

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060748.D
Acq On : 2 Apr 2024 22:07
Operator : MA/JU
Sample : P1927-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11998

Quant Time: Apr 03 00:44:56 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	7.953	152	59849	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	230550	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	168057	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	431789	20.000	ng	0.00
76) Chrysene-d12	21.590	240	448798	20.000	ng	-0.01
86) Perylene-d12	24.728	264	526887	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	440670	122.660	ng	0.00
7) Phenol-d6	7.113	99	546567	102.491	ng	0.00
23) Nitrobenzene-d5	9.105	82	410451	101.587	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	328655	172.276	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	938417	81.951	ng	-0.01
79) Terphenyl-d14	19.957	244	2151281	84.404	ng	0.00

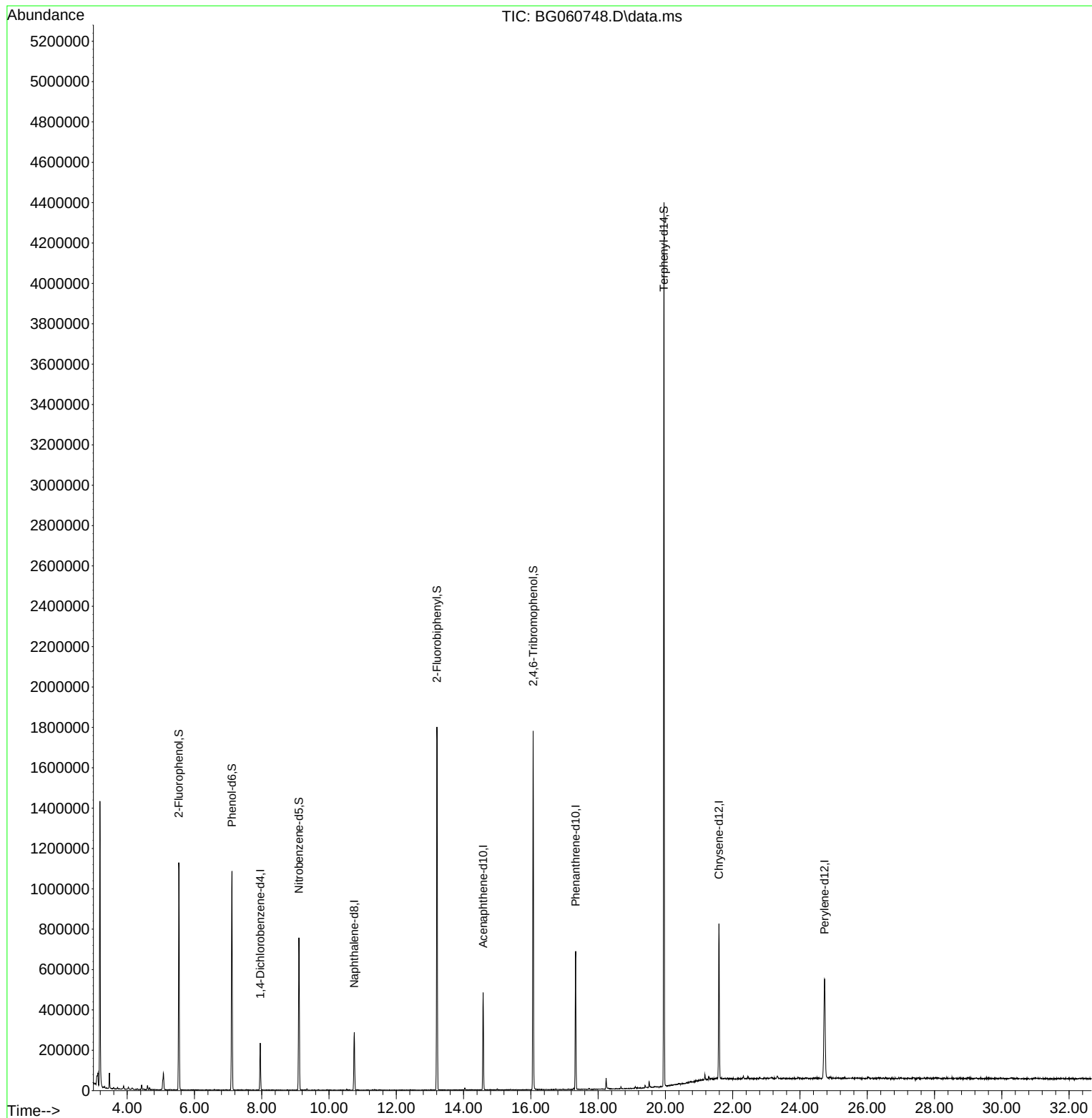
Target Compounds	Qvalue

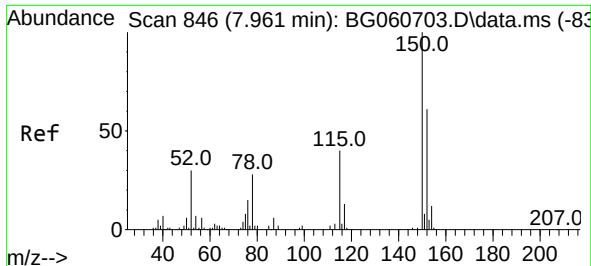
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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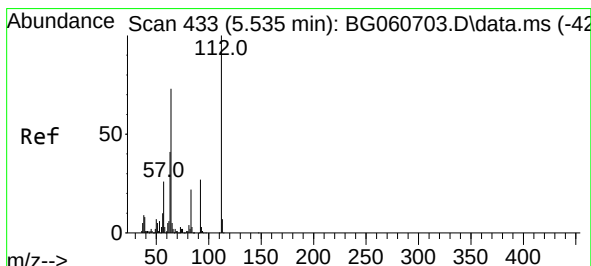
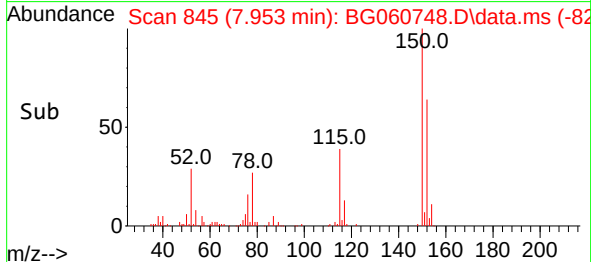
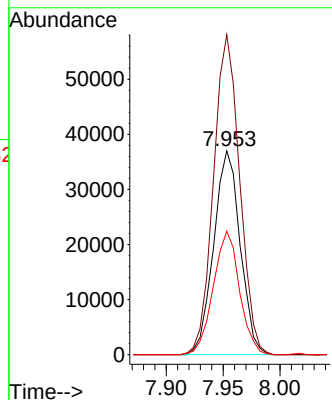
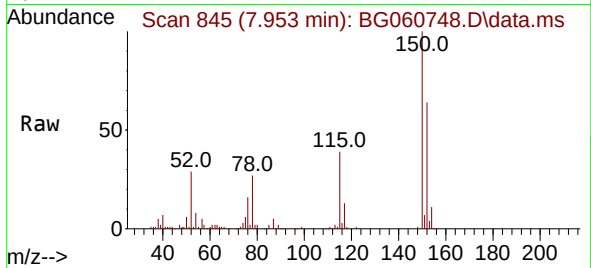




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 846
 Delta R.T. -0.008 min
 Lab File: BG060748.D
 Acq: 2 Apr 2024 22:07

