

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060720.D
 Acq On : 1 Apr 2024 18:12
 Operator : MA/JU
 Sample : P1927-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11998

Quant Time: Apr 02 01:16:43 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)

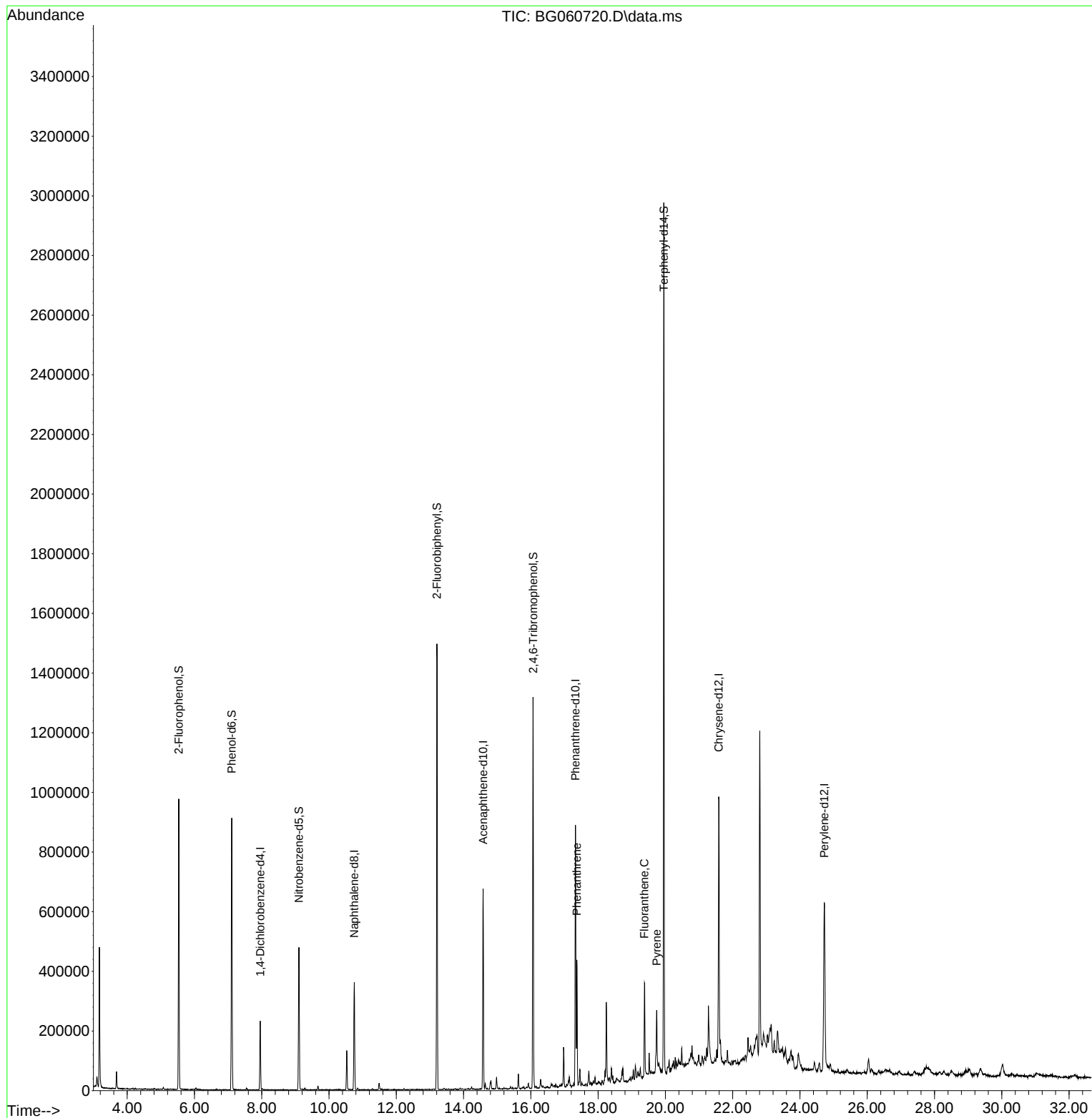
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	60267	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	287474	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	237669	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	552676	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	517048	20.000	ng	-0.02
86) Perylene-d12	24.724	264	599003	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	372949	103.090	ng	0.00
7) Phenol-d6	7.109	99	462849	86.191	ng	0.00
23) Nitrobenzene-d5	9.107	82	252549	50.129	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	236311	87.590	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	763515	47.148	ng	-0.01
79) Terphenyl-d14	19.953	244	1463827	49.851	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.368	178	255475	8.888	ng	100
75) Fluoranthene	19.377	202	193685	5.553	ng	99
78) Pyrene	19.741	202	131587	3.639	ng	99

