

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060716.D
 Acq On : 1 Apr 2024 15:24
 Operator : MA/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Apr 02 06:55:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

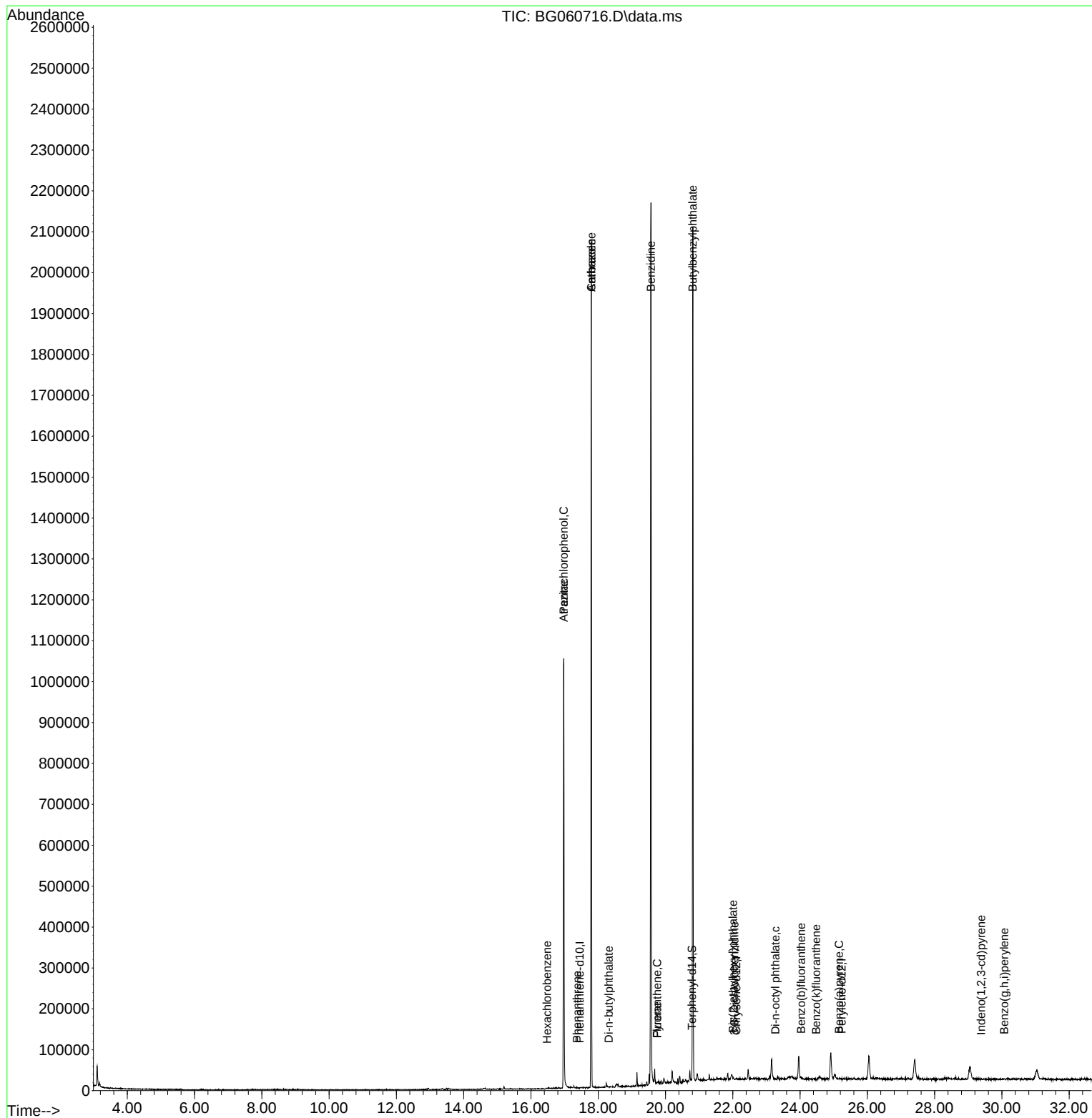
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-7.96
21) Naphthalene-d8	0.000	136	0	0.000	ng	-10.76
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.59
64) Phenanthrene-d10	17.453	188	65	20.000	ng	# 0.11
76) Chrysene-d12	22.106	240	59	20.000	ng	# 0.50
86) Perylene-d12	25.238	264	55	20.000	ng	# 0.49
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	9.110	82	72	0.000	ng	0.00
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	20.784	244	61	18.205	ng	0.82
Target Compounds						Qvalue
68) Hexachlorobenzene	16.478	284	63	84.600	ng	# 43
69) Atrazine	16.971	200	36562	56288.479	ng	# 36
70) Pentachlorophenol	16.977	266	200041	411689.790	ng	98
71) Phenanthrene	17.371	178	64	18.932	ng	# 60
72) Anthracene	17.794	178	1080	314.582	ng	# 1
73) Carbazole	17.794	167	13167	4349.929	ng	# 83
74) Di-n-butylphthalate	18.311	149	164	43.458	ng	# 77
75) Fluoranthene	19.750	202	75	18.283	ng	64
77) Benzidine	19.568	184	1273535	819732.872	ng	99
78) Pyrene	19.750	202	75	18.176	ng	# 57
80) Butylbenzylphthalate	20.814	149	8617	5724.712	ng	# 1
82) 3,3'-Dichlorobenzidine	22.048	252	54	38.454	ng	# 24
84) Bis(2-ethylhexyl)phtha...	22.006	149	57	23.759	ng	# 54
85) Di-n-octyl phthalate	23.270	149	60	15.351	ng	# 68
87) Indeno(1,2,3-cd)pyrene	29.380	276	57	14.717	ng	# 55
88) Benzo(b)fluoranthene	24.034	252	63	19.938	ng	# 60
89) Benzo(k)fluoranthene	24.480	252	58	17.934	ng	# 60
90) Benzo(a)pyrene	25.162	252	63	20.517	ng	# 61
92) Benzo(g,h,i)perylene	30.068	276	62	19.521	ng	# 55

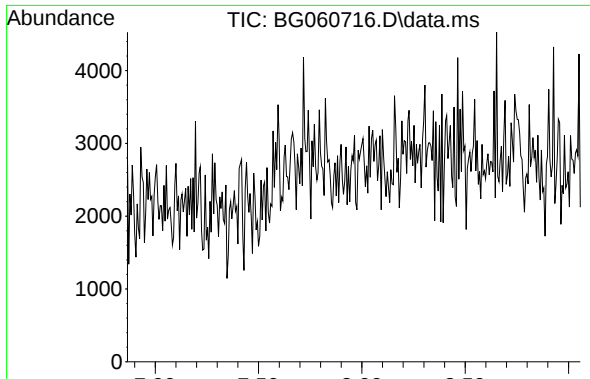
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060716.D
Acq On : 1 Apr 2024 15:24
Operator : MA/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Apr 02 06:55:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration



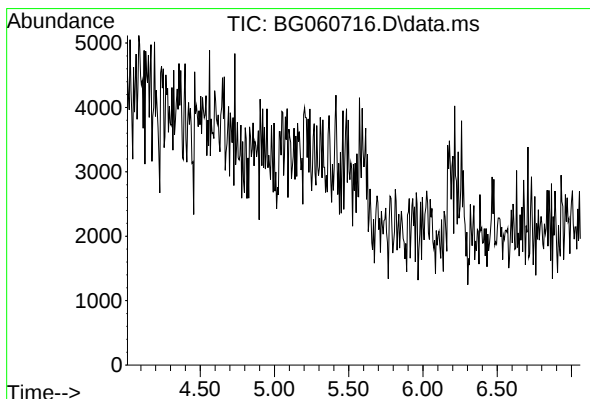
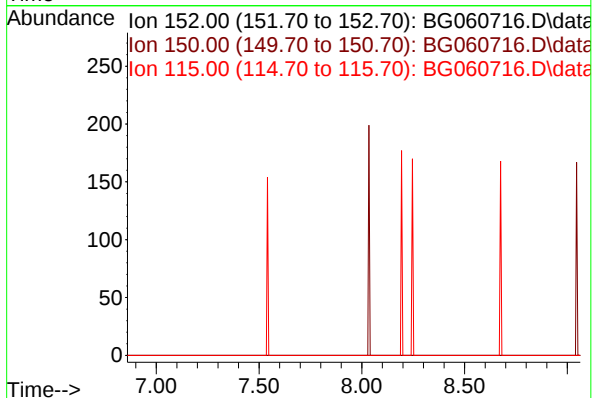


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 7.96 min
 Lab File: BG060716.D
 Acq: 1 Apr 2024 15:24

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 152

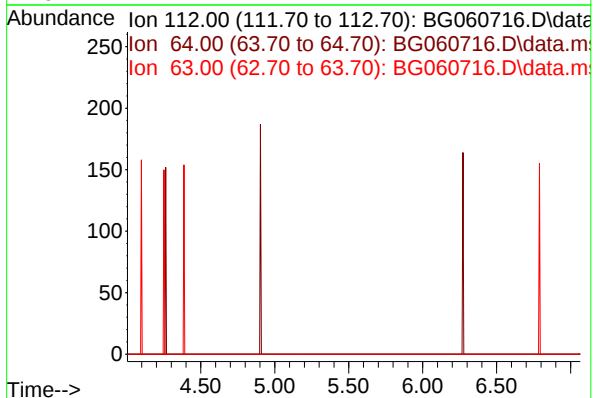
Sig	Exp Ratio
152	100
150	162.8
115	64.5

