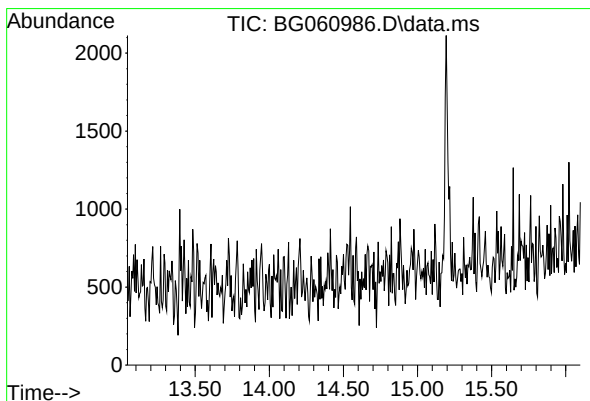
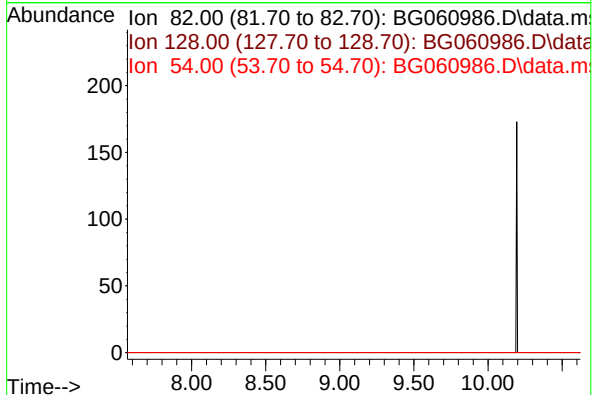


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.09 min

Lab File: BG060986.D
Acq: 22 Apr 2024 10:56

Instrument :
BNA_G
ClientSampleId :
DFTPP

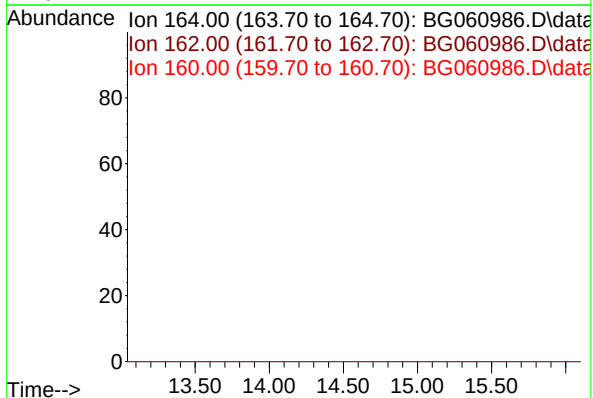
Tgt Ion: 82
Sig Exp Ratio
82 100
128 40.1
54 77.9

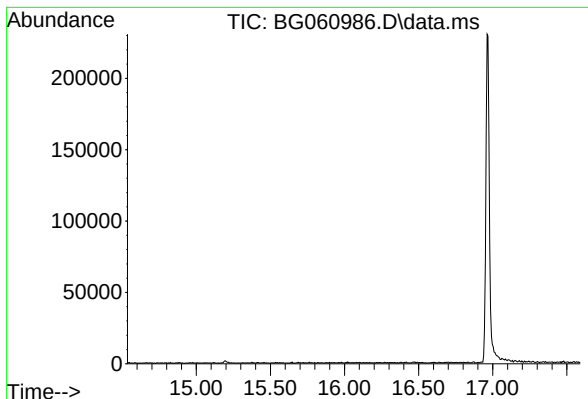


#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.57 min

Lab File: BG060986.D
Acq: 22 Apr 2024 10:56

Tgt Ion: 164
Sig Exp Ratio
164 100
162 101.5
160 45.2



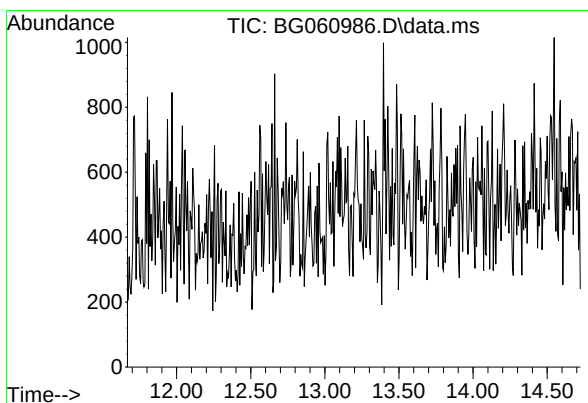
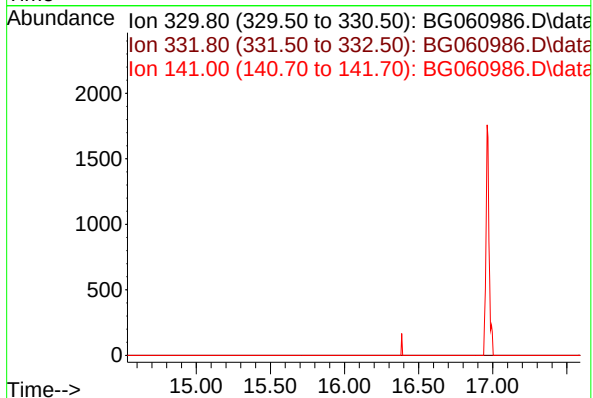


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.06 min
 Lab File: BG060986.D
 Acq: 22 Apr 2024 10:56

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 330

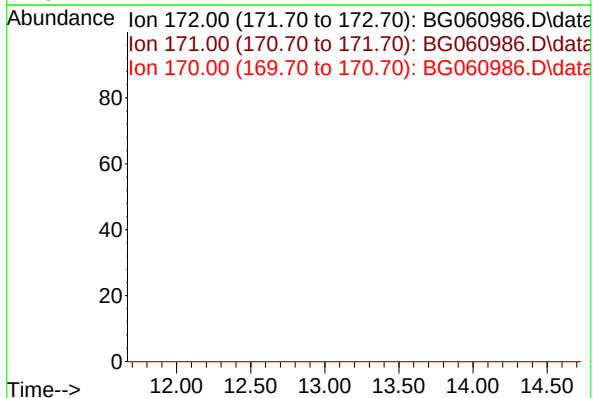
Sig	Exp Ratio
330	100
332	96.4
141	25.8

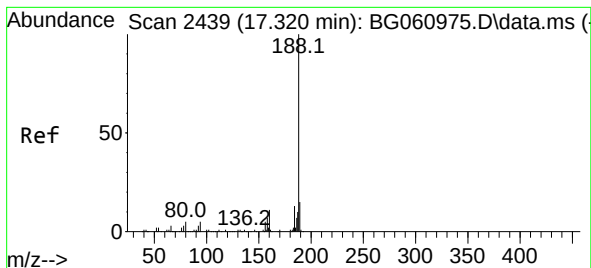


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.20 min
 Lab File: BG060986.D
 Acq: 22 Apr 2024 10:56