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

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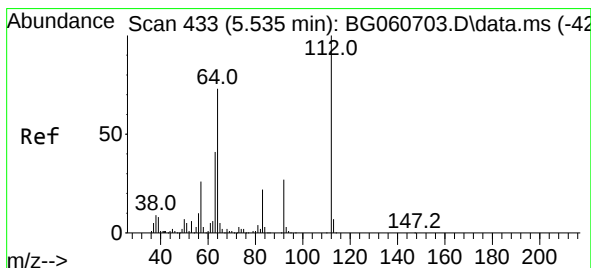
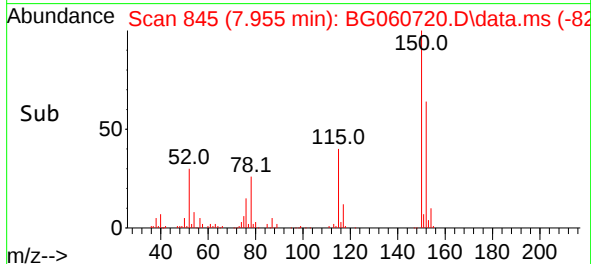
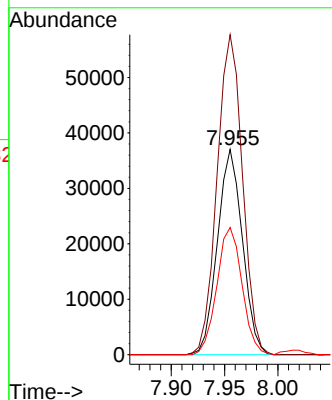
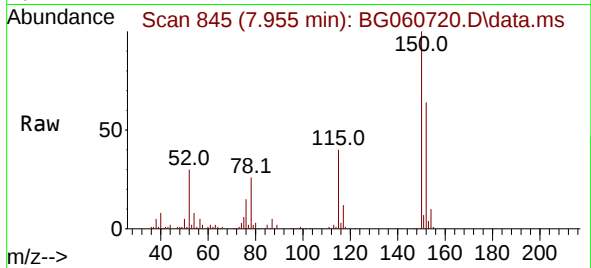




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

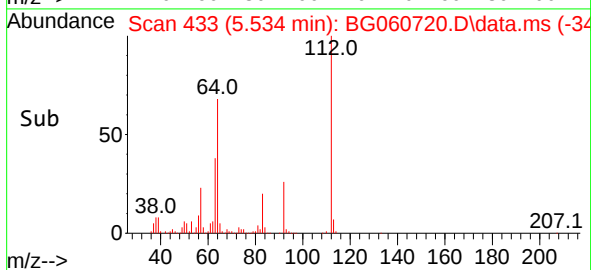
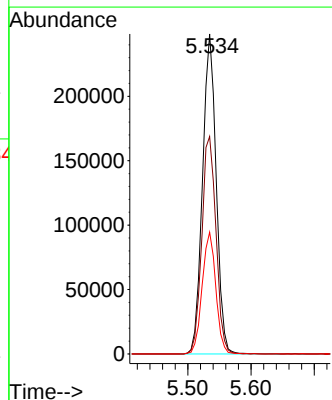
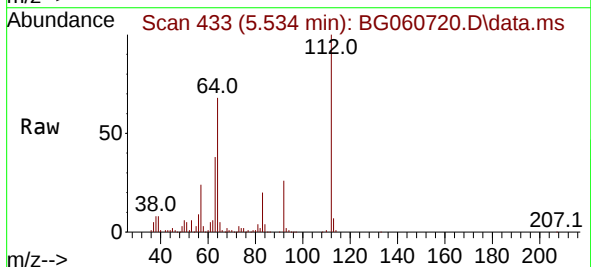
Instrument :
BNA_G
ClientSampleId :
72-11998

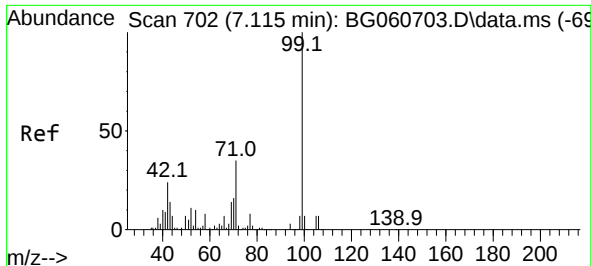
Tgt Ion:152 Resp: 60267
Ion Ratio Lower Upper
152 100
150 155.9 130.2 195.4
115 62.0 51.6 77.4