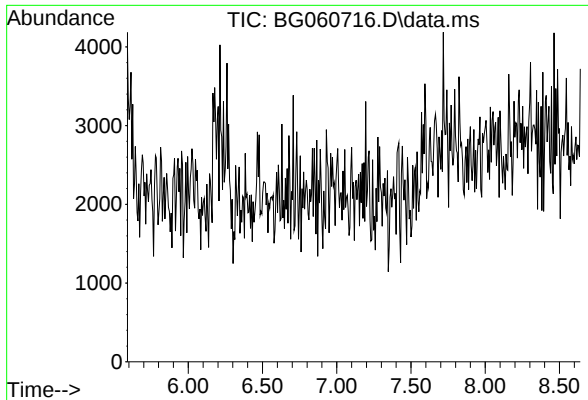


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.53 min
 Lab File: BG060716.D
 Acq: 1 Apr 2024 15:24

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	73.0
63	40.9



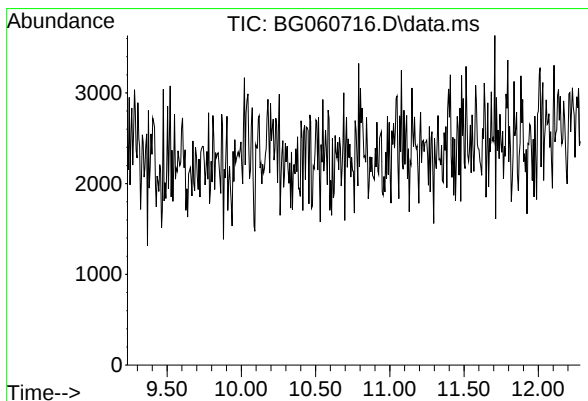
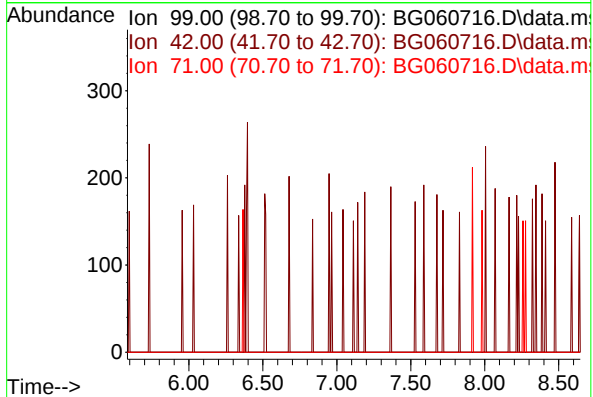


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.12 min
 Lab File: BG060716.D
 Acq: 1 Apr 2024 15:24

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 99

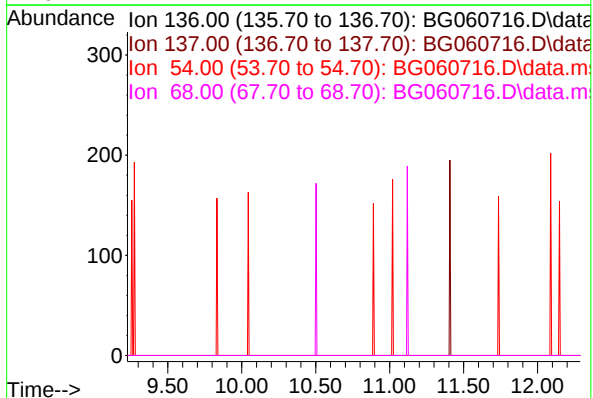
Sig	Exp Ratio
99	100
42	24.3
71	35.2

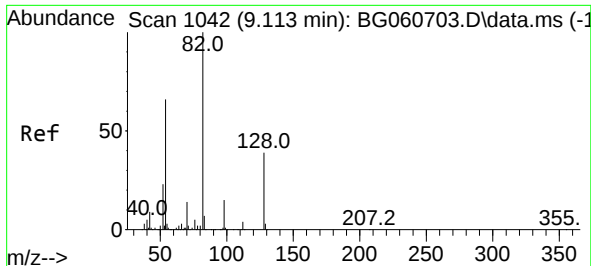


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 10.76 min
 Lab File: BG060716.D
 Acq: 1 Apr 2024 15:24

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.0
54	12.7
68	6.5

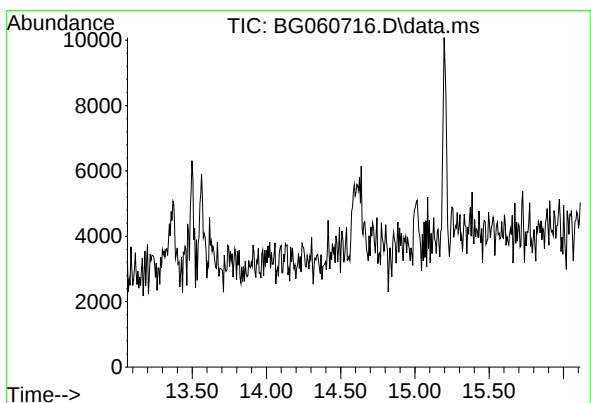
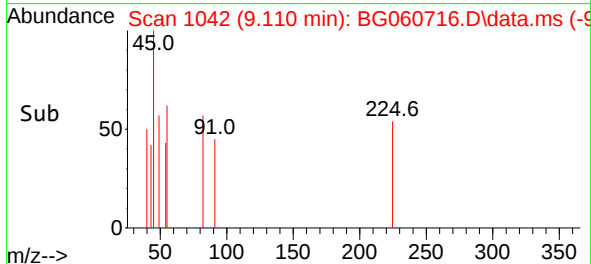
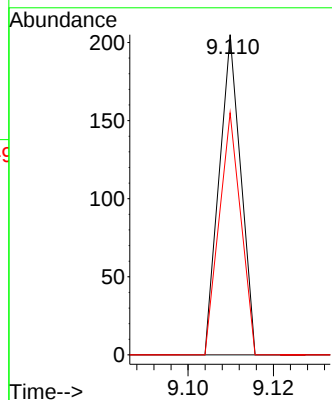
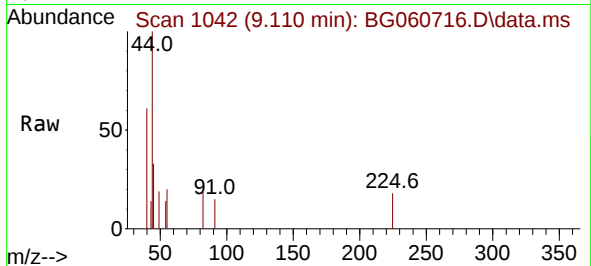




#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.110 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG060716.D
Acq: 1 Apr 2024 15:24

Instrument :
BNA_G
ClientSampleId :
DFTPP

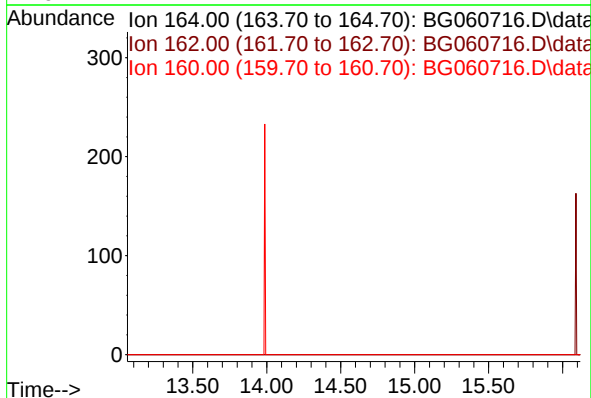
Tgt Ion: 82 Resp: 72
Ion Ratio Lower Upper
82 100
128 0.0 31.2 46.8#
54 75.6 53.2 79.8

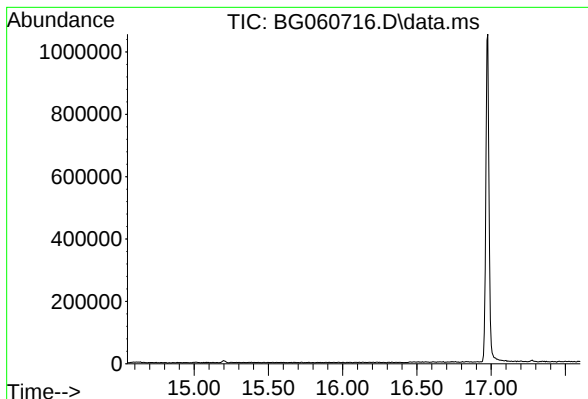


#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.59 min

Lab File: BG060716.D
Acq: 1 Apr 2024 15:24

Tgt Ion: 164
Sig Exp Ratio
164 100
162 99.4
160 44.2



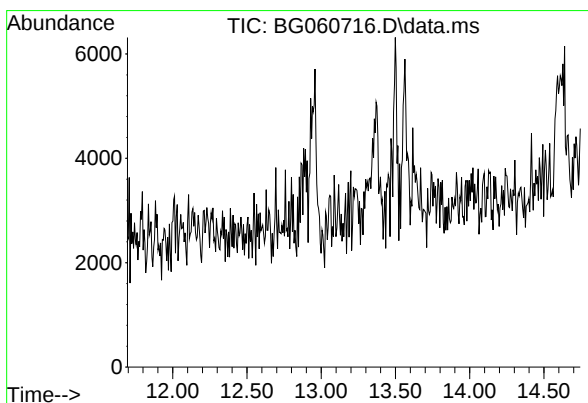
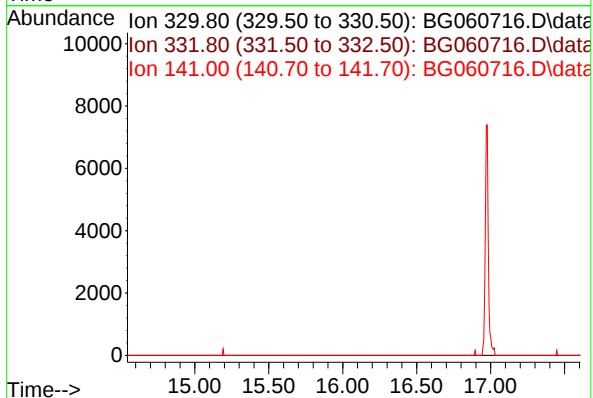