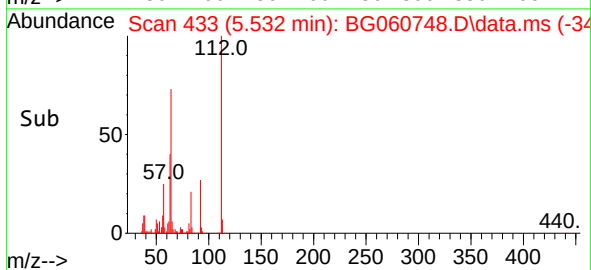
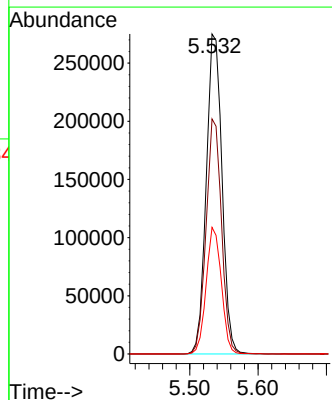
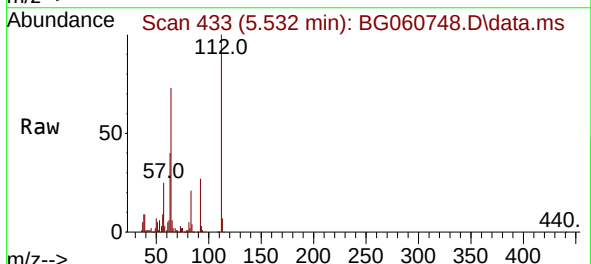
Instrument :
 BNA_G
 ClientSampleId :
 72-11998

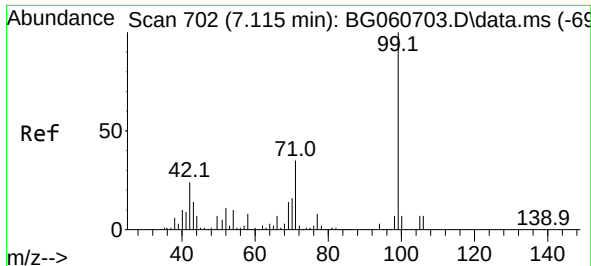
Tgt Ion:152 Resp: 59849
 Ion Ratio Lower Upper
 152 100
 150 157.0 130.2 195.4
 115 60.6 51.6 77.4



#5
 2-Fluorophenol
 Concen: 122.660 ng
 RT: 5.532 min Scan# 433
 Delta R.T. -0.002 min
 Lab File: BG060748.D
 Acq: 2 Apr 2024 22:07

Tgt Ion:112 Resp: 440670
 Ion Ratio Lower Upper
 112 100
 64 73.5 58.4 87.6
 63 39.6 32.7 49.1

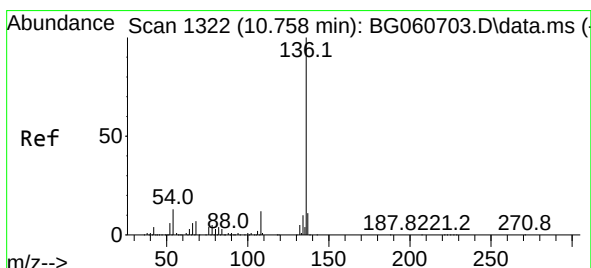
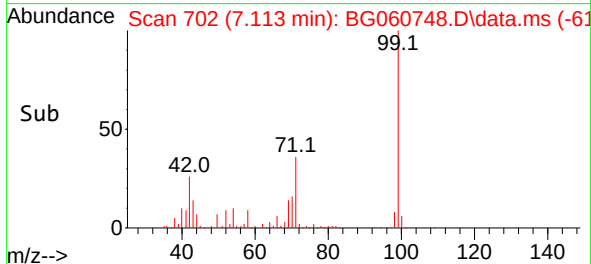
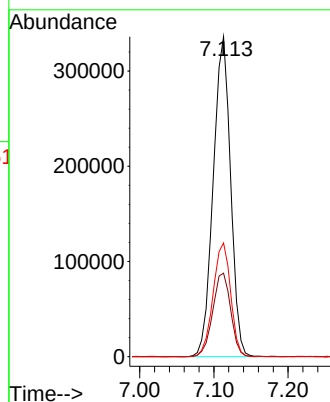
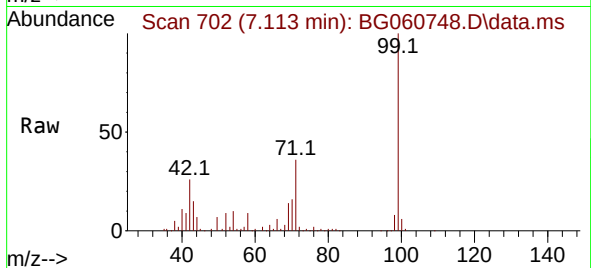