#5
2-Fluorophenol
Concen: 103.090 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Tgt Ion:112 Resp: 372949
Ion Ratio Lower Upper
112 100
64 67.9 58.4 87.6
63 38.0 32.7 49.1

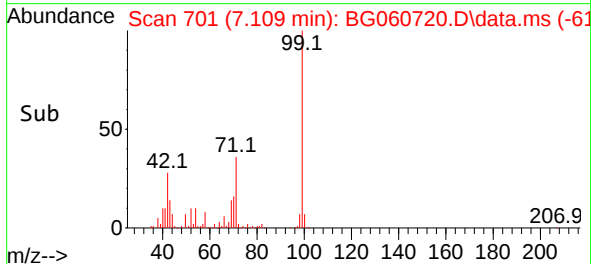
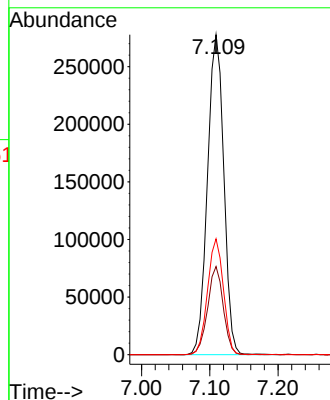
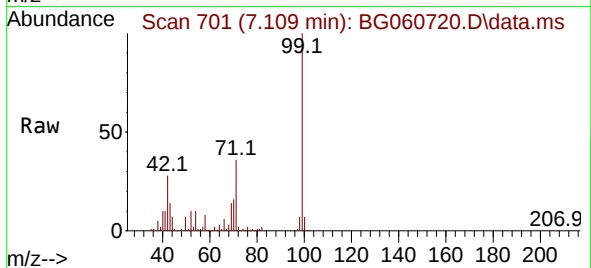




#7
Phenol-d6
Concen: 86.191 ng
RT: 7.109 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

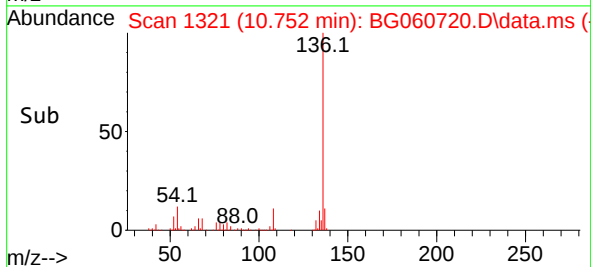
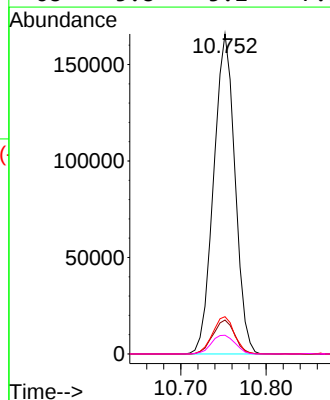
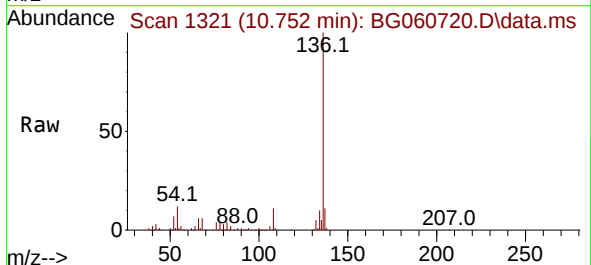
Instrument :
BNA_G
ClientSampleId :
72-11998

Tgt Ion: 99 Resp: 462849
Ion Ratio Lower Upper
99 100
42 27.6 19.4 29.2
71 36.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Tgt Ion:136 Resp: 287474
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 11.6 10.2 15.2
68 5.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 50.129 ng

RT: 9.107 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BG060720.D

Acq: 1 Apr 2024 18:12

Instrument :

BNA_G

ClientSampleId :