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.6
170	25.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.761 min Scan# 217

Delta R.T. 0.441 min

Lab File: BG060986.D

Acq: 22 Apr 2024 10:56

Instrument :

BNA_G

ClientSampleId :

DFTPP

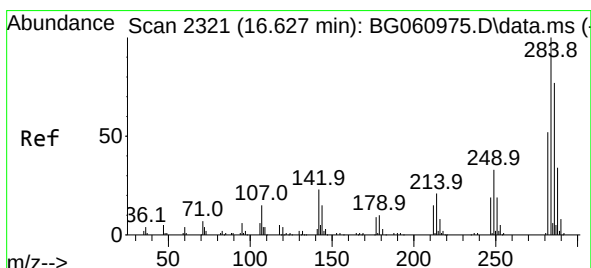
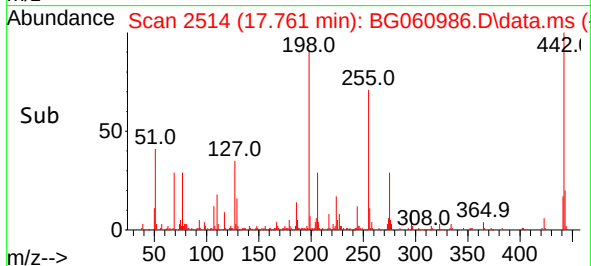
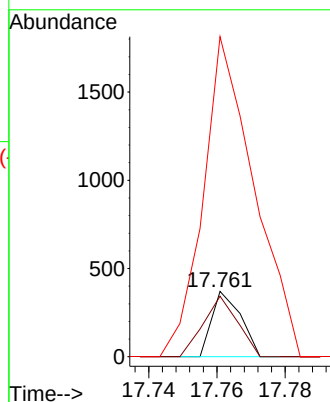
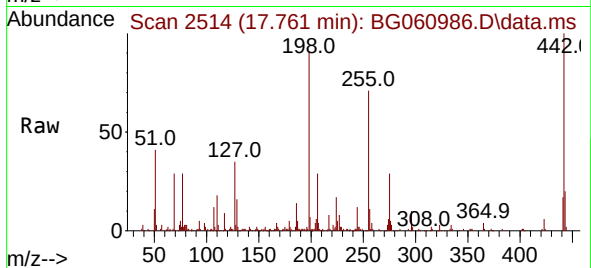
Tgt Ion:188 Resp: 217

Ion Ratio Lower Upper

188 100

94 92.7 4.1 6.1#

80 490.3 4.0 6.0#



#68

Hexachlorobenzene

Concen: 19.283 ng

RT: 16.692 min Scan# 2332

Delta R.T. 0.065 min

Lab File: BG060986.D

Acq: 22 Apr 2024 10:56

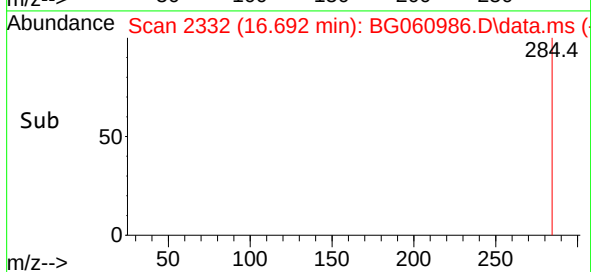
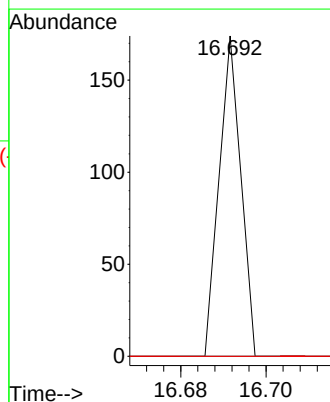
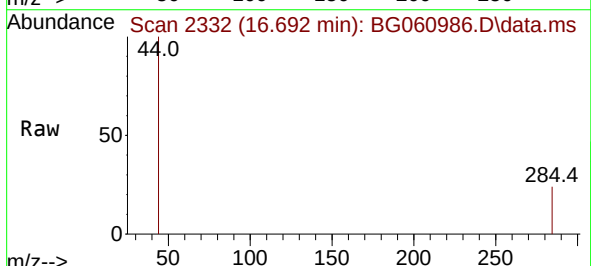
Tgt Ion:284 Resp: 61

