

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060878.D
Acq On : 12 Apr 2024 17:42
Operator : MA/JU
Sample : P2070-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-5

Quant Time: Apr 12 18:14:37 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	7.952	152	55112	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	216578	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	165218	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	390407	20.000	ng	0.00
76) Chrysene-d12	21.589	240	368406	20.000	ng	-0.02
86) Perylene-d12	24.733	264	411315	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	390572	118.060	ng	0.00
7) Phenol-d6	7.118	99	487678	99.309	ng	0.00
23) Nitrobenzene-d5	9.104	82	408896	107.731	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	334606	178.410	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	1002412	89.044	ng	-0.02
79) Terphenyl-d14	19.956	244	1870092	89.383	ng	0.00

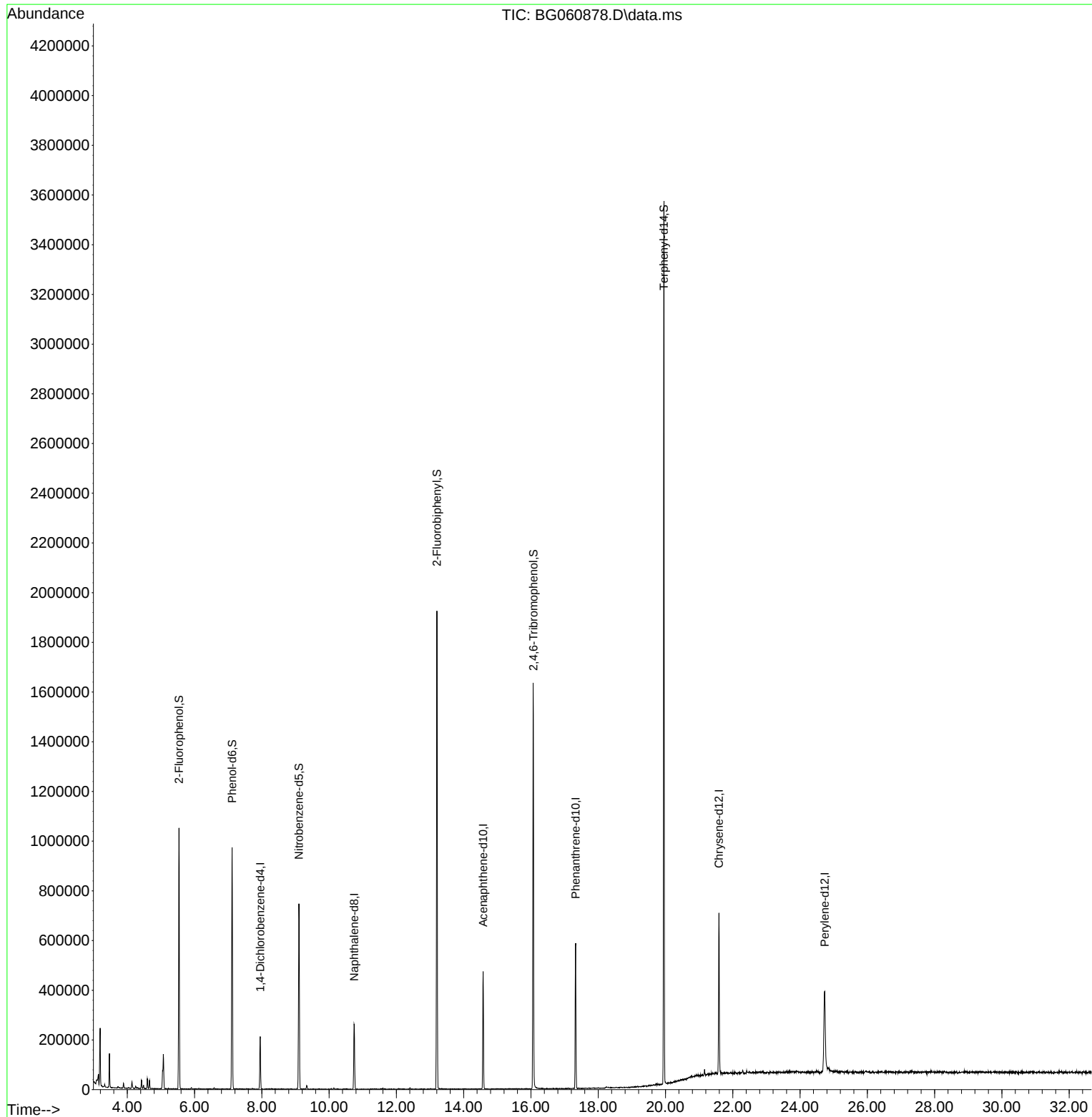
Target Compounds	Qvalue

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

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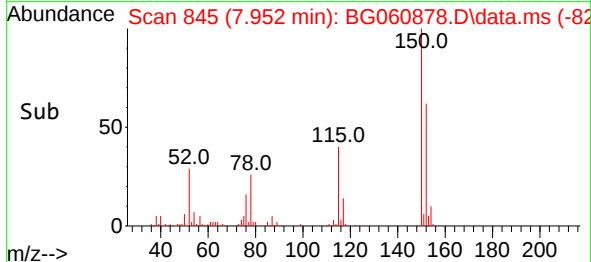
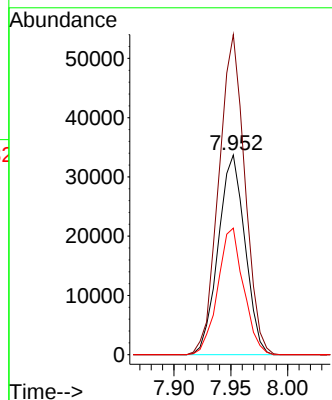
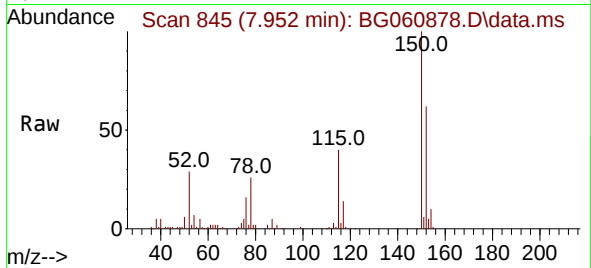




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.952 min Scan# 846
 Delta R.T. -0.009 min
 Lab File: BG060878.D
 Acq: 12 Apr 2024 17:42

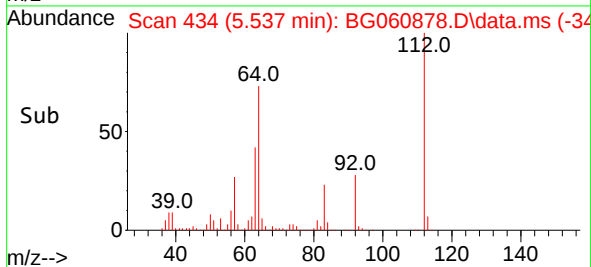
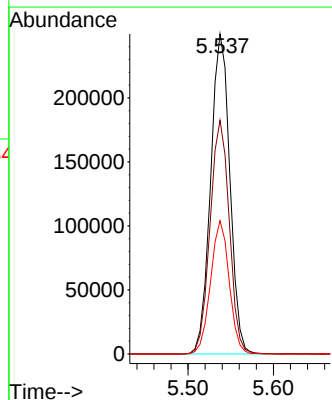
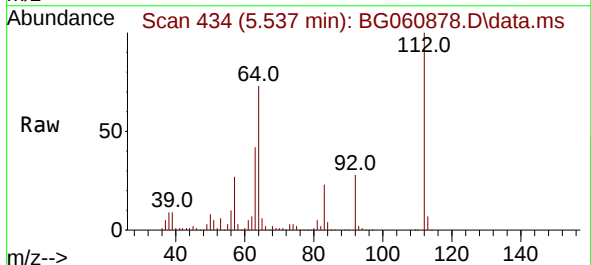
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