72-11998

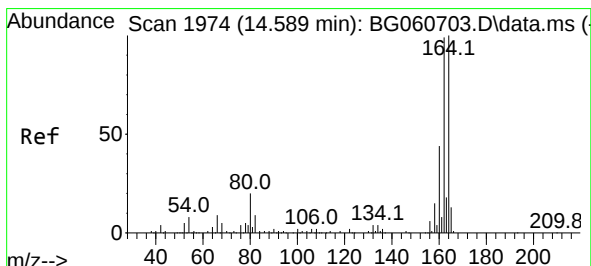
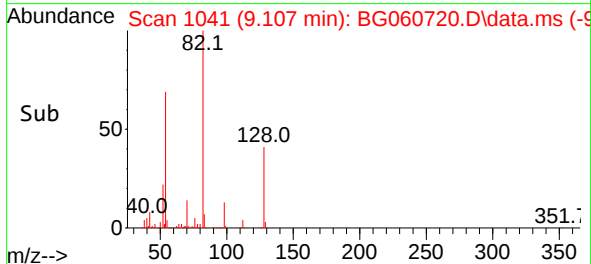
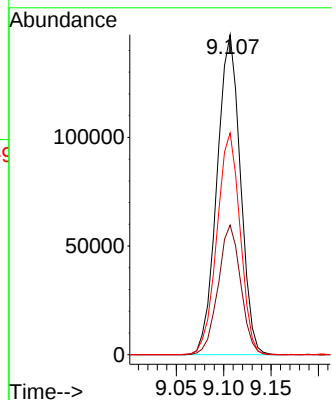
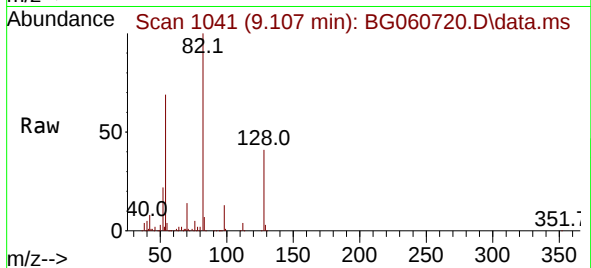
Tgt Ion: 82 Resp: 252549

Ion Ratio Lower Upper

82 100

128 40.5 31.2 46.8

54 69.3 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BG060720.D

Acq: 1 Apr 2024 18:12

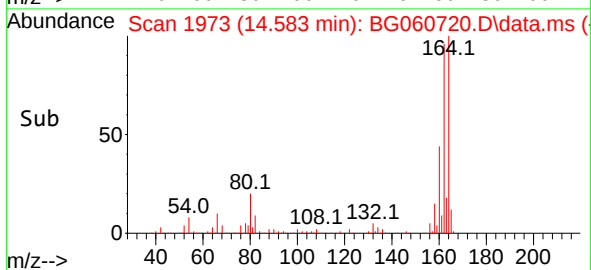
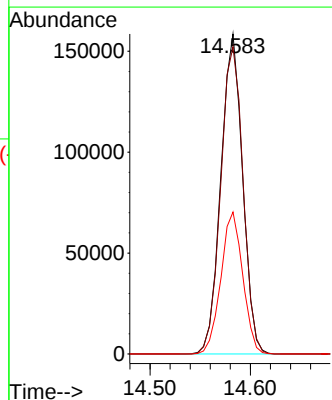
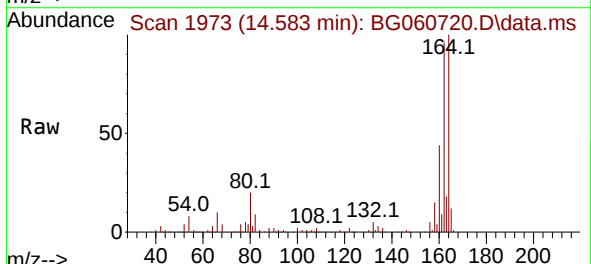
Tgt Ion: 164 Resp: 237669

Ion Ratio Lower Upper

164 100

162 96.0 79.5 119.3

160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 87.590 ng

RT: 16.069 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060720.D

Acq: 1 Apr 2024 18:12

Instrument :

BNA_G

ClientSampleId :