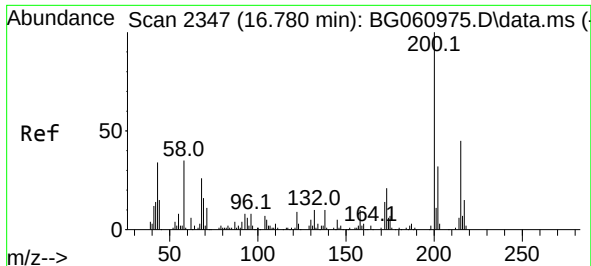
Ion Ratio Lower Upper

284 100

142 0.0 18.7 28.1#

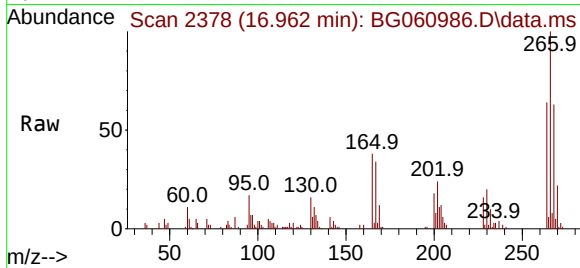
249 0.0 26.4 39.6#



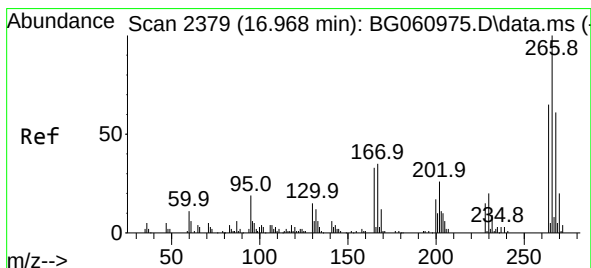
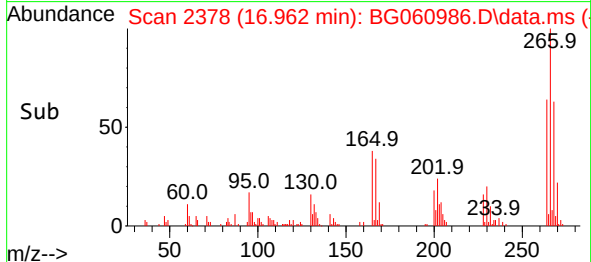
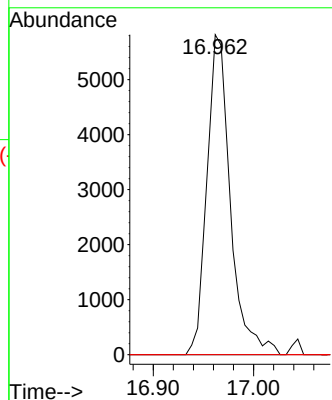


#69
Atrazine
Concen: 4227.395 ng
RT: 16.962 min Scan# 21
Delta R.T. 0.182 min
Lab File: BG060986.D
Acq: 22 Apr 2024 10:56

Instrument :
BNA_G
ClientSampleId :
DFTPP

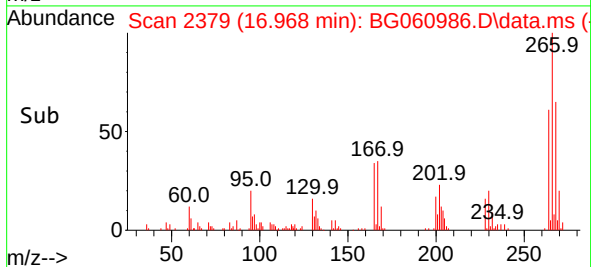
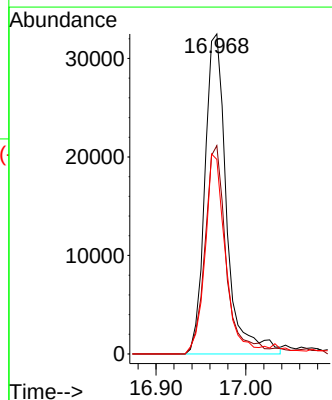
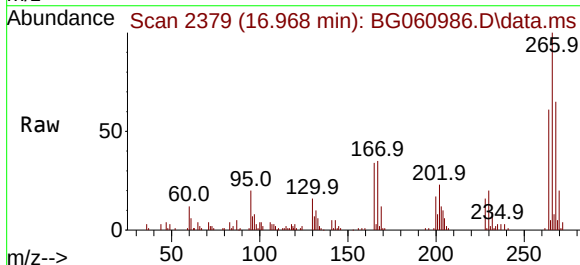


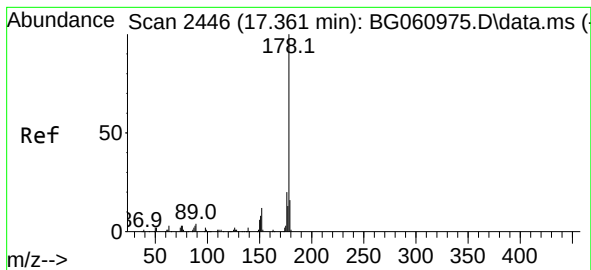
Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	1.4	41.4#
215	0.0	25.3	65.3#



#70
Pentachlorophenol
Concen: 26276.924 ng
RT: 16.968 min Scan# 2379
Delta R.T. -0.000 min
Lab File: BG060986.D
Acq: 22 Apr 2024 10:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	49.1	73.7
264	60.8	52.2	78.2





#71

Phenanthrene

Concen: 31.147 ng

RT: 17.761 min Scan# 2

Delta R.T. 0.400 min

Lab File: BG060986.D

Acq: 22 Apr 2024 10:56

Instrument :

BNA_G

ClientSampleId :

DFTPP

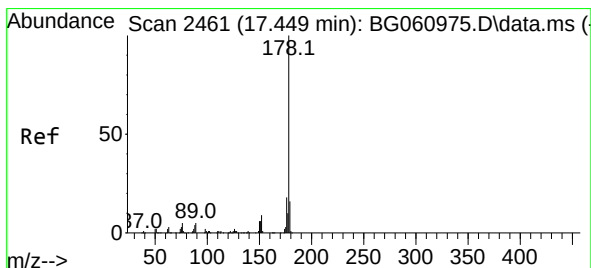
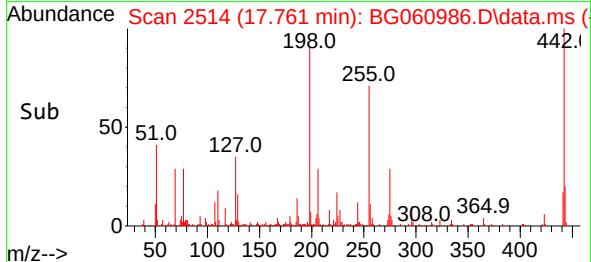
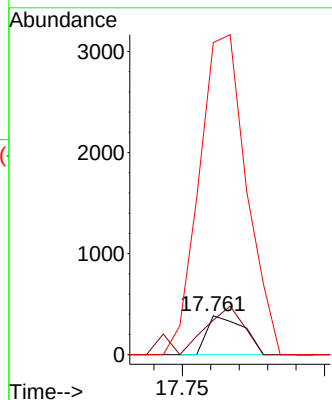
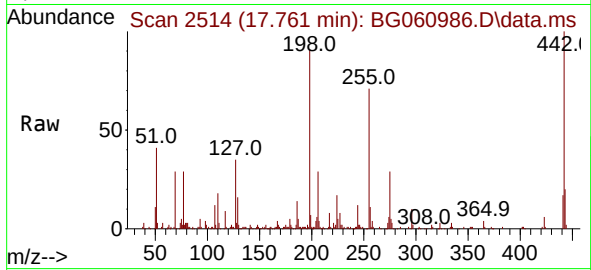
Tgt Ion:178 Resp: 345