#7
Phenol-d6
Concen: 102.491 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

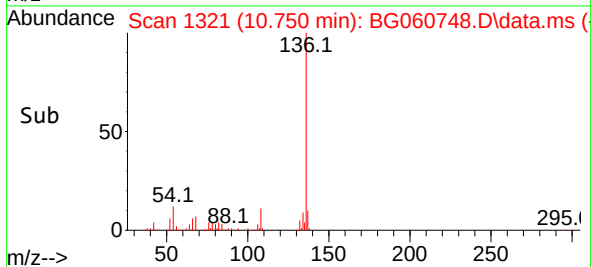
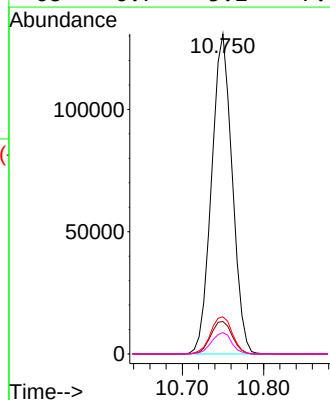
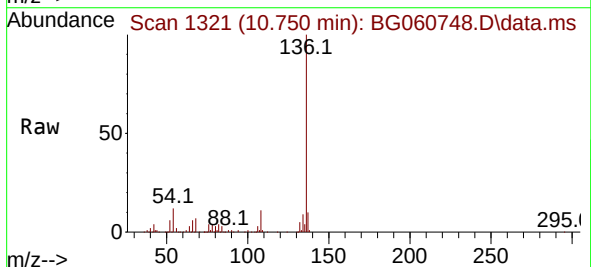
Instrument :
BNA_G
ClientSampleId :
72-11998

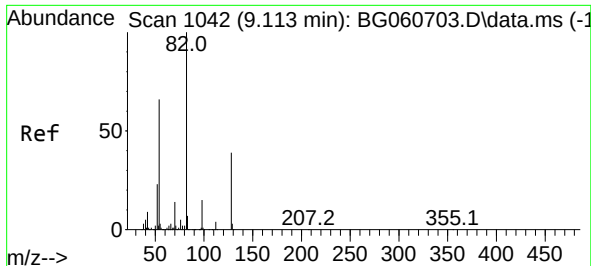
Tgt Ion: 99 Resp: 546567
Ion Ratio Lower Upper
99 100
42 26.1 19.4 29.2
71 35.5 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

Tgt Ion:136 Resp: 230550
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 11.6 10.2 15.2
68 6.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 101.587 ng

RT: 9.105 min Scan# 1041

Delta R.T. -0.008 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

Instrument :

BNA_G

ClientSampleId :