72-11998

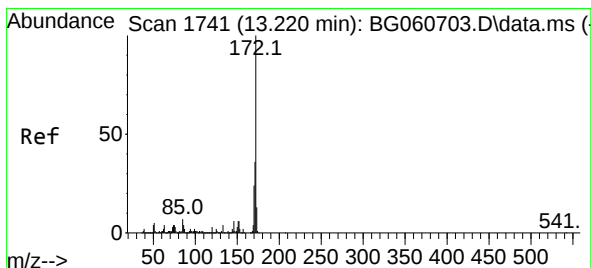
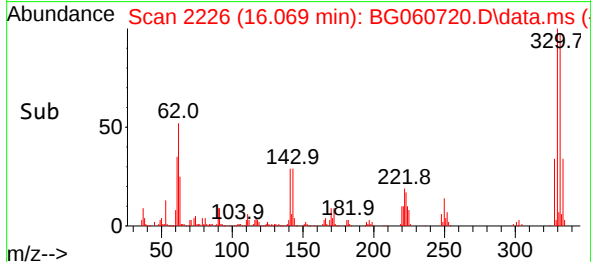
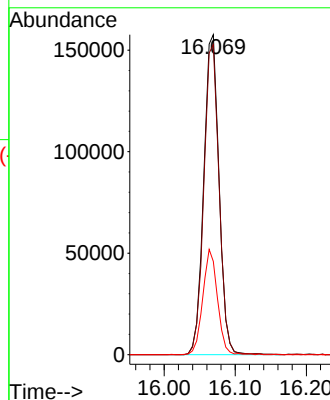
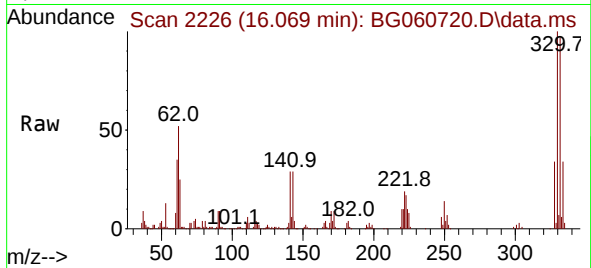
Tgt Ion:330 Resp: 236311

Ion Ratio Lower Upper

330 100

332 96.8 78.2 117.4

141 31.6 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 47.148 ng

RT: 13.208 min Scan# 1739

Delta R.T. -0.012 min

Lab File: BG060720.D

Acq: 1 Apr 2024 18:12

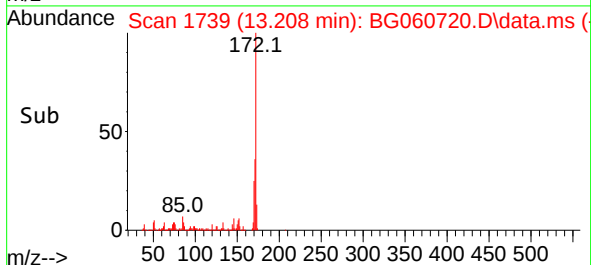
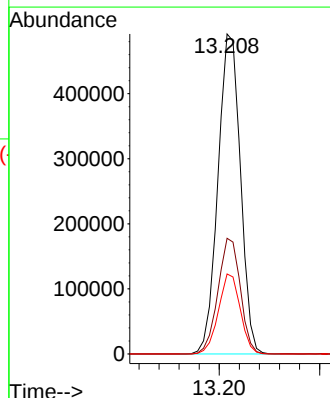
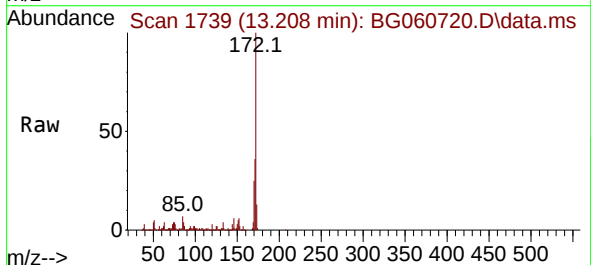
Tgt Ion:172 Resp: 763515

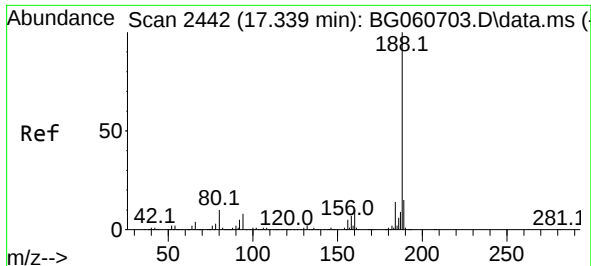
Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 25.0 19.4 29.0