Ion Ratio Lower Upper

178 100

176 88.8 16.0 24.0#

179 802.3 12.5 18.7#



#72

Anthracene

Concen: 30.243 ng

RT: 17.761 min Scan# 2514

Delta R.T. 0.311 min

Lab File: BG060986.D

Acq: 22 Apr 2024 10:56

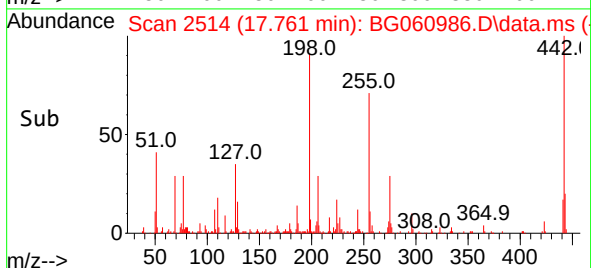
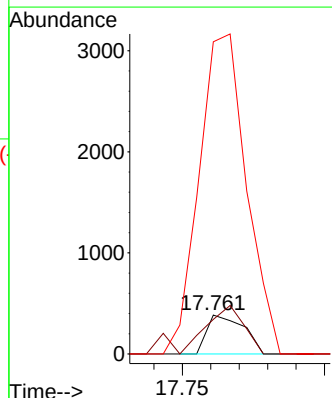
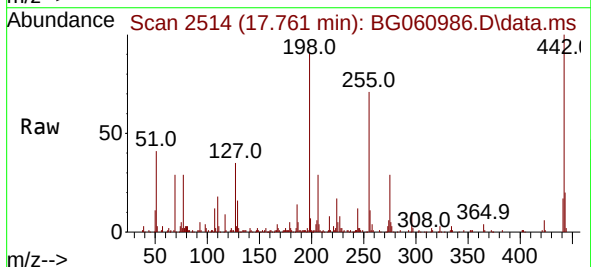
Tgt Ion:178 Resp: 345

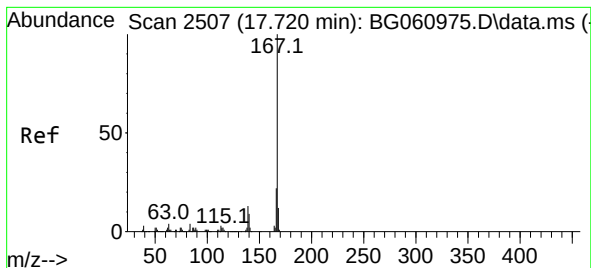
Ion Ratio Lower Upper

178 100

176 88.8 14.7 22.1#

179 802.3 12.4 18.6#





#73

Carbazole

Concen: 445.950 ng

RT: 17.767 min Scan# 21

Delta R.T. 0.047 min

Lab File: BG060986.D

Acq: 22 Apr 2024 10:56

Instrument :

BNA_G

ClientSampleId :

DFTPP

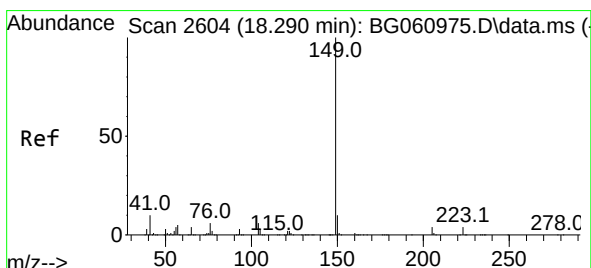
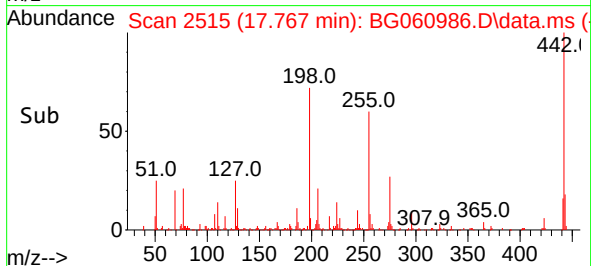
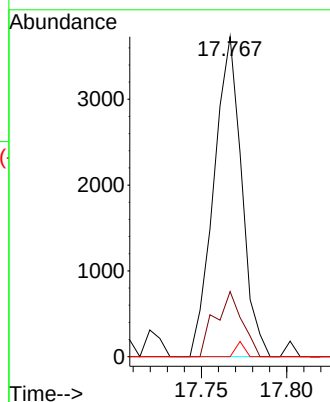
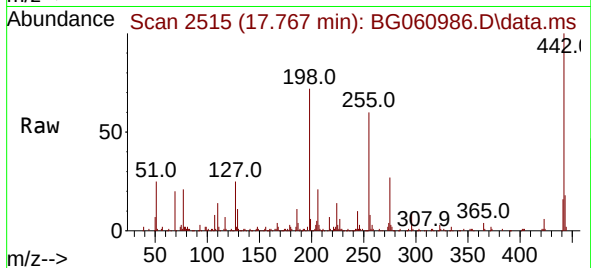
Tgt Ion:167 Resp: 4225

Ion Ratio Lower Upper

167 100

166 20.3 17.8 26.8

139 0.0 10.2 15.2#



#74

Di-n-butylphthalate

Concen: 4.608 ng

RT: 18.912 min Scan# 2710

Delta R.T. 0.623 min

Lab File: BG060986.D

Acq: 22 Apr 2024 10:56

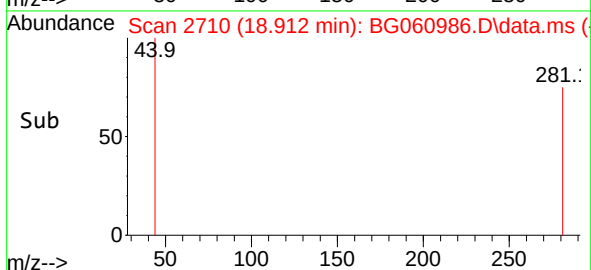
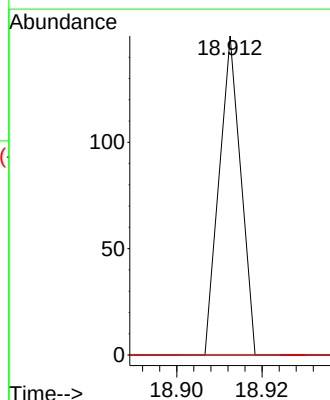
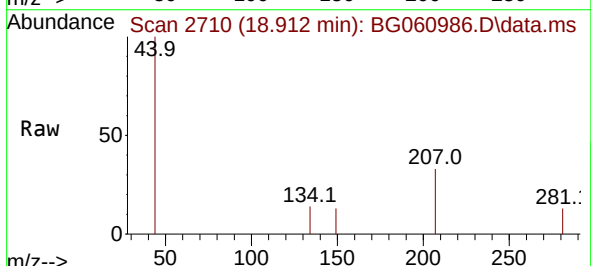
Tgt Ion:149 Resp: 53