72-11998

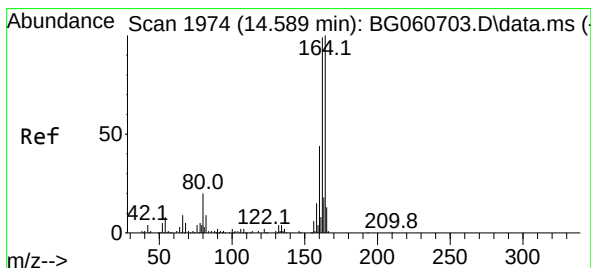
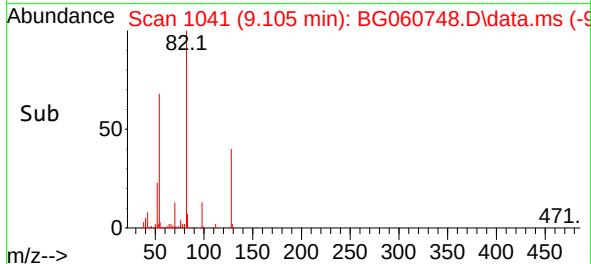
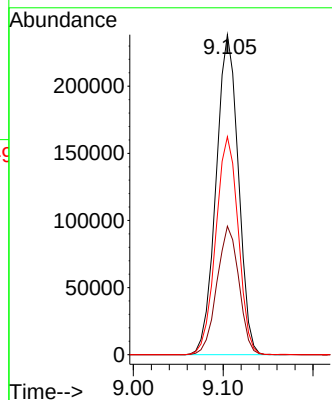
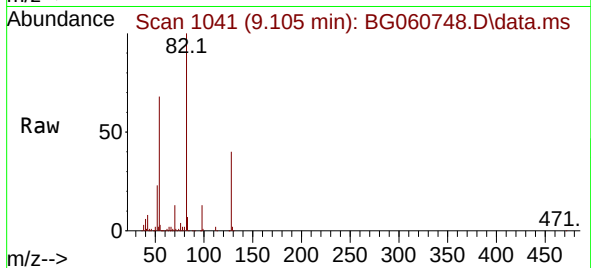
Tgt Ion: 82 Resp: 410451

Ion Ratio Lower Upper

82 100

128 40.2 31.2 46.8

54 68.1 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.581 min Scan# 1973

Delta R.T. -0.008 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

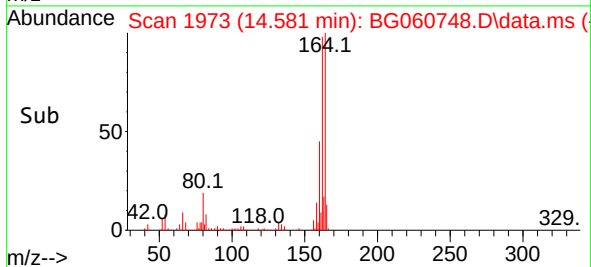
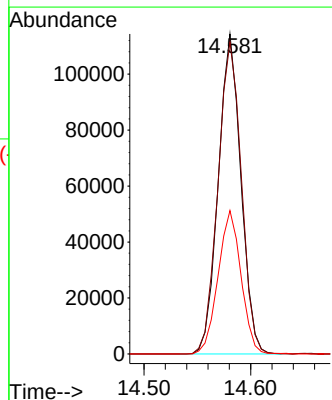
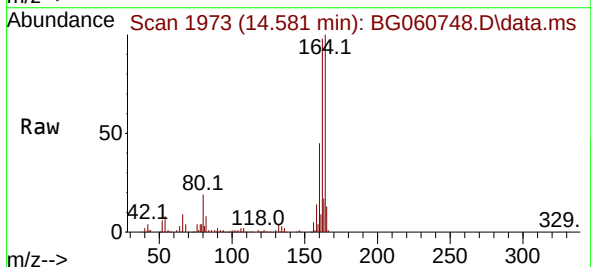
Tgt Ion:164 Resp: 168057

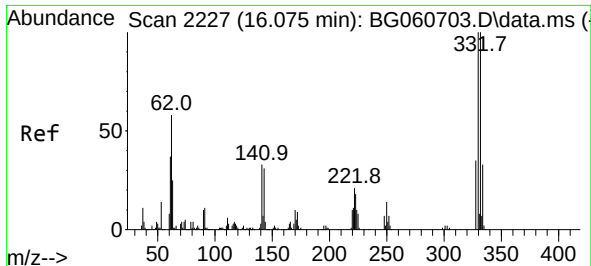
Ion Ratio Lower Upper

164 100

162 97.5 79.5 119.3

160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 172.276 ng

RT: 16.067 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

Instrument :

BNA_G

ClientSampleId :