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.08 min
 Lab File: BG060716.D
 Acq: 1 Apr 2024 15:24

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 330

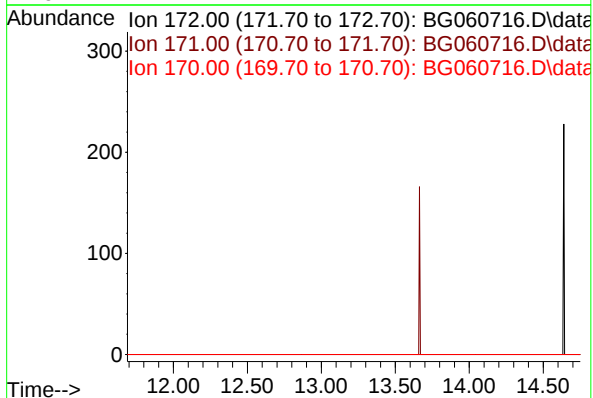
Sig	Exp Ratio
330	100
332	97.8
141	33.8

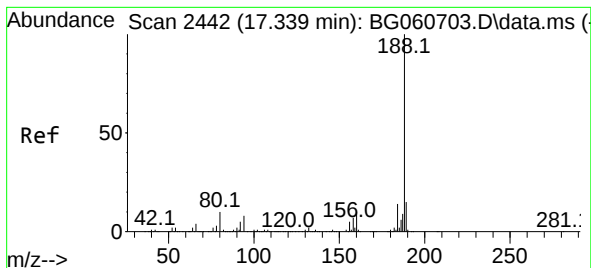


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.22 min
 Lab File: BG060716.D
 Acq: 1 Apr 2024 15:24

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.9
170	24.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.453 min Scan# 24

Delta R.T. 0.114 min

Lab File: BG060716.D

Acq: 1 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

DFTPP

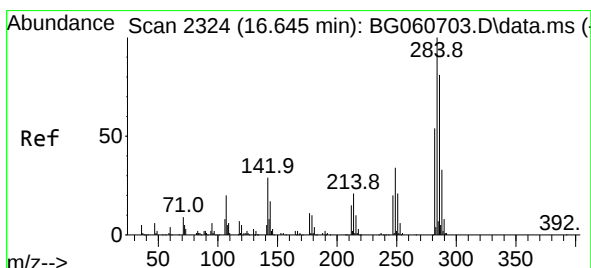
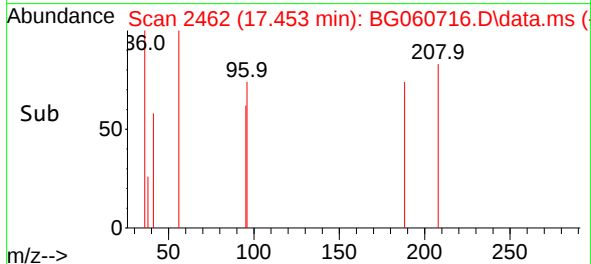
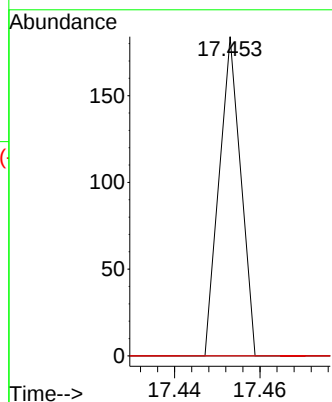
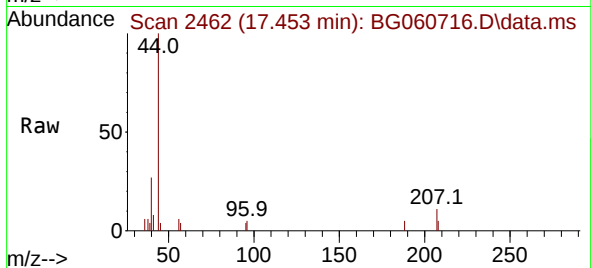
Tgt Ion:188 Resp: 65

Ion Ratio Lower Upper

188 100

94 0.0 6.6 9.8#

80 0.0 7.6 11.4#



#68

Hexachlorobenzene

Concen: 84.600 ng

RT: 16.478 min Scan# 2296

Delta R.T. -0.168 min

Lab File: BG060716.D

Acq: 1 Apr 2024 15:24

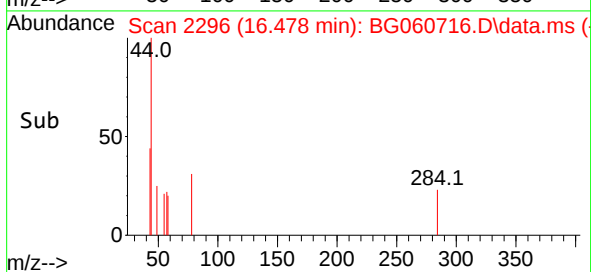
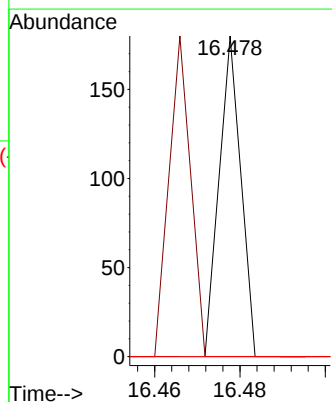
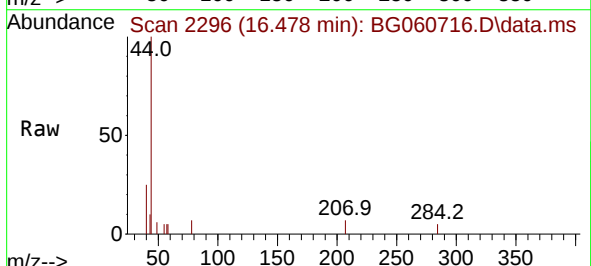
Tgt Ion:284 Resp: 63

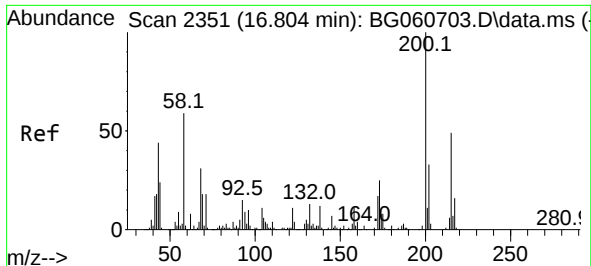
Ion Ratio Lower Upper

284 100

142 0.0 22.9 34.3#

249 0.0 27.1 40.7#

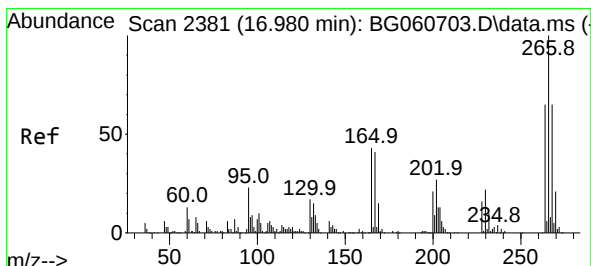
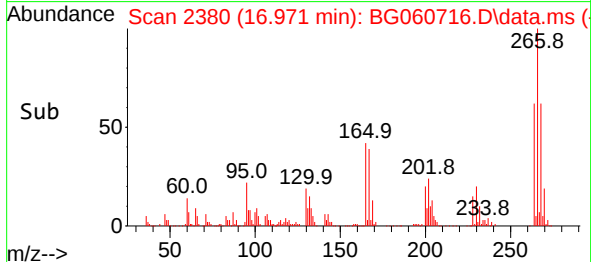
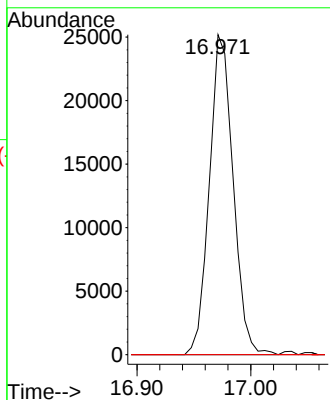
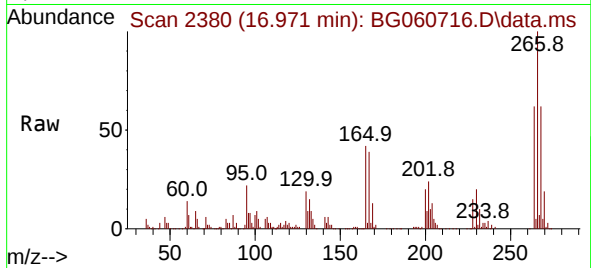