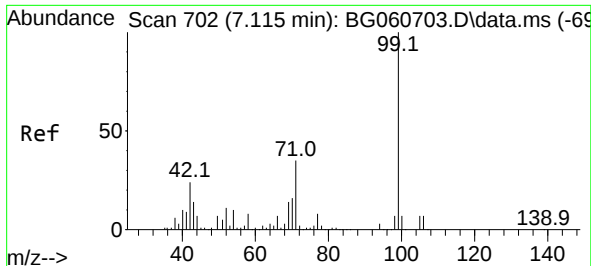
Tgt Ion:152 Resp: 55112
 Ion Ratio Lower Upper
 152 100
 150 160.3 130.2 195.4
 115 63.4 51.6 77.4



#5
 2-Fluorophenol
 Concen: 118.060 ng
 RT: 5.537 min Scan# 434
 Delta R.T. 0.003 min
 Lab File: BG060878.D
 Acq: 12 Apr 2024 17:42

Tgt Ion:112 Resp: 390572
 Ion Ratio Lower Upper
 112 100
 64 73.0 58.4 87.6
 63 41.7 32.7 49.1

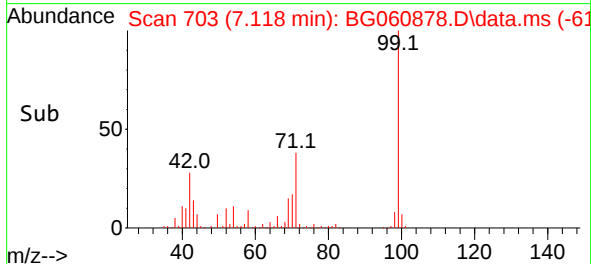
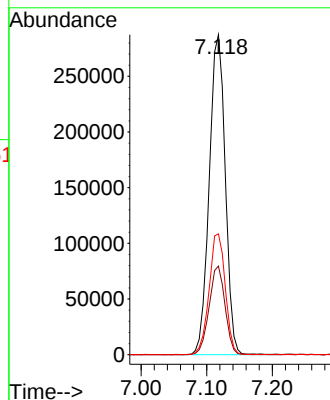
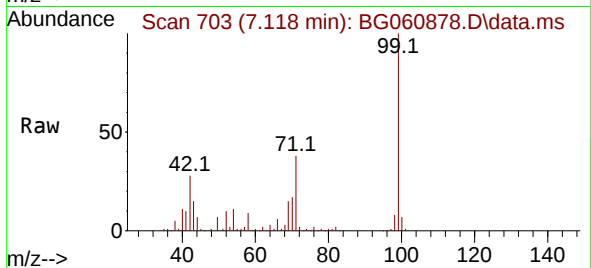




#7
Phenol-d6
Concen: 99.309 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060878.D
Acq: 12 Apr 2024 17:42

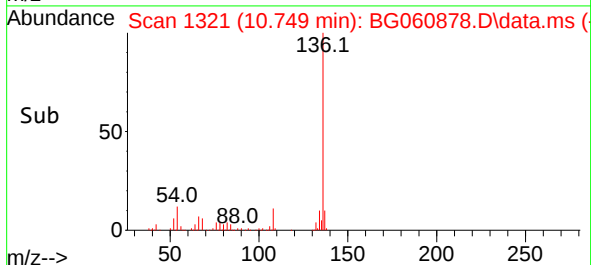
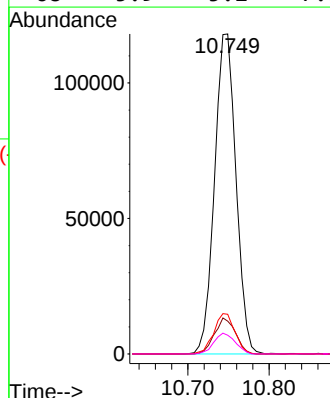
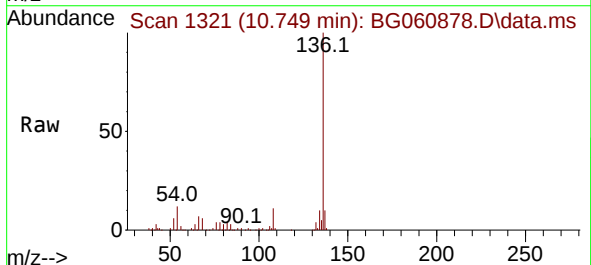
Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 487678
Ion Ratio Lower Upper
99 100
42 27.7 19.4 29.2
71 37.8 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1321
Delta R.T. -0.009 min
Lab File: BG060878.D
Acq: 12 Apr 2024 17:42