72-11998

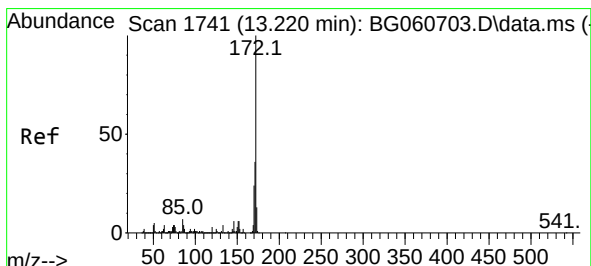
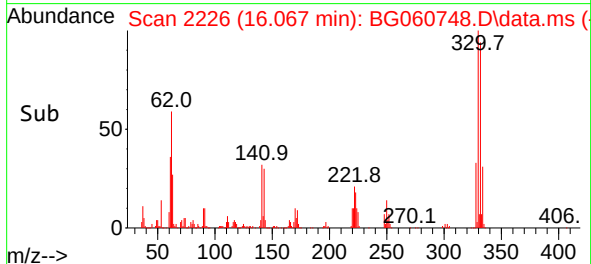
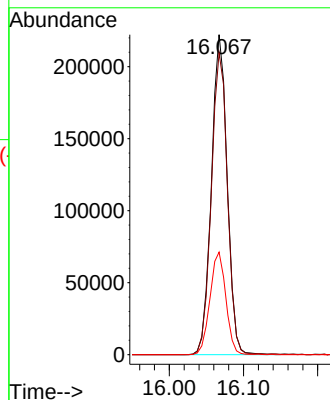
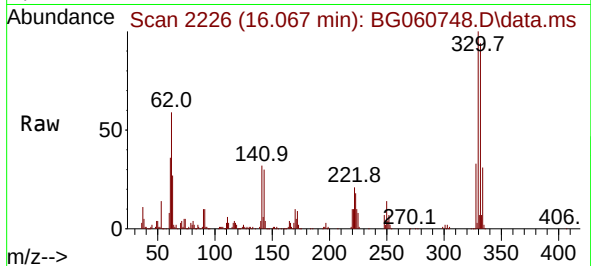
Tgt Ion:330 Resp: 328655

Ion Ratio Lower Upper

330 100

332 96.0 78.2 117.4

141 32.3 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 81.951 ng

RT: 13.206 min Scan# 1739

Delta R.T. -0.014 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

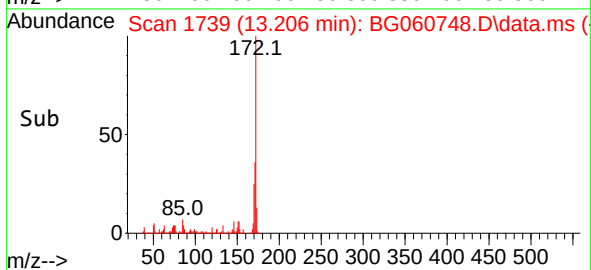
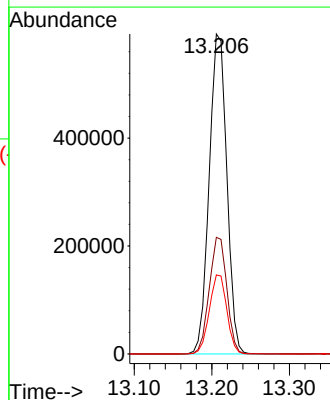
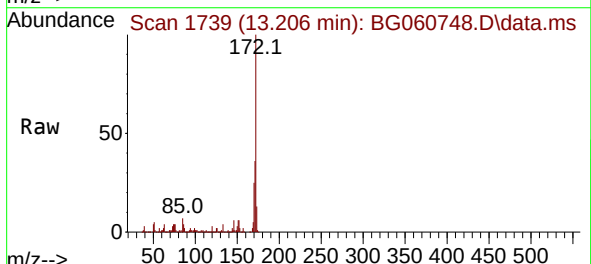
Tgt Ion:172 Resp: 938417