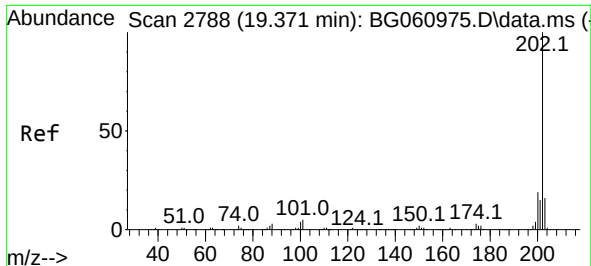
Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 5.0 7.6#

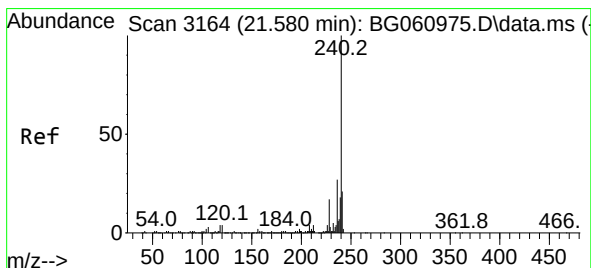
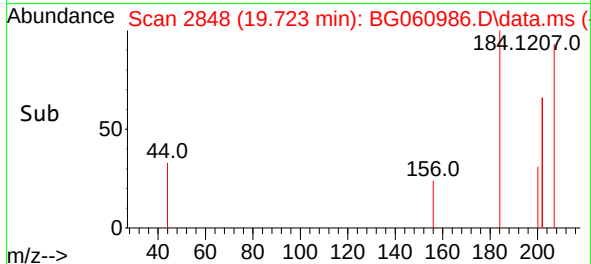
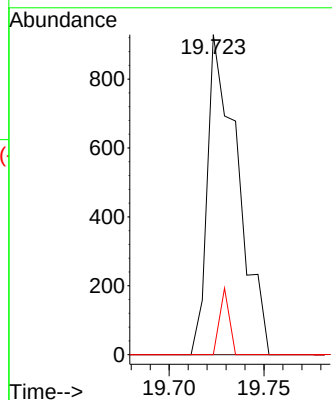
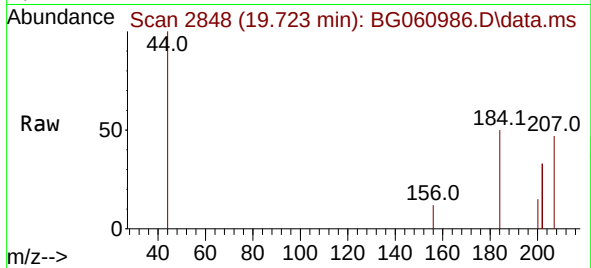




#75
Fluoranthene
Concen: 70.069 ng
RT: 19.723 min Scan# 21
Delta R.T. 0.353 min
Lab File: BG060986.D
Acq: 22 Apr 2024 10:56

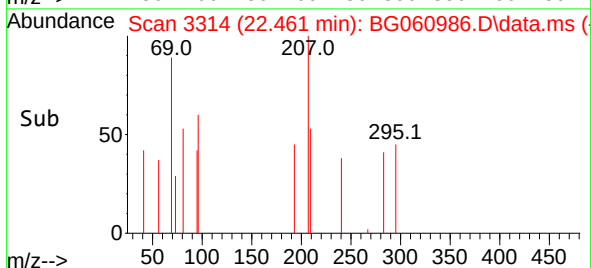
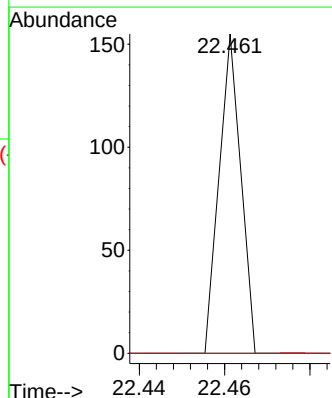
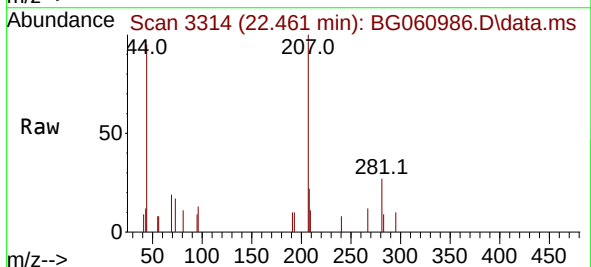
Instrument :
BNA_G
ClientSampleId :
DFTPP

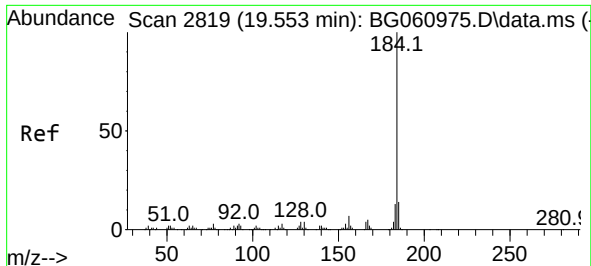
Tgt Ion:202 Resp: 1030
Ion Ratio Lower Upper
202 100
101 0.0 0.0 24.9
203 0.0 0.0 36.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.461 min Scan# 3314
Delta R.T. 0.881 min
Lab File: BG060986.D
Acq: 22 Apr 2024 10:56

Tgt Ion:240 Resp: 55
Ion Ratio Lower Upper
240 100
120 0.0 3.0 4.6#
236 0.0 21.8 32.6#