Tgt Ion:136 Resp: 216578
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 12.4 10.2 15.2
68 5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 107.731 ng

RT: 9.104 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG060878.D

Acq: 12 Apr 2024 17:42

Instrument :

BNA_G

ClientSampleId :

TP-5

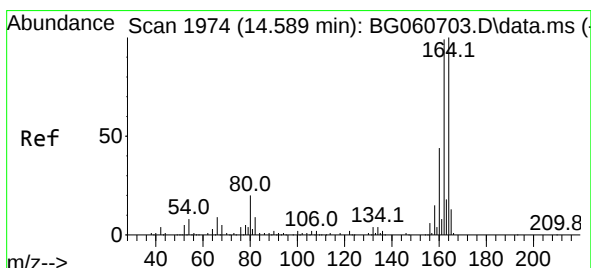
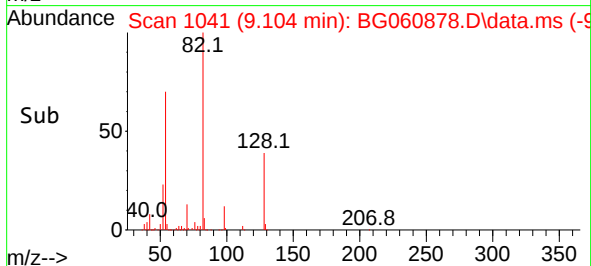
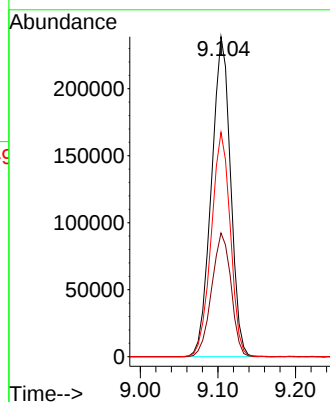
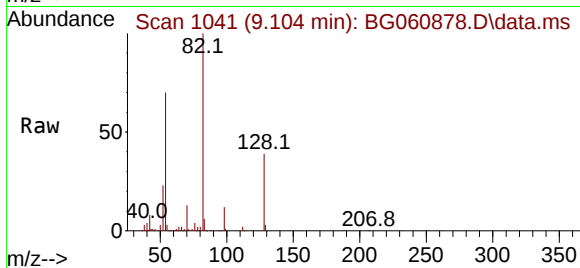
Tgt Ion: 82 Resp: 408896

Ion Ratio Lower Upper

82 100

128 38.7 31.2 46.8

54 70.1 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1973

Delta R.T. -0.009 min

Lab File: BG060878.D

Acq: 12 Apr 2024 17:42

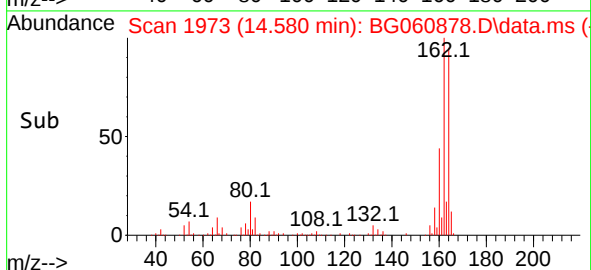
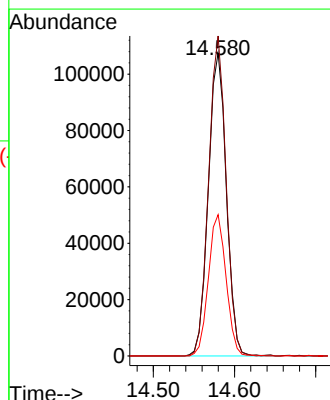
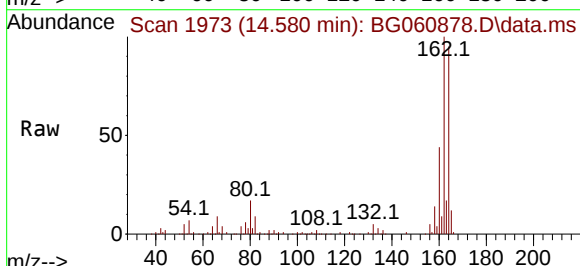
Tgt Ion:164 Resp: 165218