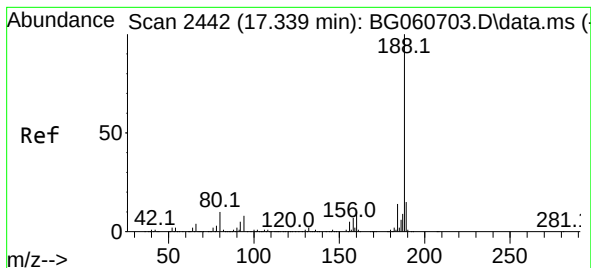
Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

170 24.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.330 min Scan# 2442

Delta R.T. -0.008 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

Instrument :

BNA_G

ClientSampleId :

72-11998

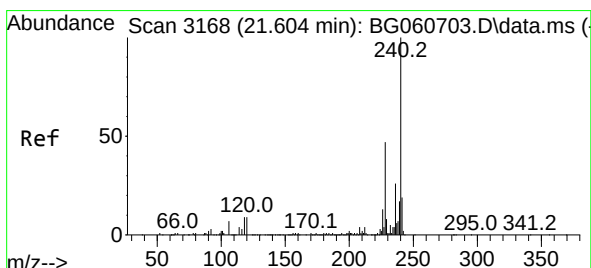
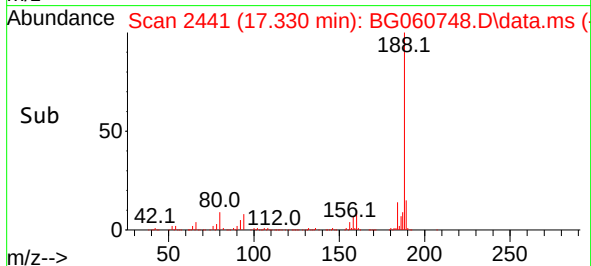
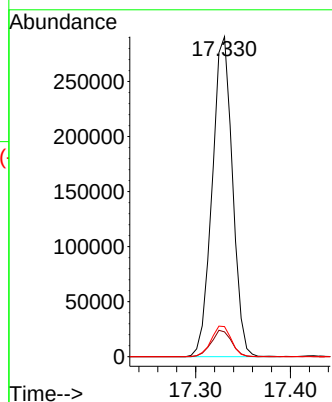
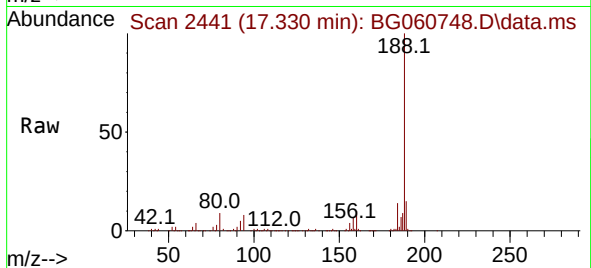
Tgt Ion:188 Resp: 431789

Ion Ratio Lower Upper

188 100

94 7.8 6.6 9.8

80 9.4 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3166

Delta R.T. -0.014 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

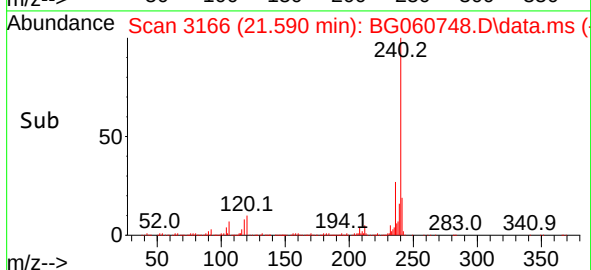
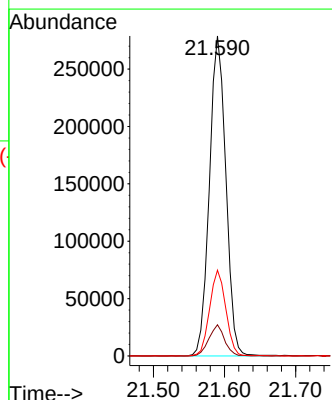
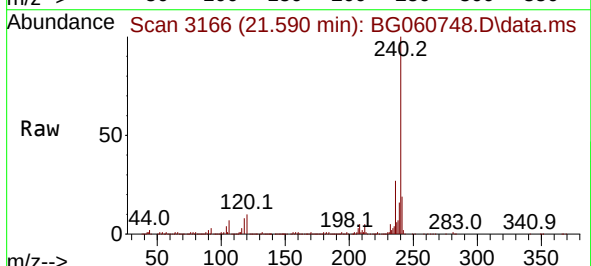
Tgt Ion:240 Resp: 448798