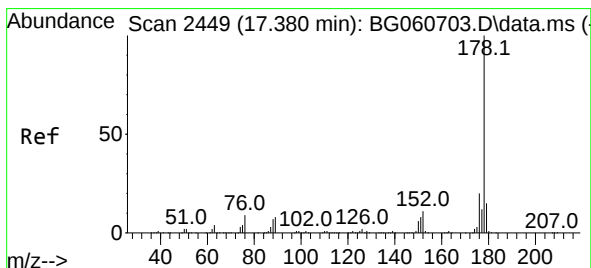
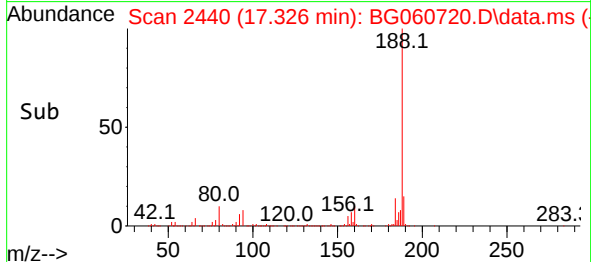
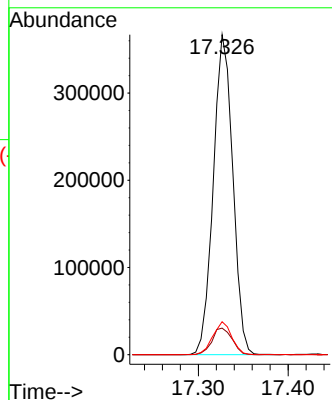
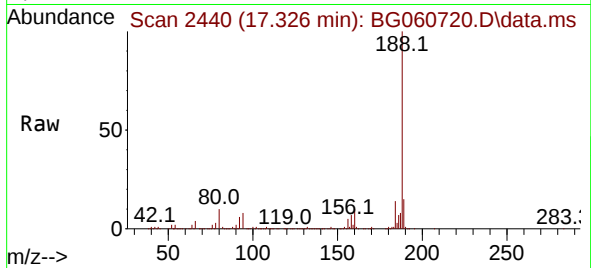




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.326 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

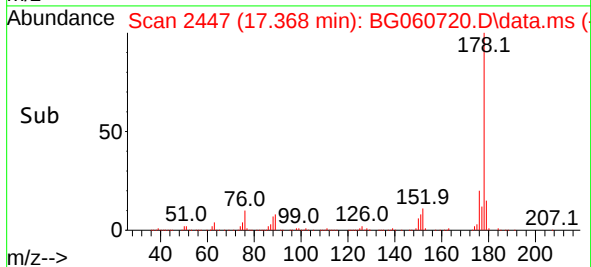
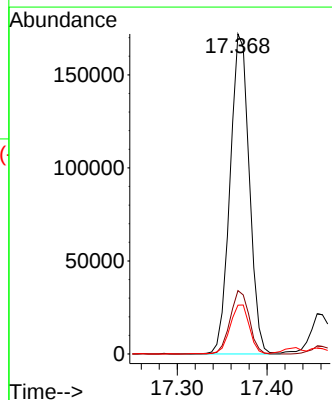
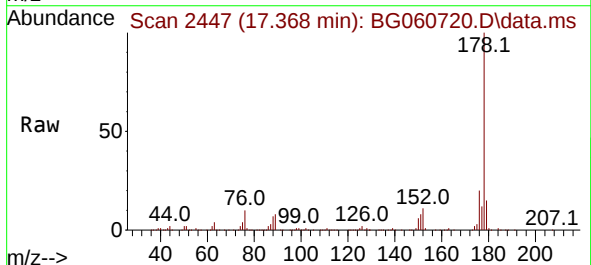
Instrument :
BNA_G
ClientSampleId :
72-11998

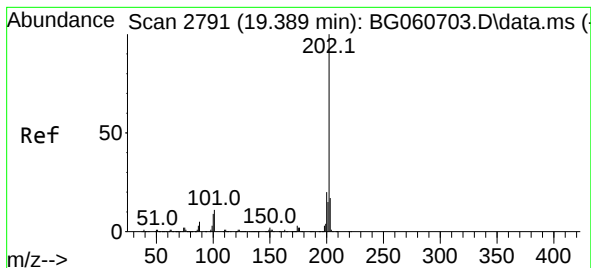
Tgt Ion:188 Resp: 552676
Ion Ratio Lower Upper
188 100
94 8.3 6.6 9.8
80 10.3 7.6 11.4



#71
Phenanthrene
Concen: 8.888 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.012 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Tgt Ion:178 Resp: 255475
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.2 12.2 18.4





#75

Fluoranthene

Concen: 5.553 ng

RT: 19.377 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG060720.D

Acq: 1 Apr 2024 18:12

Instrument :

BNA_G

ClientSampleId :