#69
Atrazine
Concen: 56288.479 ng
RT: 16.971 min Scan# 21
Delta R.T. 0.167 min
Lab File: BG060716.D
Acq: 1 Apr 2024 15:24

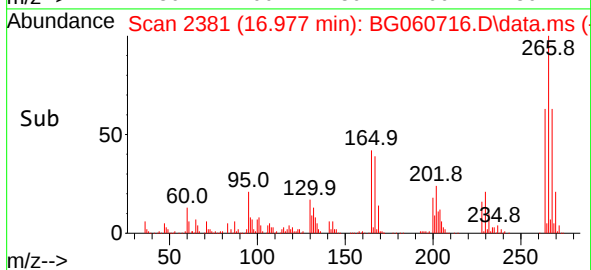
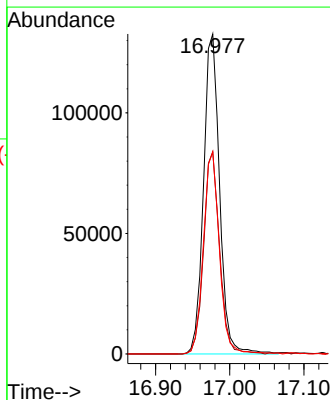
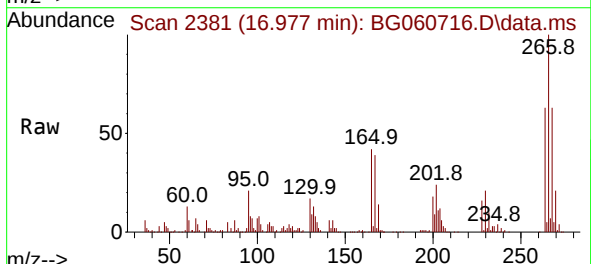
Instrument :
BNA_G
ClientSampleId :
DFTPP

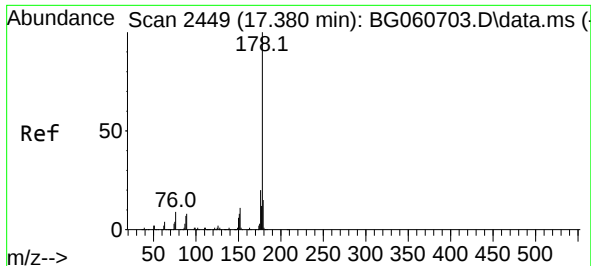
Tgt Ion:200 Resp: 36562
Ion Ratio Lower Upper
200 100
173 0.0 5.2 45.2#
215 0.0 28.8 68.8#



#70
Pentachlorophenol
Concen: 411689.790 ng
RT: 16.977 min Scan# 2381
Delta R.T. -0.003 min
Lab File: BG060716.D
Acq: 1 Apr 2024 15:24

Tgt Ion:266 Resp: 200041
Ion Ratio Lower Upper
266 100
268 63.1 52.2 78.4
264 63.2 51.8 77.6

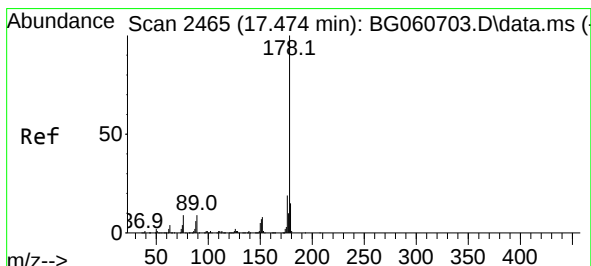
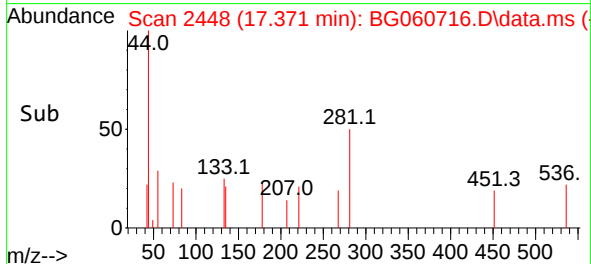
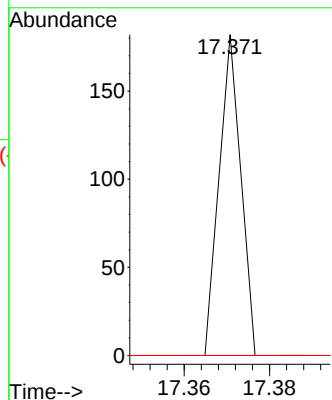
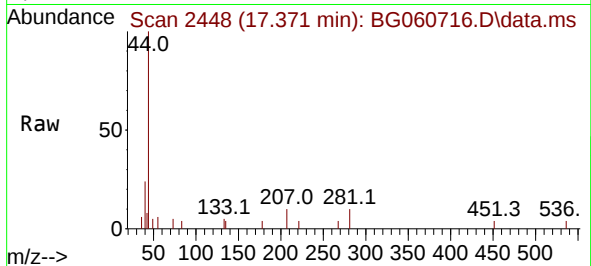




#71
Phenanthrene
Concen: 18.932 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.009 min
Lab File: BG060716.D
Acq: 1 Apr 2024 15:24

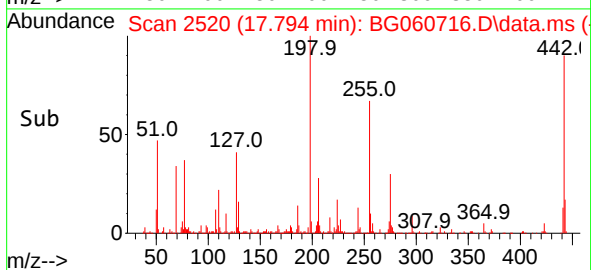
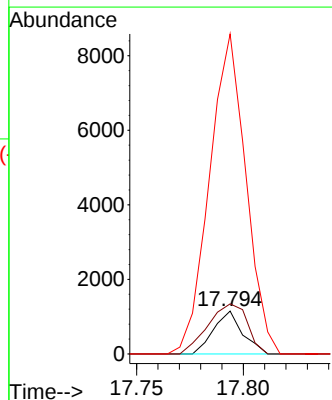
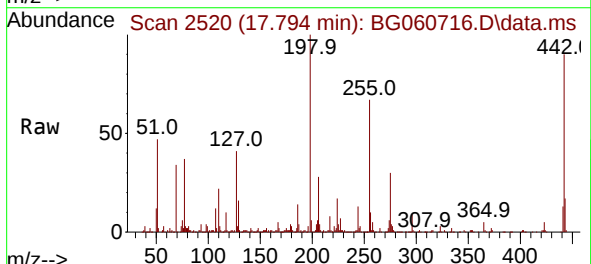
Instrument :
BNA_G
ClientSampleId :
DFTPP

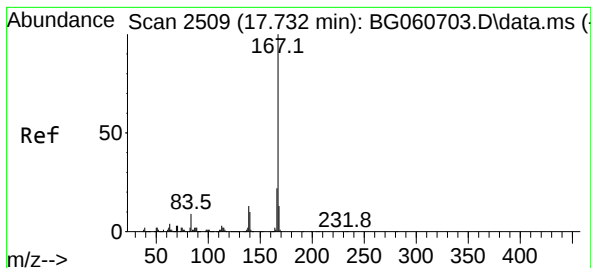
Tgt Ion:178 Resp: 64
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 0.0 12.2 18.4#



#72
Anthracene
Concen: 314.582 ng
RT: 17.794 min Scan# 2520
Delta R.T. 0.320 min
Lab File: BG060716.D
Acq: 1 Apr 2024 15:24

Tgt Ion:178 Resp: 1080
Ion Ratio Lower Upper
178 100
176 117.1 15.5 23.3#
179 747.8 12.2 18.2#





#73

Carbazole

Concen: 4349.929 ng

RT: 17.794 min Scan# 21

Delta R.T. 0.061 min

Lab File: BG060716.D

Acq: 1 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

DFTPP

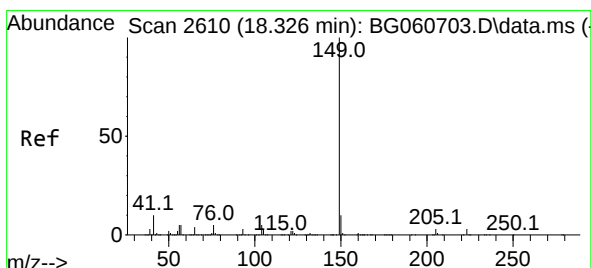
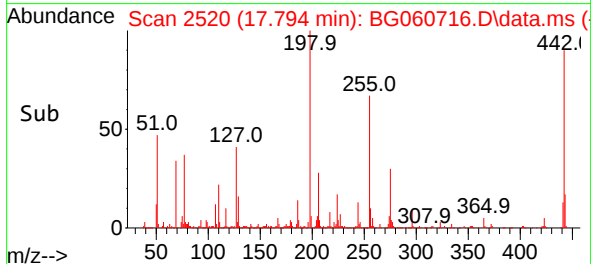
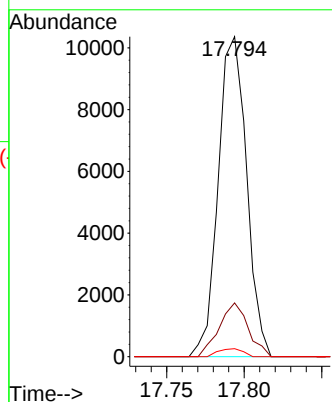
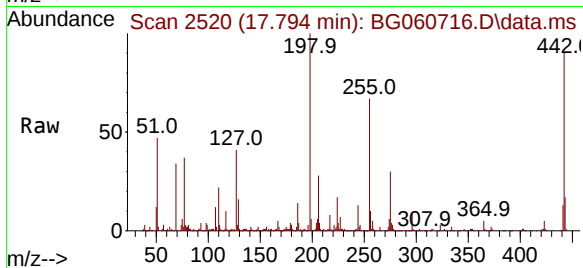
Tgt Ion:167 Resp: 13167