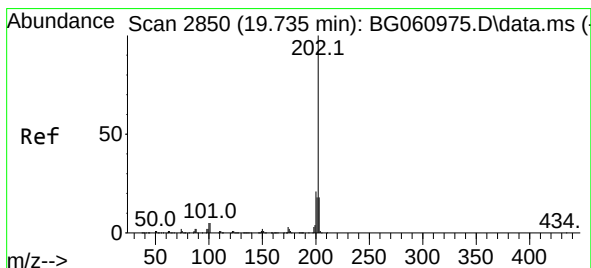
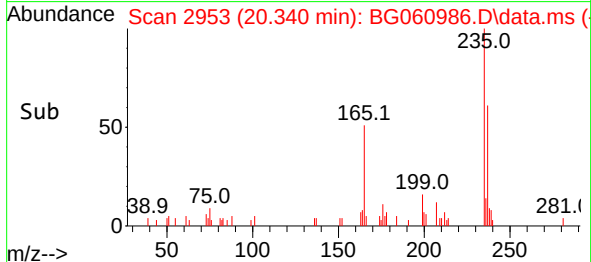
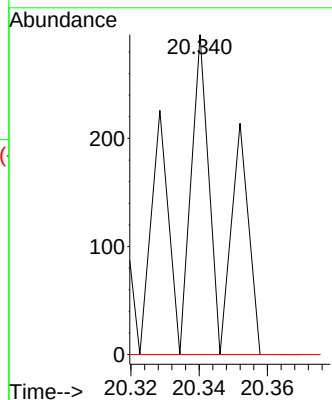
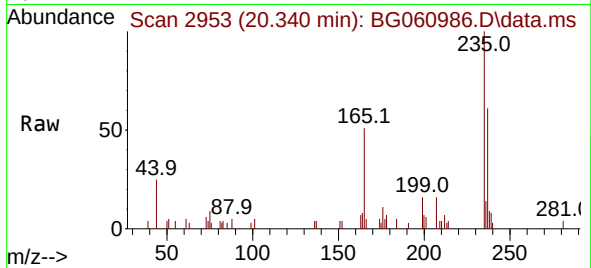




#77
Benzidine
Concen: 176.628 ng
RT: 20.340 min Scan# 2953
Delta R.T. 0.787 min
Lab File: BG060986.D
Acq: 22 Apr 2024 10:56

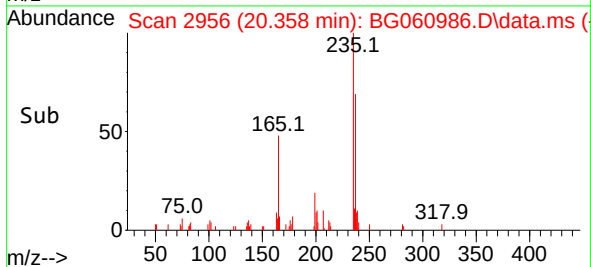
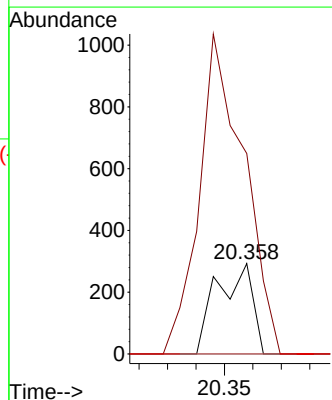
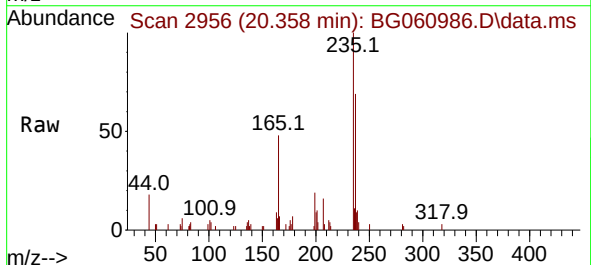
Instrument :
BNA_G
ClientSampleId :
DFTPP

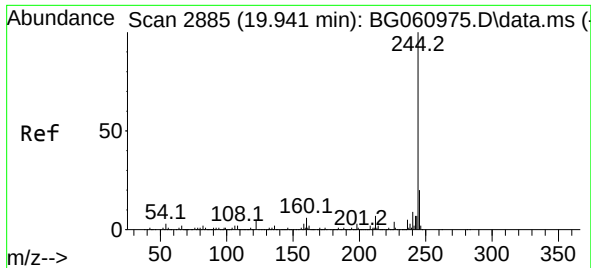
Tgt Ion:184 Resp: 180
Ion Ratio Lower Upper
184 100
185 0.0 11.3 16.9#
183 0.0 10.2 15.2#



#78
Pyrene
Concen: 67.825 ng
RT: 20.358 min Scan# 2956
Delta R.T. 0.623 min
Lab File: BG060986.D
Acq: 22 Apr 2024 10:56

Tgt Ion:202 Resp: 254
Ion Ratio Lower Upper
202 100
200 221.5 16.8 25.2#
203 0.0 14.2 21.2#

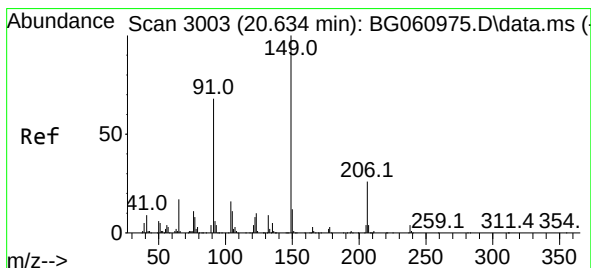
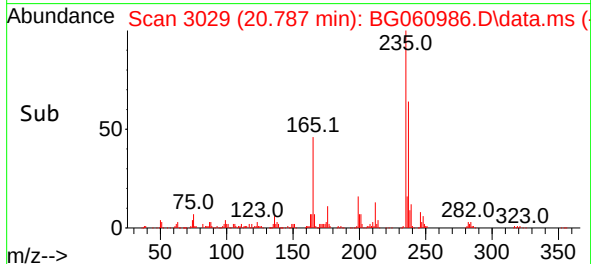
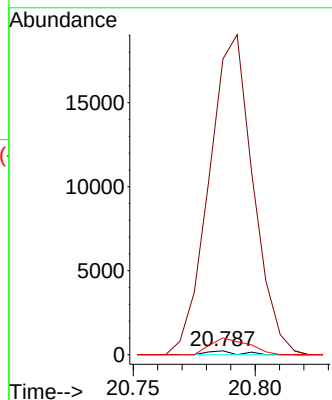
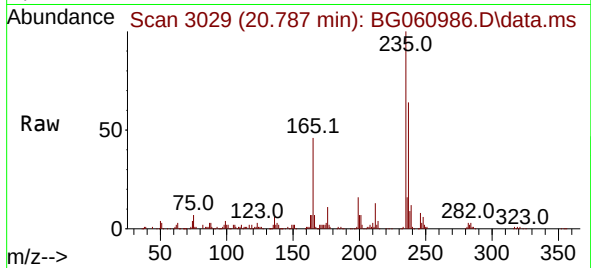




#79
 Terphenyl-d14
 Concen: 53.905 ng
 RT: 20.787 min Scan# 30
 Delta R.T. 0.846 min
 Lab File: BG060986.D
 Acq: 22 Apr 2024 10:56