72-11998

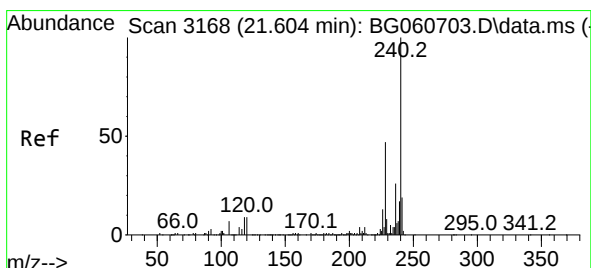
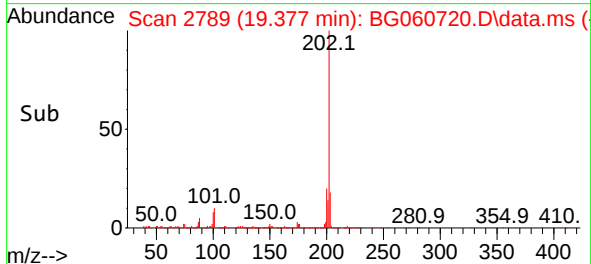
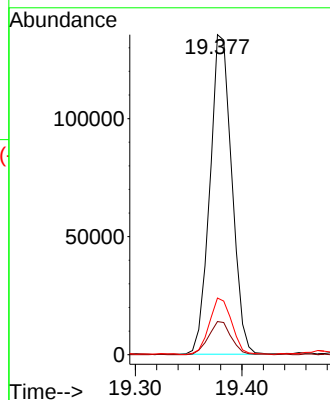
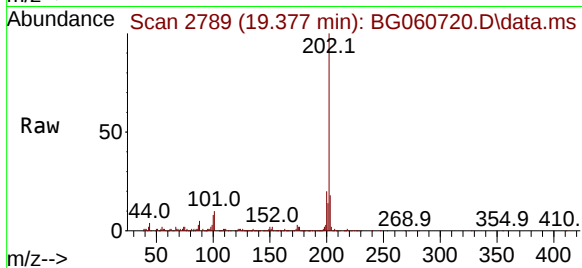
Tgt Ion:202 Resp: 193685

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.8

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3165

Delta R.T. -0.018 min

Lab File: BG060720.D

Acq: 1 Apr 2024 18:12

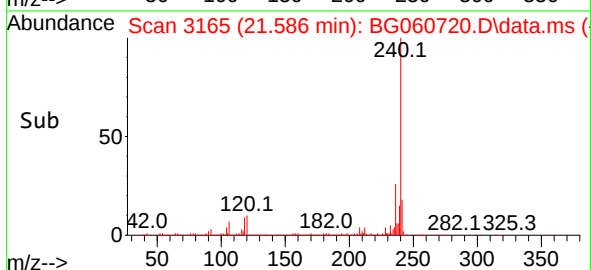
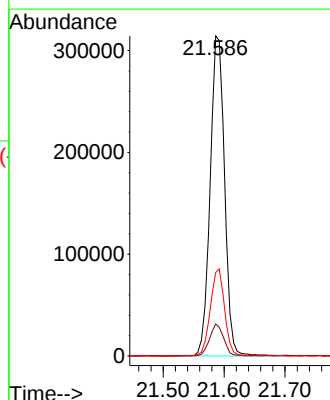
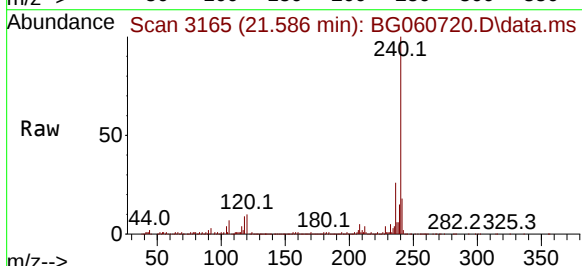
Tgt Ion:240 Resp: 517048

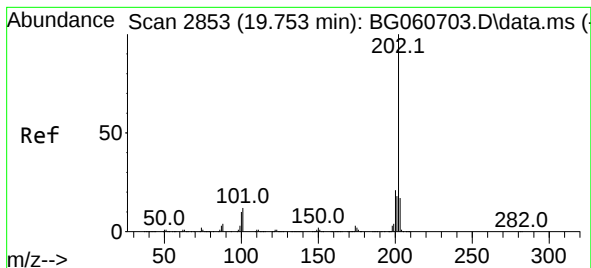
Ion Ratio Lower Upper

240 100

120 10.0 7.1 10.7

236 26.1 20.7 31.1





#78

Pyrene

Concen: 3.639 ng

RT: 19.741 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BG060720.D

Acq: 1 Apr 2024 18:12

Instrument :

BNA_G

ClientSampleId :