Ion Ratio Lower Upper

164 100

162 105.6 79.5 119.3

160 46.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 178.410 ng

RT: 16.072 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060878.D

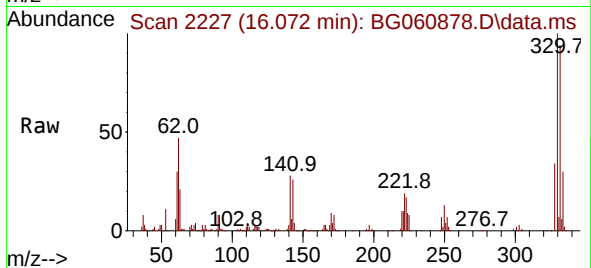
Acq: 12 Apr 2024 17:42

Instrument :

BNA_G

ClientSampleId :

TP-5



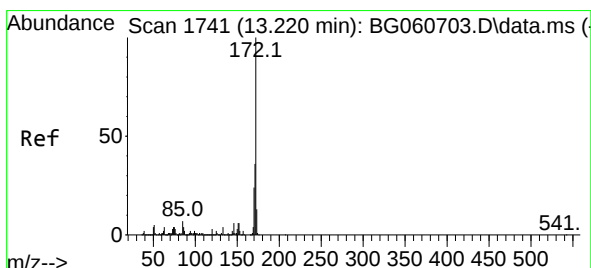
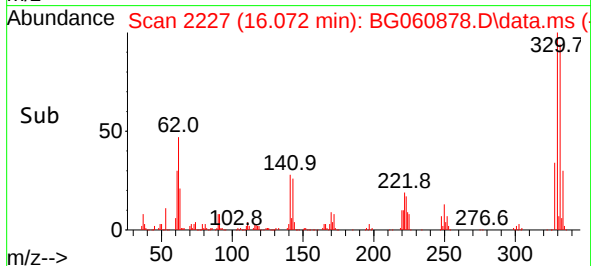
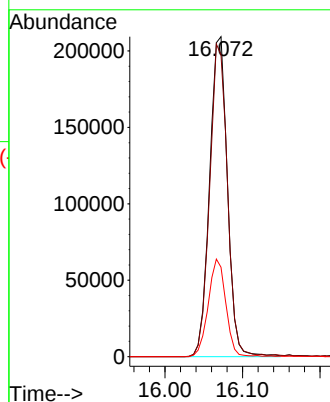
Tgt Ion:330 Resp: 334606

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.4

141 30.1 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 89.044 ng

RT: 13.205 min Scan# 1739

Delta R.T. -0.015 min

Lab File: BG060878.D

Acq: 12 Apr 2024 17:42

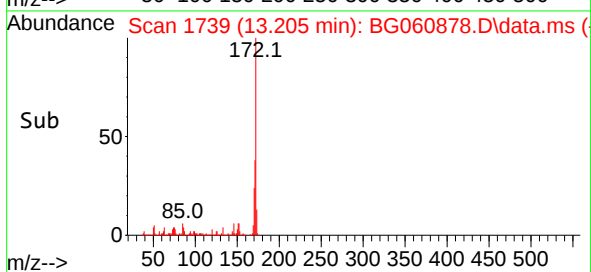
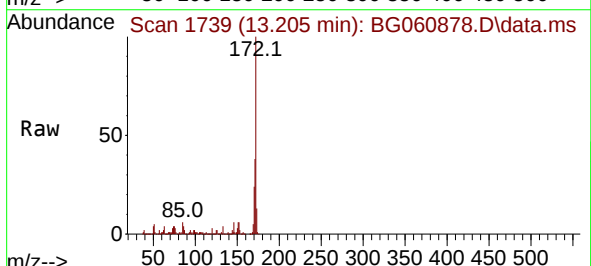
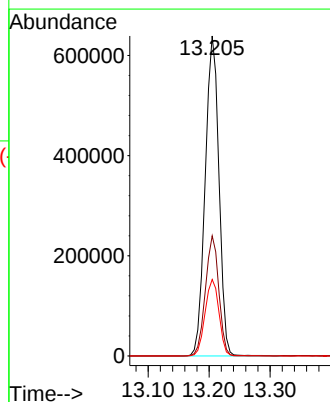
Tgt Ion:172 Resp: 1002412