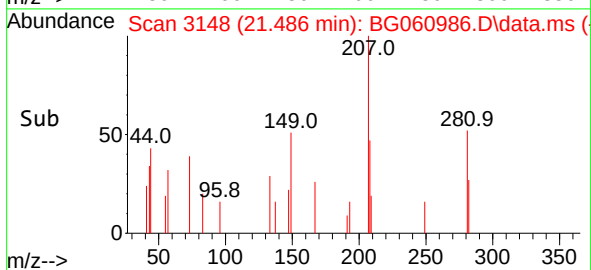
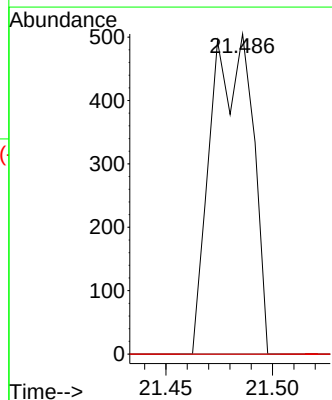
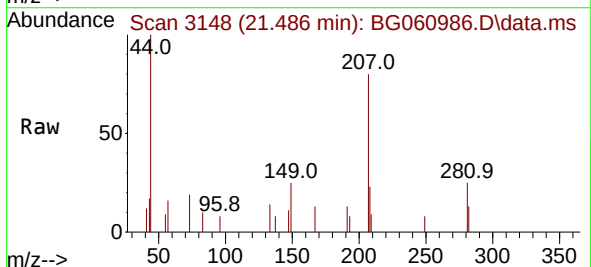
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

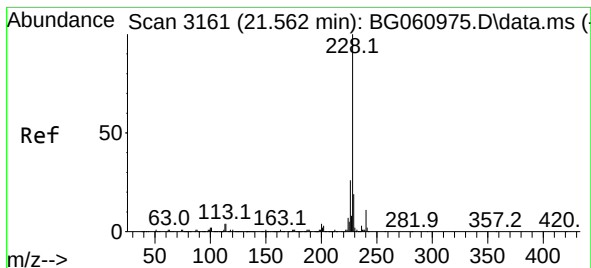
Tgt Ion:244 Resp: 191
 Ion Ratio Lower Upper
 244 100
 212 7822.2 5.9 8.9#
 122 443.6 4.2 6.2#



#80
 Butylbenzylphthalate
 Concen: 549.585 ng
 RT: 21.486 min Scan# 3148
 Delta R.T. 0.852 min
 Lab File: BG060986.D
 Acq: 22 Apr 2024 10:56

Tgt Ion:149 Resp: 686
 Ion Ratio Lower Upper
 149 100
 91 0.0 54.4 81.6#
 206 0.0 20.8 31.2#





#81

Benzo(a)anthracene

Concen: 14.224 ng

RT: 22.561 min Scan# 3161

Delta R.T. 0.999 min

Lab File: BG060986.D

Acq: 22 Apr 2024 10:56

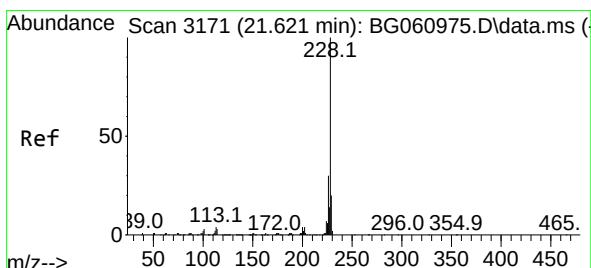
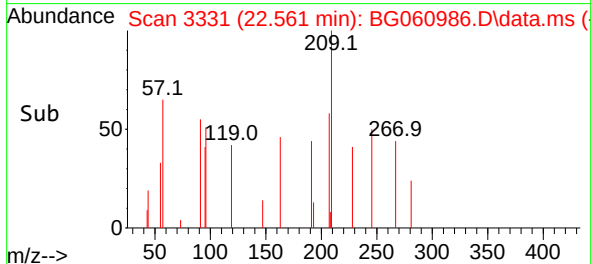
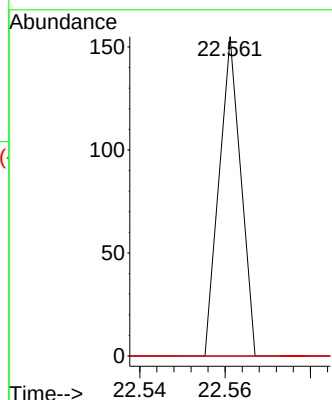
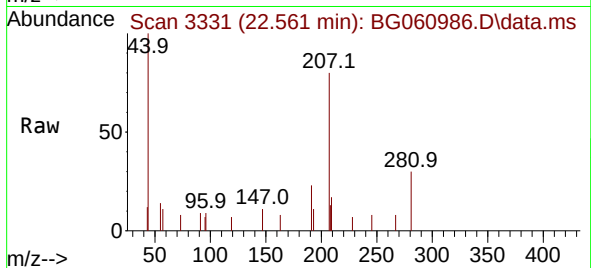
Instrument :

BNA_G

ClientSampleId :

DFTPP

Tgt Ion:	228	Resp:	55
Ion Ratio	Lower	Upper	
228	100		
226	0.0	21.0	31.4#
229	0.0	15.0	22.4#



#83

Chrysene

Concen: 14.939 ng

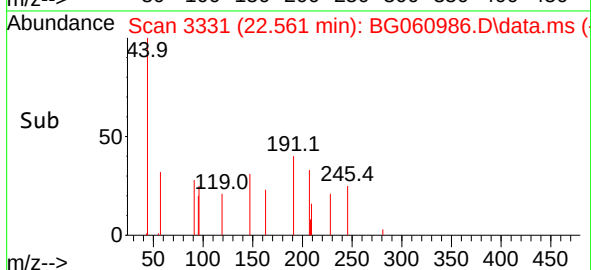
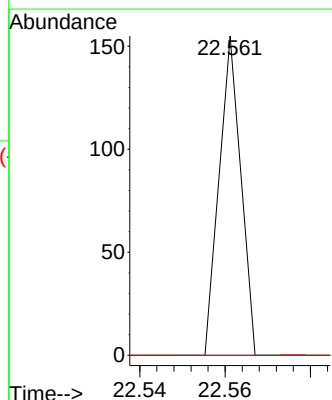
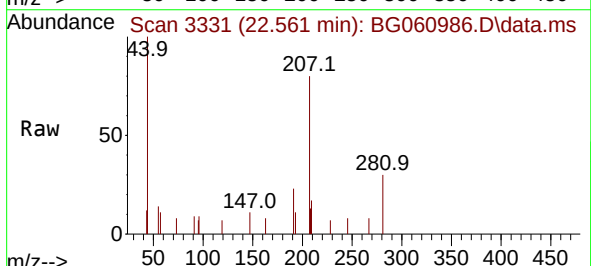
RT: 22.561 min Scan# 3331