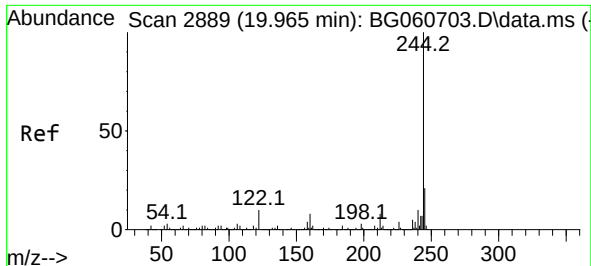
Ion Ratio Lower Upper

240 100

120 9.8 7.1 10.7

236 26.8 20.7 31.1

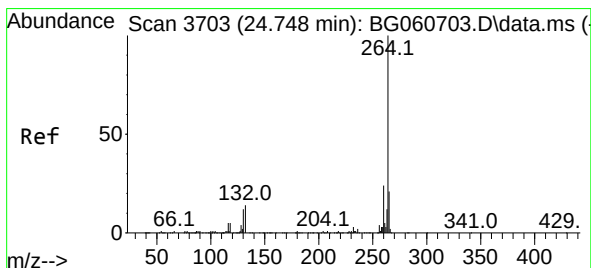
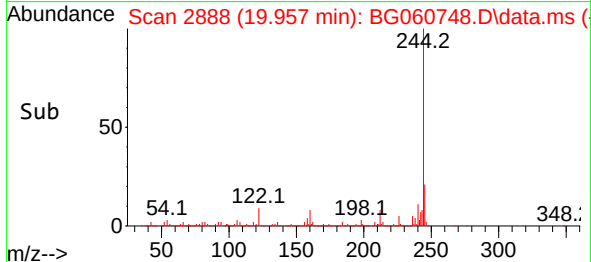
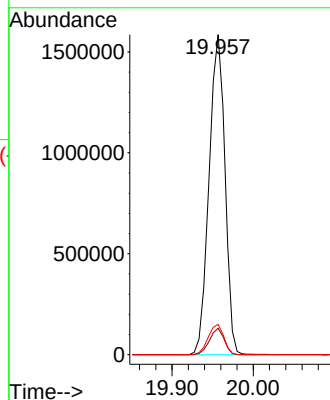
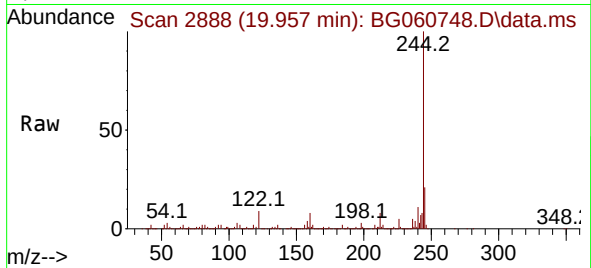




#79
 Terphenyl-d14
 Concen: 84.404 ng
 RT: 19.957 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG060748.D
 Acq: 2 Apr 2024 22:07

Instrument :
 BNA_G
 ClientSampleId :
 72-11998

Tgt Ion:244 Resp: 2151281
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 9.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.728 min Scan# 3700
 Delta R.T. -0.020 min
 Lab File: BG060748.D
 Acq: 2 Apr 2024 22:07

Tgt Ion:264 Resp: 526887
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.8 16.9 25.3