Ion Ratio Lower Upper

167 100

166 16.8 18.0 27.0#

139 2.5 10.5 15.7#



#74

Di-n-butylphthalate

Concen: 43.458 ng

RT: 18.311 min Scan# 2608

Delta R.T. -0.015 min

Lab File: BG060716.D

Acq: 1 Apr 2024 15:24

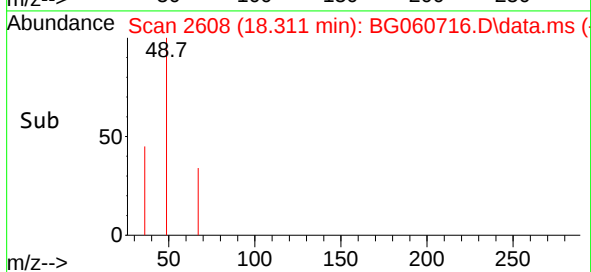
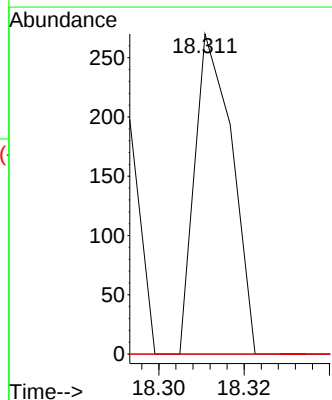
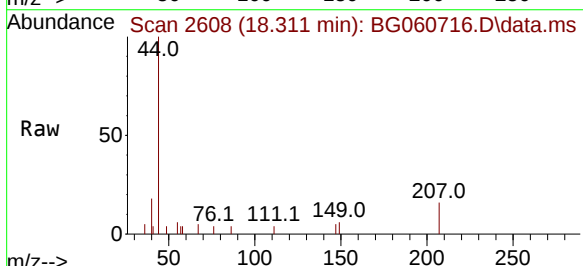
Tgt Ion:149 Resp: 164

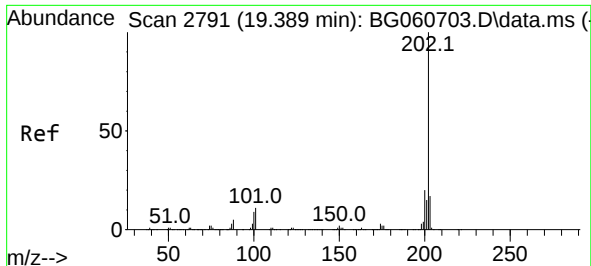
Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.2 6.4#

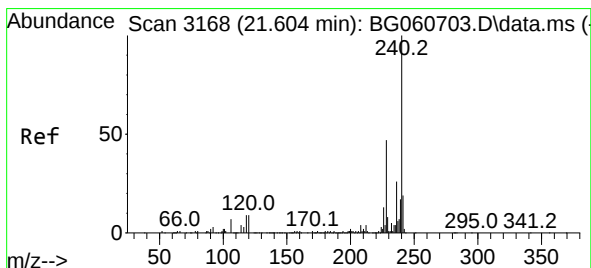
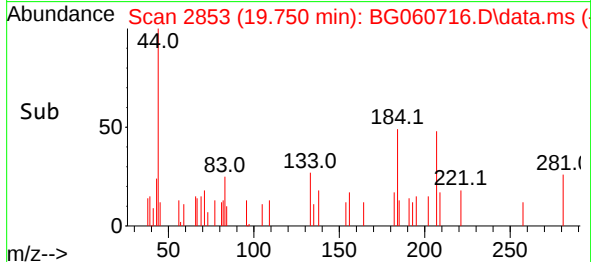
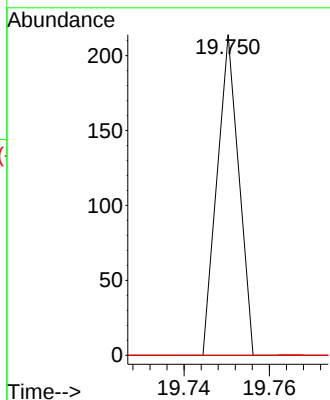
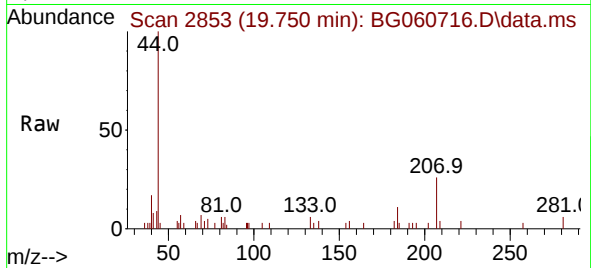




#75
Fluoranthene
Concen: 18.283 ng
RT: 19.750 min Scan# 21
Delta R.T. 0.361 min
Lab File: BG060716.D
Acq: 1 Apr 2024 15:24

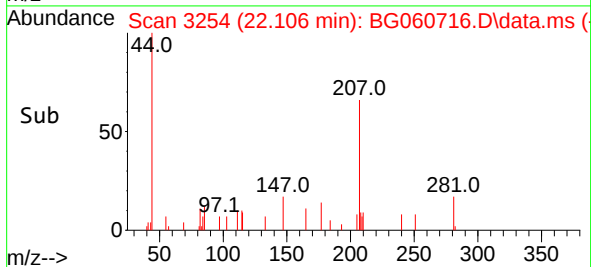
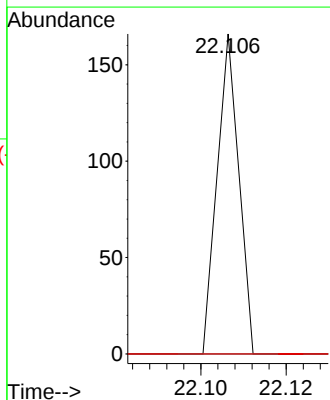
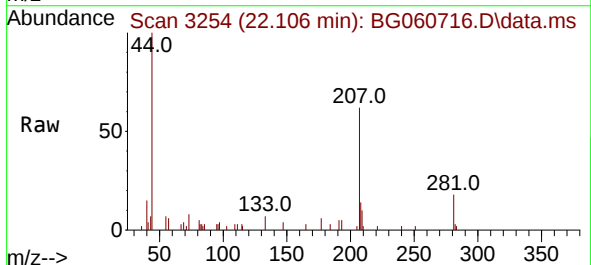
Instrument :
BNA_G
ClientSampleId :
DFTPP

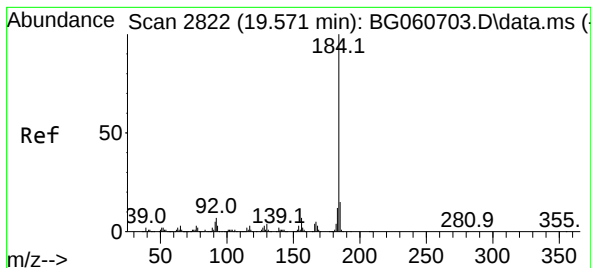
Tgt Ion:	202	Resp:	75
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.8
203	0.0	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.106 min Scan# 3254
Delta R.T. 0.502 min
Lab File: BG060716.D
Acq: 1 Apr 2024 15:24

Tgt Ion:	240	Resp:	59
Ion	Ratio	Lower	Upper
240	100		
120	0.0	7.1	10.7#
236	0.0	20.7	31.1#





#77

Benzidine

Concen: 819732.872 ng

RT: 19.568 min Scan# 2822

Delta R.T. -0.003 min

Lab File: BG060716.D

Acq: 1 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

DFTPP

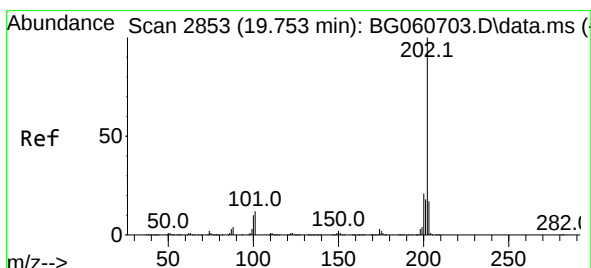
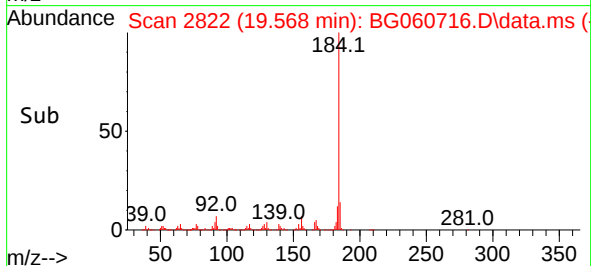
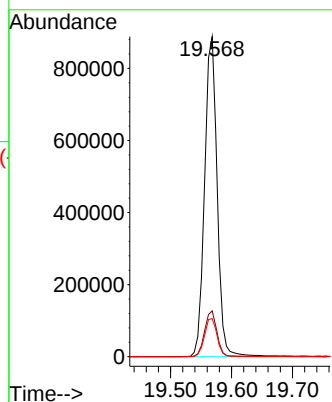
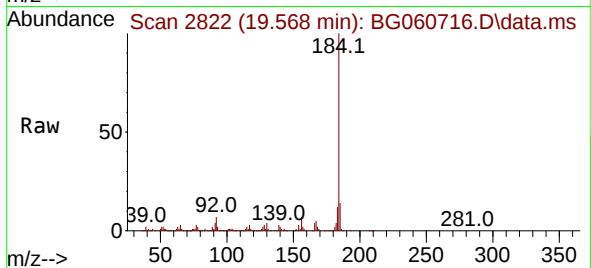
Tgt Ion:184 Resp: 1273535