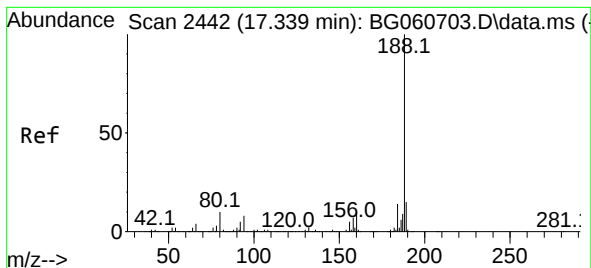
Ion Ratio Lower Upper

172 100

171 37.6 28.7 43.1

170 23.9 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.329 min Scan# 2441

Delta R.T. -0.009 min

Lab File: BG060878.D

Acq: 12 Apr 2024 17:42

Instrument :

BNA_G

ClientSampleId :

TP-5

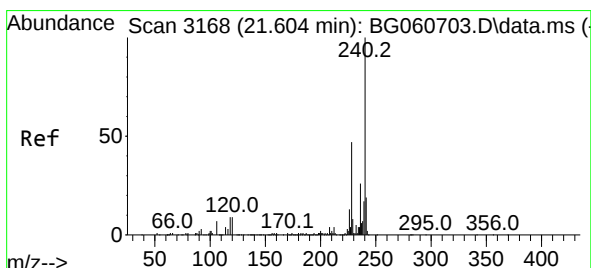
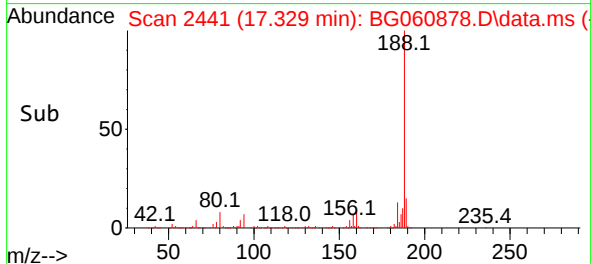
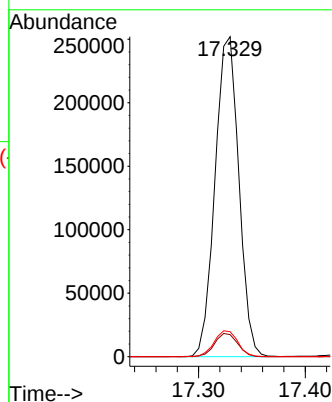
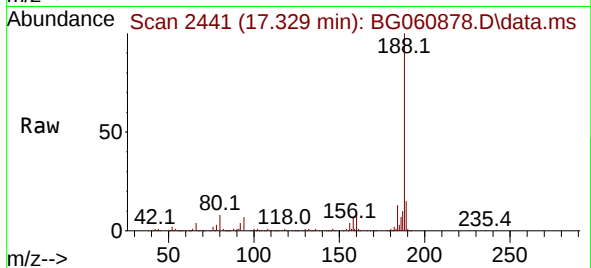
Tgt Ion:188 Resp: 390407