72-11998

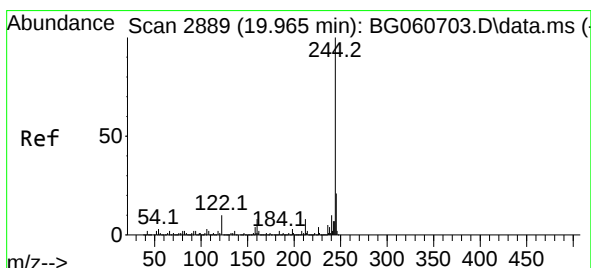
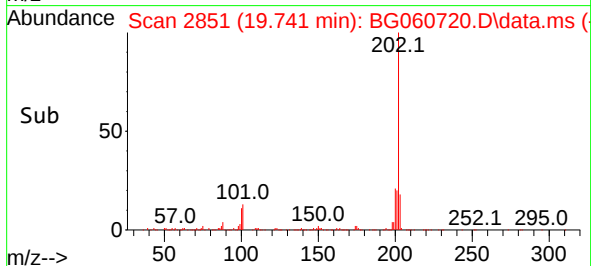
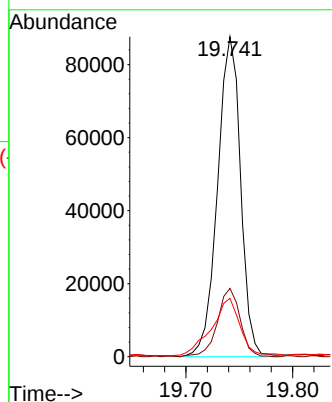
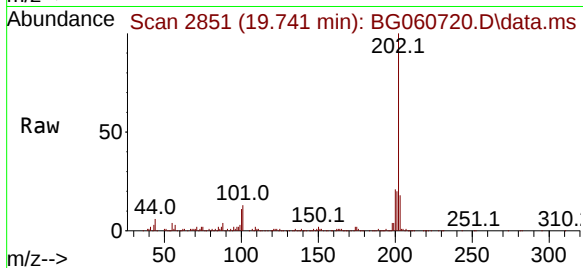
Tgt Ion:202 Resp: 131587

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 18.3 14.0 21.0



#79

Terphenyl-d14

Concen: 49.851 ng

RT: 19.953 min Scan# 2887

Delta R.T. -0.012 min

Lab File: BG060720.D

Acq: 1 Apr 2024 18:12

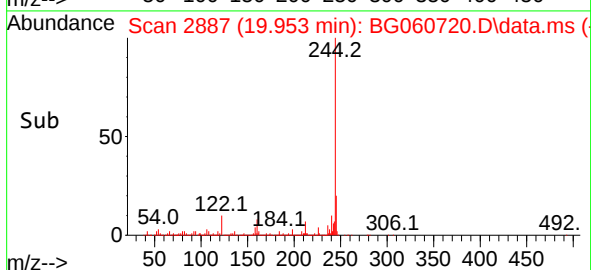
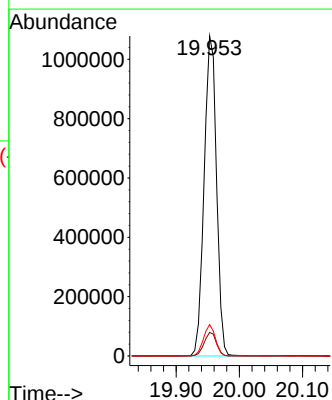
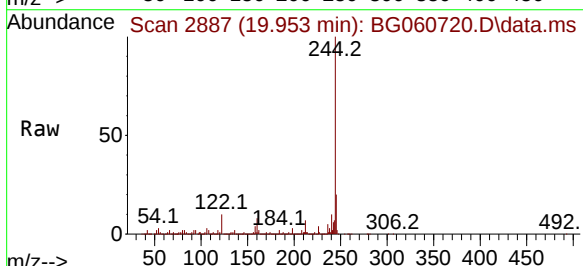
Tgt Ion:244 Resp: 1463827

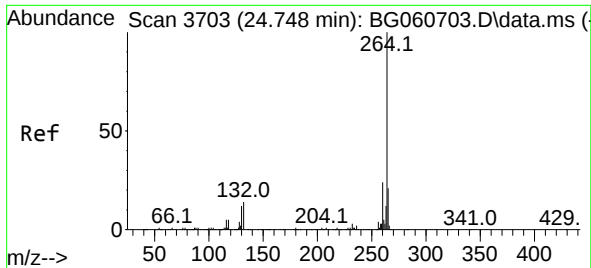
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 9.8 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 30
Delta R.T. -0.024 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Instrument :
BNA_G
ClientSampleId :
72-11998

Tgt Ion:264 Resp: 599003

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.4	16.9	25.3