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

183 11.9 9.5 14.3



#78

Pyrene

Concen: 18.176 ng

RT: 19.750 min Scan# 2853

Delta R.T. -0.003 min

Lab File: BG060716.D

Acq: 1 Apr 2024 15:24

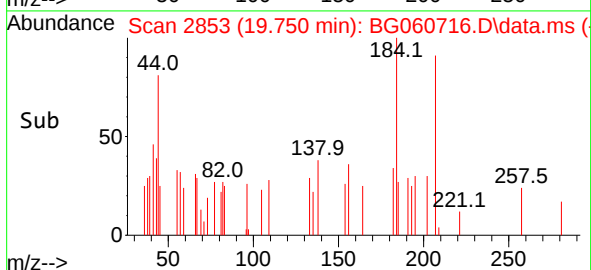
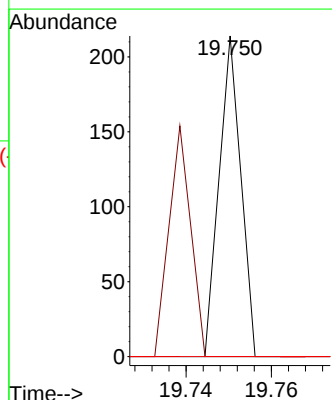
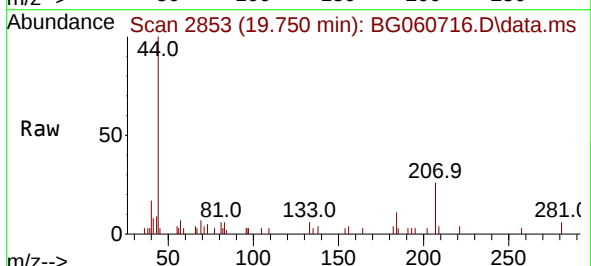
Tgt Ion:202 Resp: 75

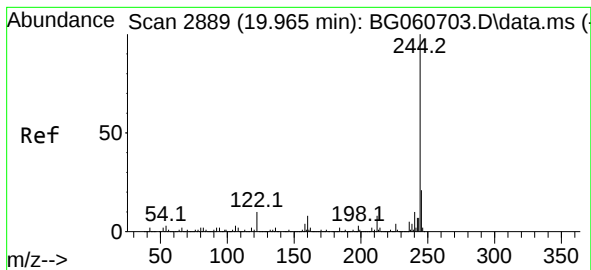
Ion Ratio Lower Upper

202 100

200 0.0 17.0 25.4#

203 0.0 14.0 21.0#





#79

Terphenyl-d14

Concen: 18.205 ng

RT: 20.784 min Scan# 3029

Delta R.T. 0.819 min

Lab File: BG060716.D

Acq: 1 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

DFTPP

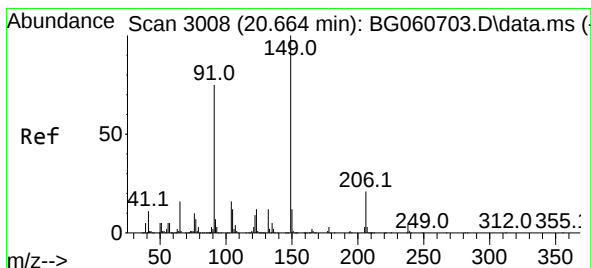
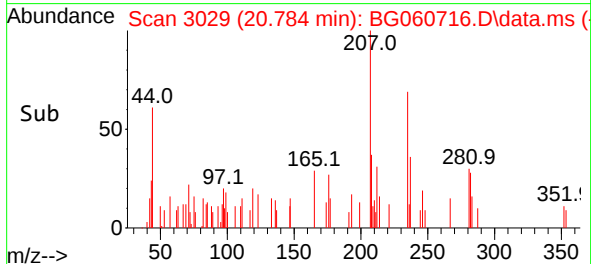
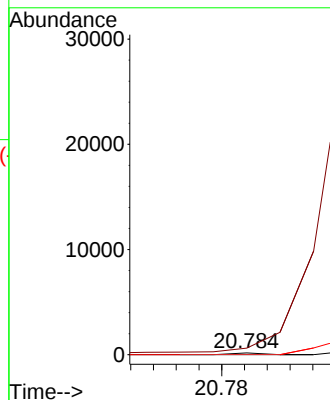
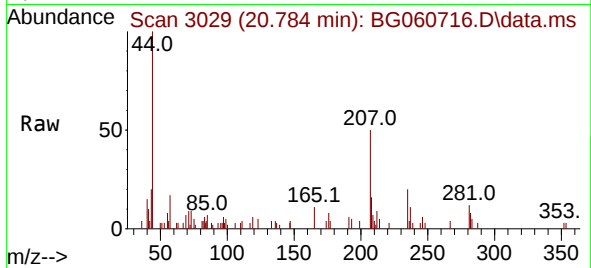
Tgt Ion:244 Resp: 61

Ion Ratio Lower Upper

244 100

212 362.6 6.2 9.2#

122 0.0 7.8 11.8#



#80

Butylbenzylphthalate

Concen: 5724.712 ng

RT: 20.814 min Scan# 3034

Delta R.T. 0.150 min

Lab File: BG060716.D

Acq: 1 Apr 2024 15:24

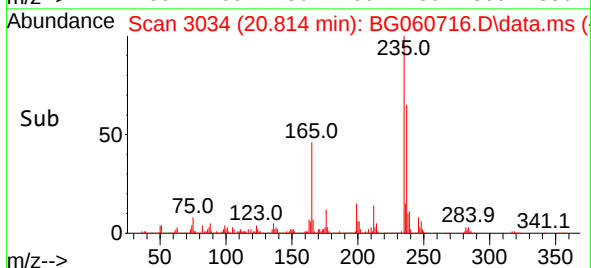
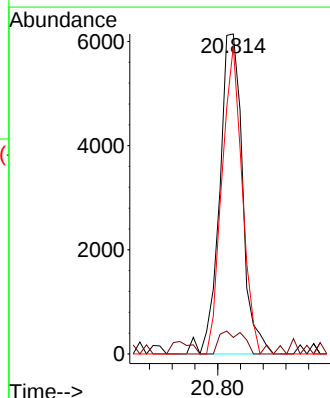
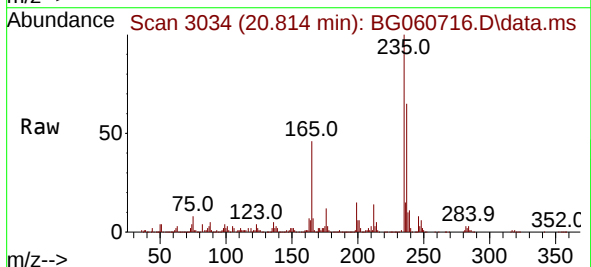
Tgt Ion:149 Resp: 8617

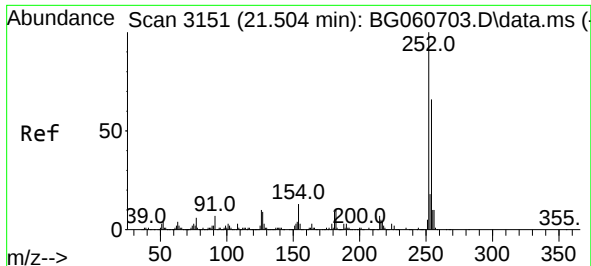
Ion Ratio Lower Upper

149 100

91 5.2 60.1 90.1#

206 96.1 16.8 25.2#

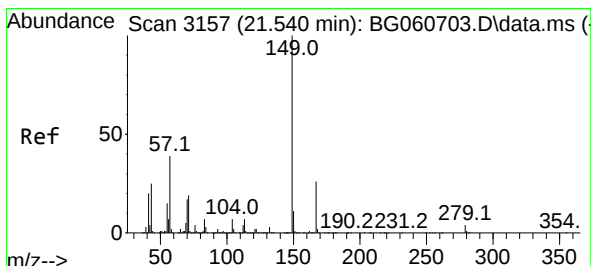
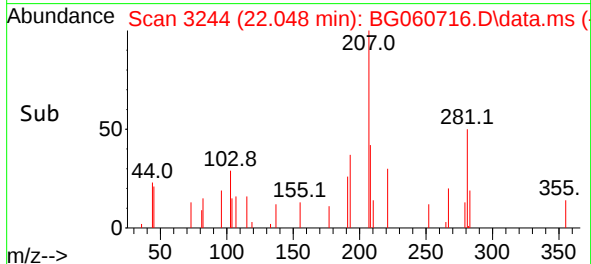
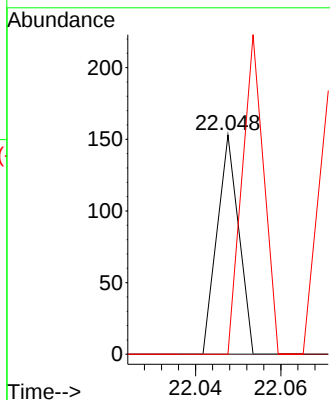
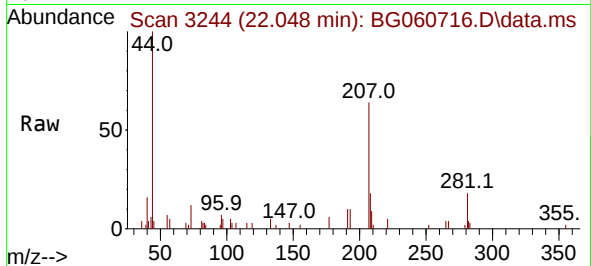