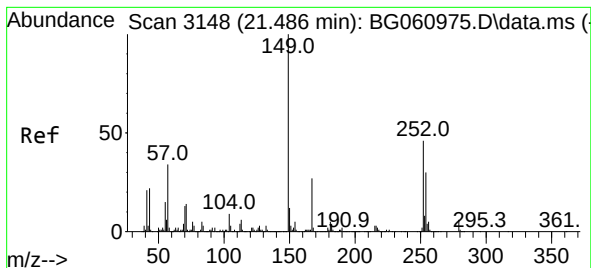
Delta R.T. 0.940 min

Lab File: BG060986.D

Acq: 22 Apr 2024 10:56

Tgt Ion:	228	Resp:	55
Ion Ratio	Lower	Upper	
228	100		
226	0.0	24.2	36.2#
229	0.0	15.7	23.5#

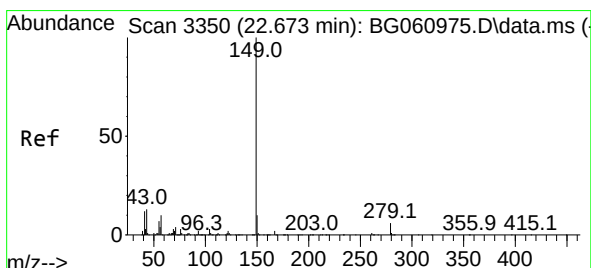
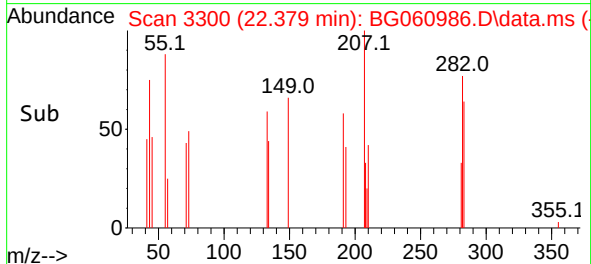
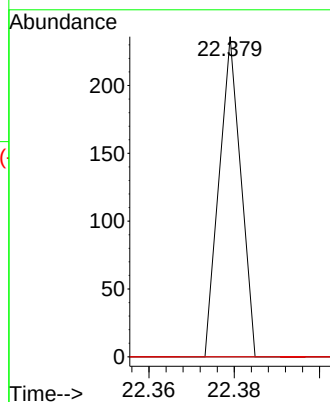
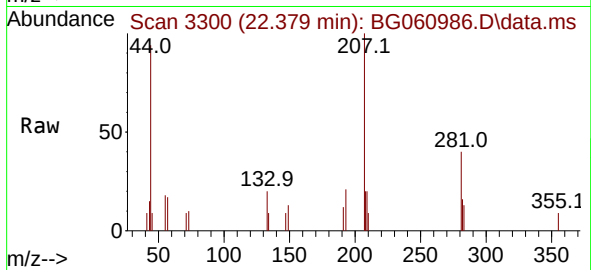




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.737 ng
 RT: 22.379 min Scan# 3148
 Delta R.T. 0.893 min
 Lab File: BG060986.D
 Acq: 22 Apr 2024 10:56

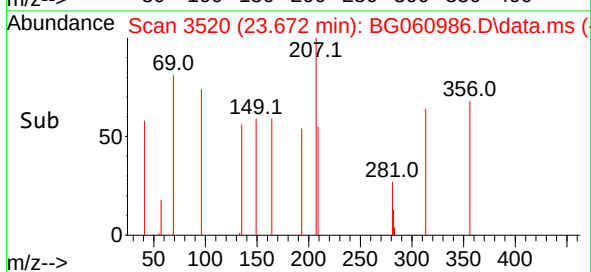
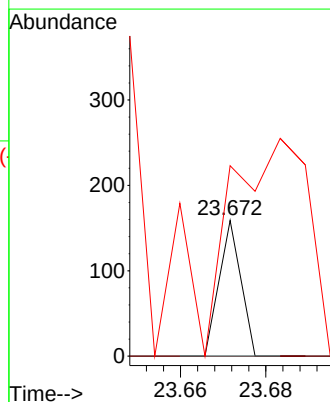
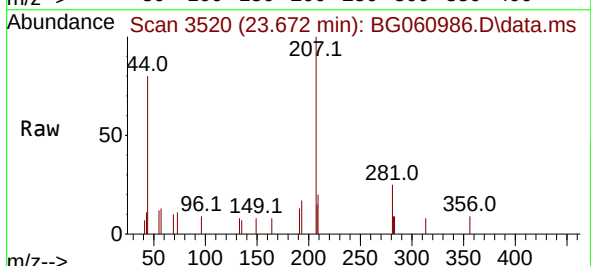
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

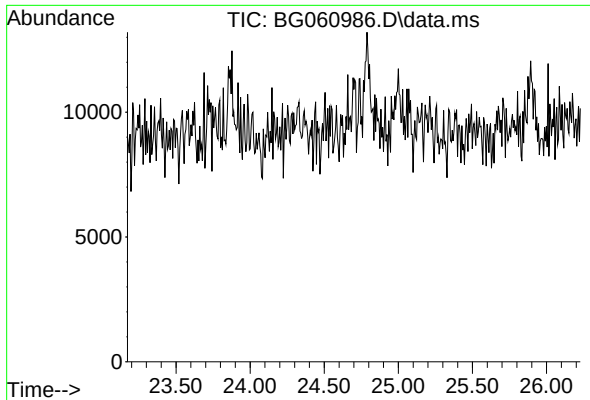
Tgt Ion:149 Resp: 83
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.8 32.8#
 279 0.0 4.4 6.6#



#85
 Di-n-octyl phthalate
 Concen: 18.587 ng
 RT: 23.672 min Scan# 3520
 Delta R.T. 0.999 min
 Lab File: BG060986.D
 Acq: 22 Apr 2024 10:56

Tgt Ion:149 Resp: 56
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.2#
 43 564.3 11.0 16.6#





#86
Perylene-d12
Concen: 0.000 ng
Expected RT: 24.70 min
Lab File: BG060986.D
Acq: 22 Apr 2024 10:56

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion: 264
Sig Exp Ratio
264 100
260 24.3
265 21.2