Ion Ratio Lower Upper

188 100

94 6.9 6.6 9.8

80 7.8 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3166

Delta R.T. -0.015 min

Lab File: BG060878.D

Acq: 12 Apr 2024 17:42

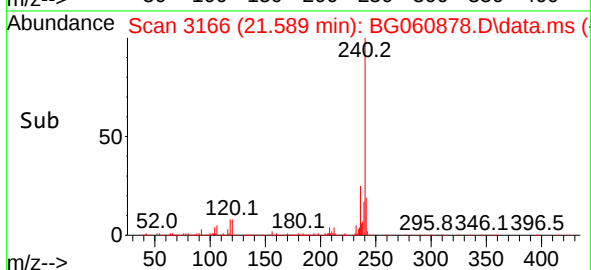
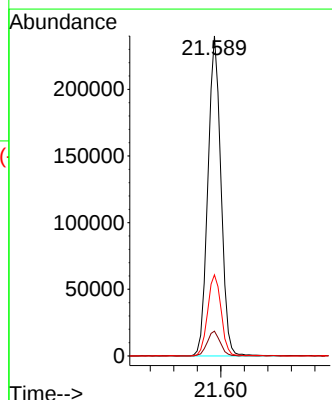
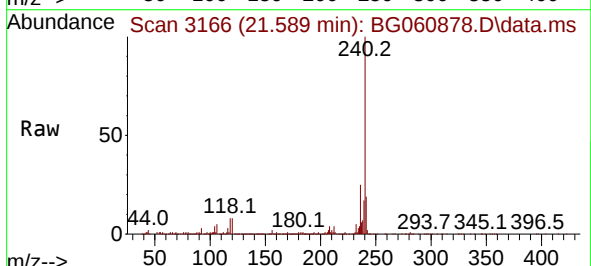
Tgt Ion:240 Resp: 368406

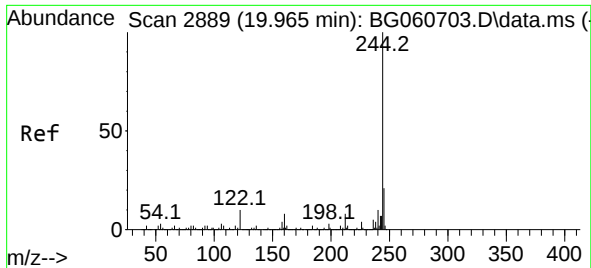
Ion Ratio Lower Upper

240 100

120 7.7 7.1 10.7

236 25.4 20.7 31.1

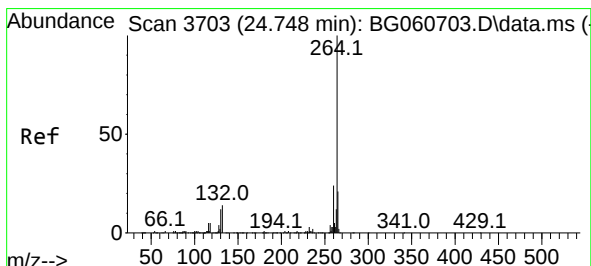
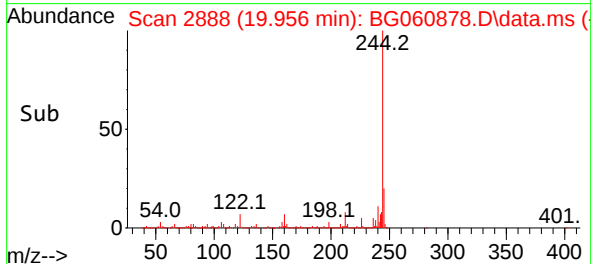
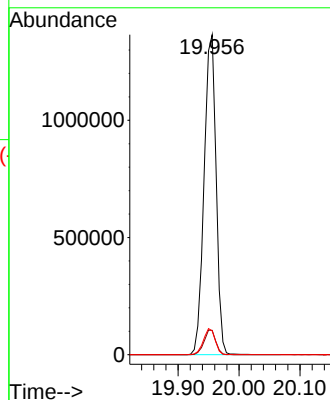
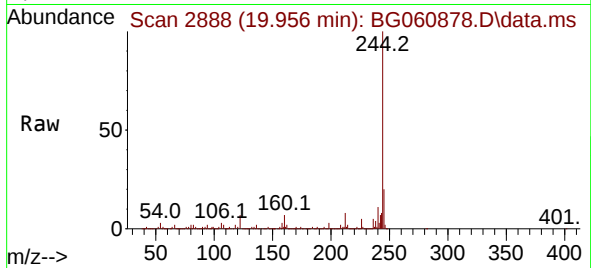




#79
 Terphenyl-d14
 Concen: 89.383 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG060878.D
 Acq: 12 Apr 2024 17:42

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 1870092
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.5 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.733 min Scan# 3701
 Delta R.T. -0.015 min
 Lab File: BG060878.D
 Acq: 12 Apr 2024 17:42

Tgt Ion:264 Resp: 411315
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.8 16.9 25.3