#82
 3,3'-Dichlorobenzidine
 Concen: 38.454 ng
 RT: 22.048 min Scan# 31
 Delta R.T. 0.543 min
 Lab File: BG060716.D
 Acq: 1 Apr 2024 15:24

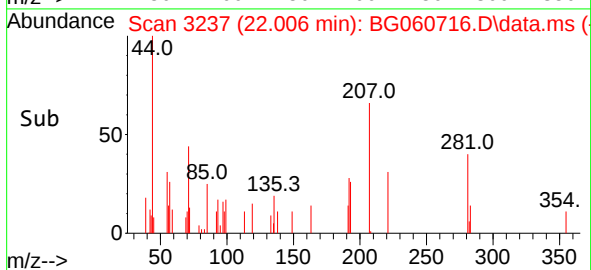
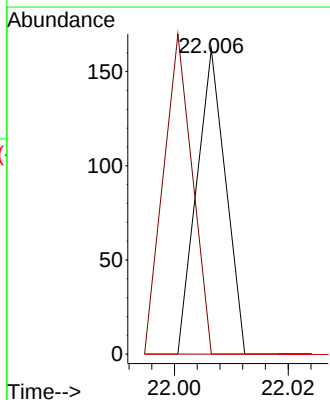
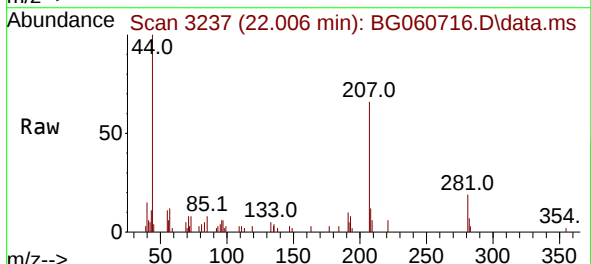
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

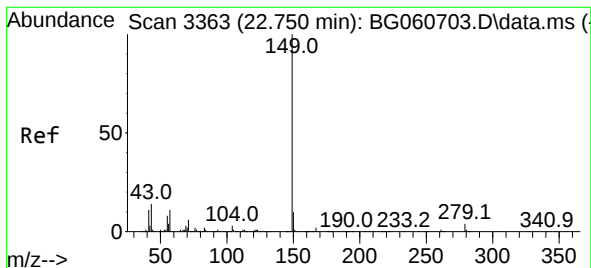
Tgt Ion:252 Resp: 54
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.6 78.8#
 126 0.0 7.8 11.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 23.759 ng
 RT: 22.006 min Scan# 3237
 Delta R.T. 0.467 min
 Lab File: BG060716.D
 Acq: 1 Apr 2024 15:24

Tgt Ion:149 Resp: 57
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.6 30.8#
 279 0.0 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 15.351 ng

RT: 23.270 min Scan# 34

Delta R.T. 0.520 min

Lab File: BG060716.D

Acq: 1 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

DFTTP

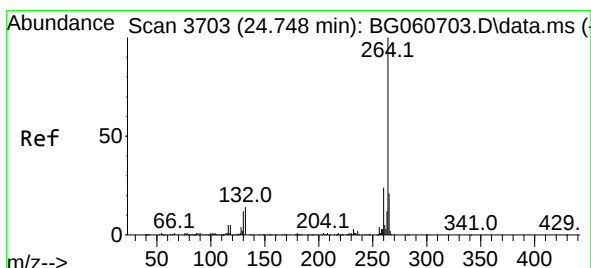
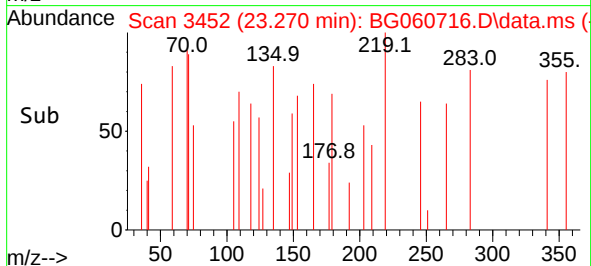
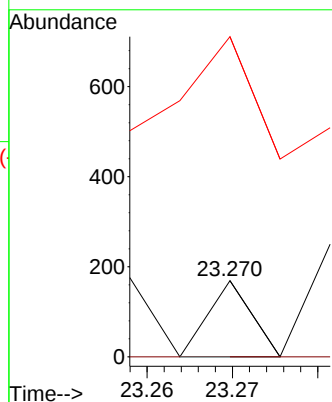
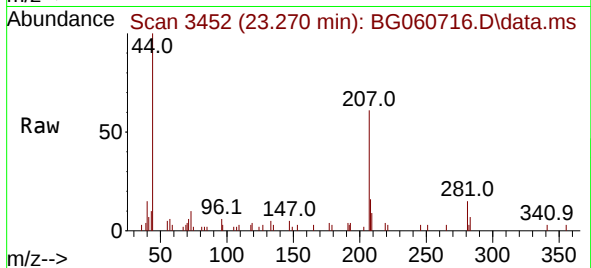
Tgt Ion:149 Resp: 60

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 11.3 16.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.238 min Scan# 3787

Delta R.T. 0.490 min

Lab File: BG060716.D

Acq: 1 Apr 2024 15:24

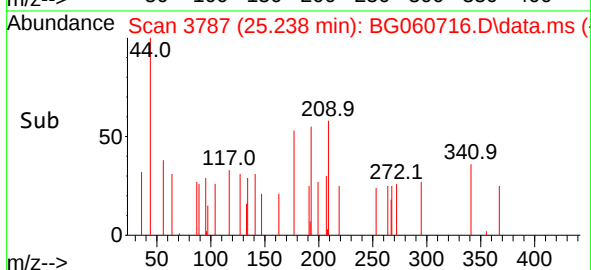
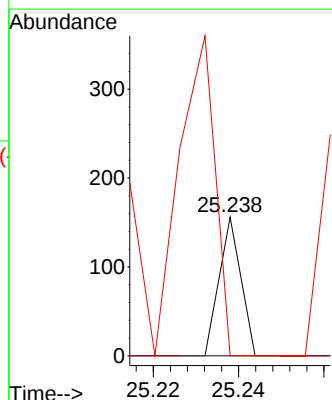
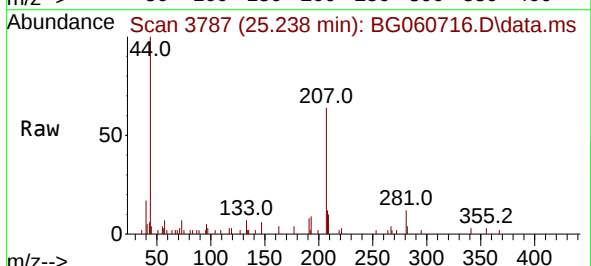
Tgt Ion:264 Resp: 55

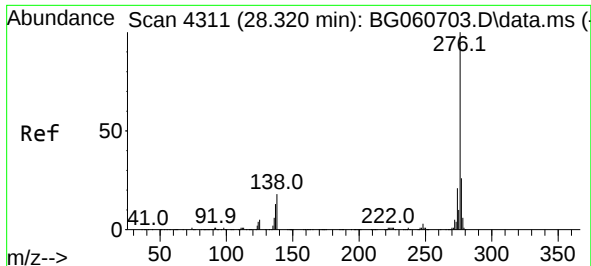
Ion Ratio Lower Upper

264 100

260 0.0 19.5 29.3#

265 0.0 16.9 25.3#

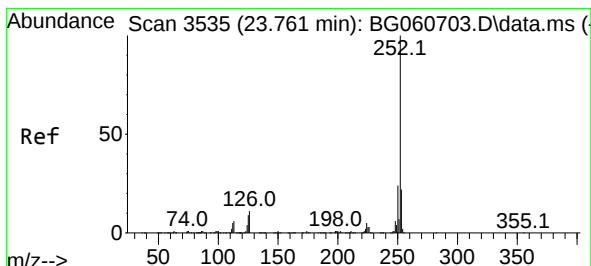
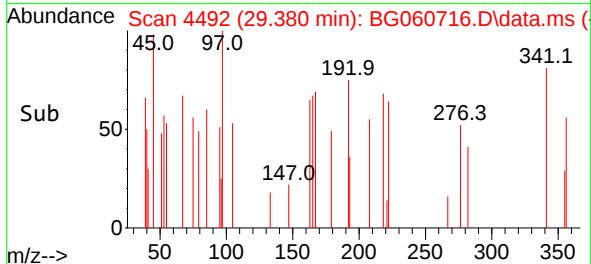
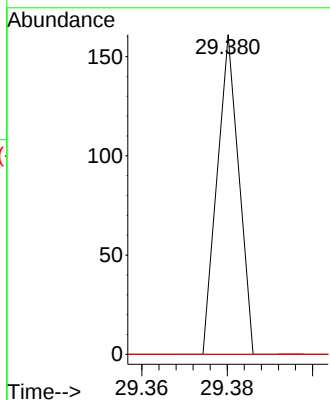
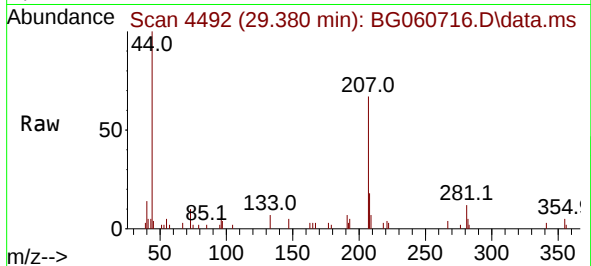




#87
Indeno(1,2,3-cd)pyrene
Concen: 14.717 ng
RT: 29.380 min Scan# 4492
Delta R.T. 1.060 min
Lab File: BG060716.D
Acq: 1 Apr 2024 15:24

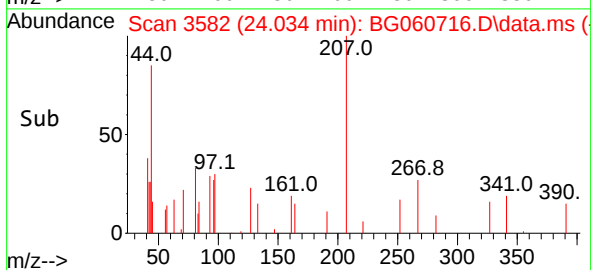
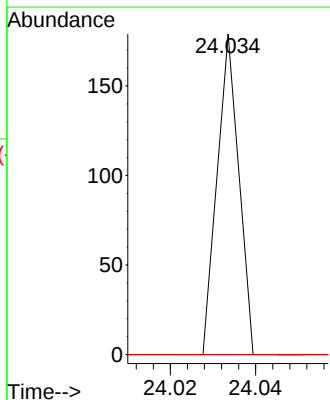
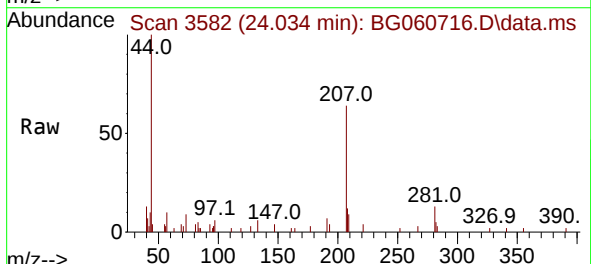
Instrument :
BNA_G
ClientSampleId :
DFTPP

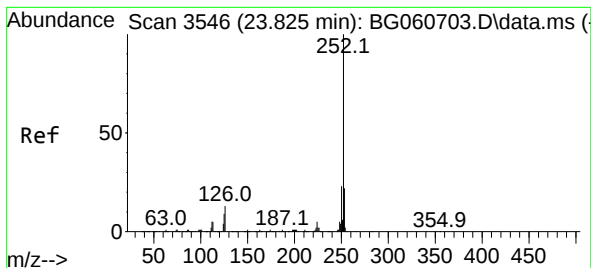
Tgt Ion:276 Resp: 57
Ion Ratio Lower Upper
276 100
138 0.0 12.4 18.6#
277 0.0 20.2 30.2#



#88
Benzo(b)fluoranthene
Concen: 19.938 ng
RT: 24.034 min Scan# 3582
Delta R.T. 0.273 min
Lab File: BG060716.D
Acq: 1 Apr 2024 15:24

Tgt Ion:252 Resp: 63
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 17.934 ng

RT: 24.480 min Scan# 3

Delta R.T. 0.655 min

Lab File: BG060716.D

Acq: 1 Apr 2024 15:24

Instrument :

BNA_G

ClientSampleId :

DFTPP

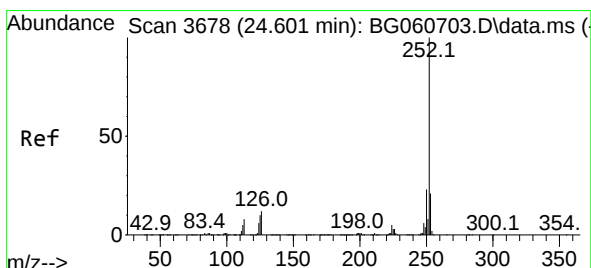
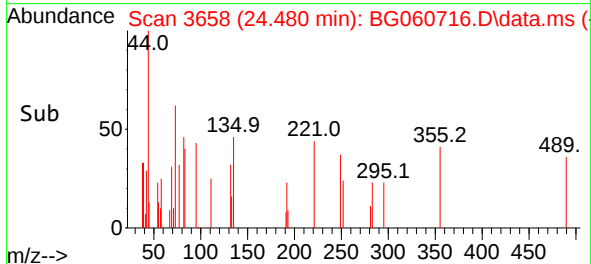
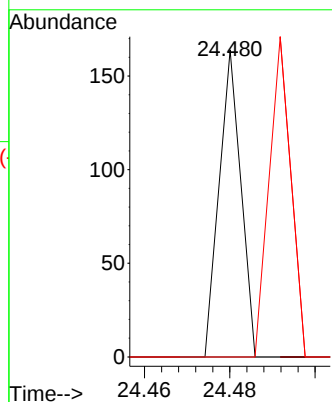
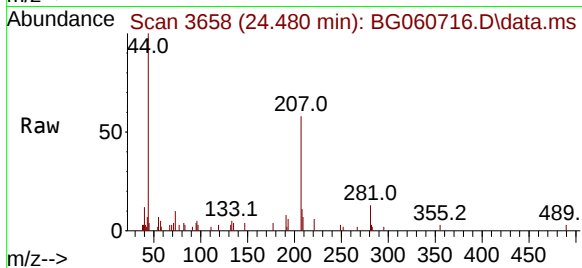
Tgt Ion:252 Resp: 58

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

125 0.0 7.5 11.3#



#90

Benzo(a)pyrene

Concen: 20.517 ng

RT: 25.162 min Scan# 3774

Delta R.T. 0.561 min

Lab File: BG060716.D

Acq: 1 Apr 2024 15:24

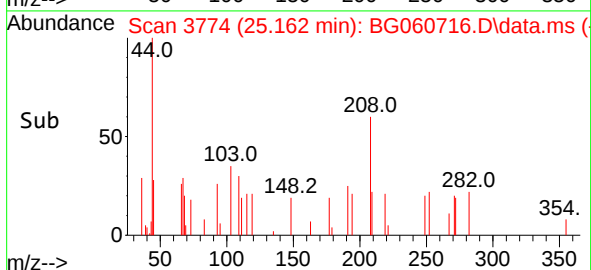
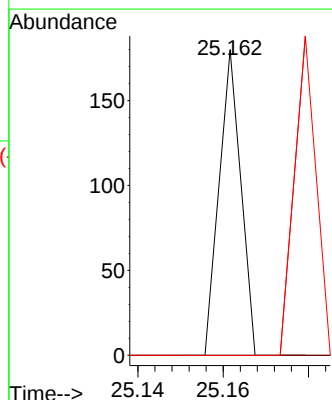
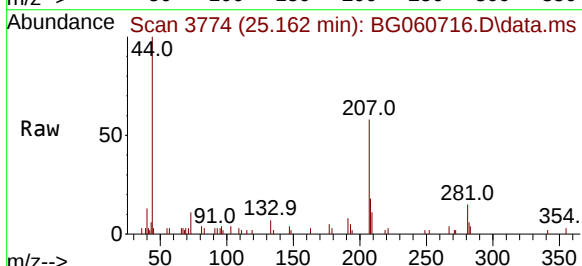
Tgt Ion:252 Resp: 63

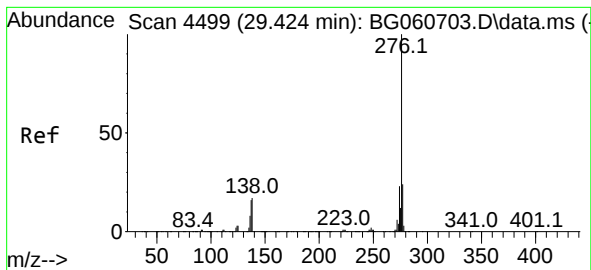
Ion Ratio Lower Upper

252 100

253 0.0 16.8 25.2#

125 0.0 7.6 11.4#





#92
 Benzo(g,h,i)perylene
 Concen: 19.521 ng
 RT: 30.068 min Scan# 4
 Delta R.T. 0.643 min
 Lab File: BG060716.D
 Acq: 1 Apr 2024 15:24

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:276 Resp: 62
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.9 28.3#
 138 0.0 14.0 21.0#

