

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060743.D
 Acq On : 2 Apr 2024 18:43
 Operator : MA/JU
 Sample : P1867-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-148-GW01

Quant Time: Apr 03 00:42:14 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	7.954	152	75815	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	293298	20.000	ng	0.00
39) Acenaphthene-d10	14.582	164	211835	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	512811	20.000	ng	-0.01
76) Chrysene-d12	21.591	240	495162	20.000	ng	-0.01
86) Perylene-d12	24.735	264	590836	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	171020	37.578	ng	0.00
7) Phenol-d6	7.108	99	140854	20.850	ng	0.00
23) Nitrobenzene-d5	9.106	82	351366	68.359	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	291456	121.204	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	859836	59.571	ng	-0.01
79) Terphenyl-d14	19.958	244	1870767	66.526	ng	0.00

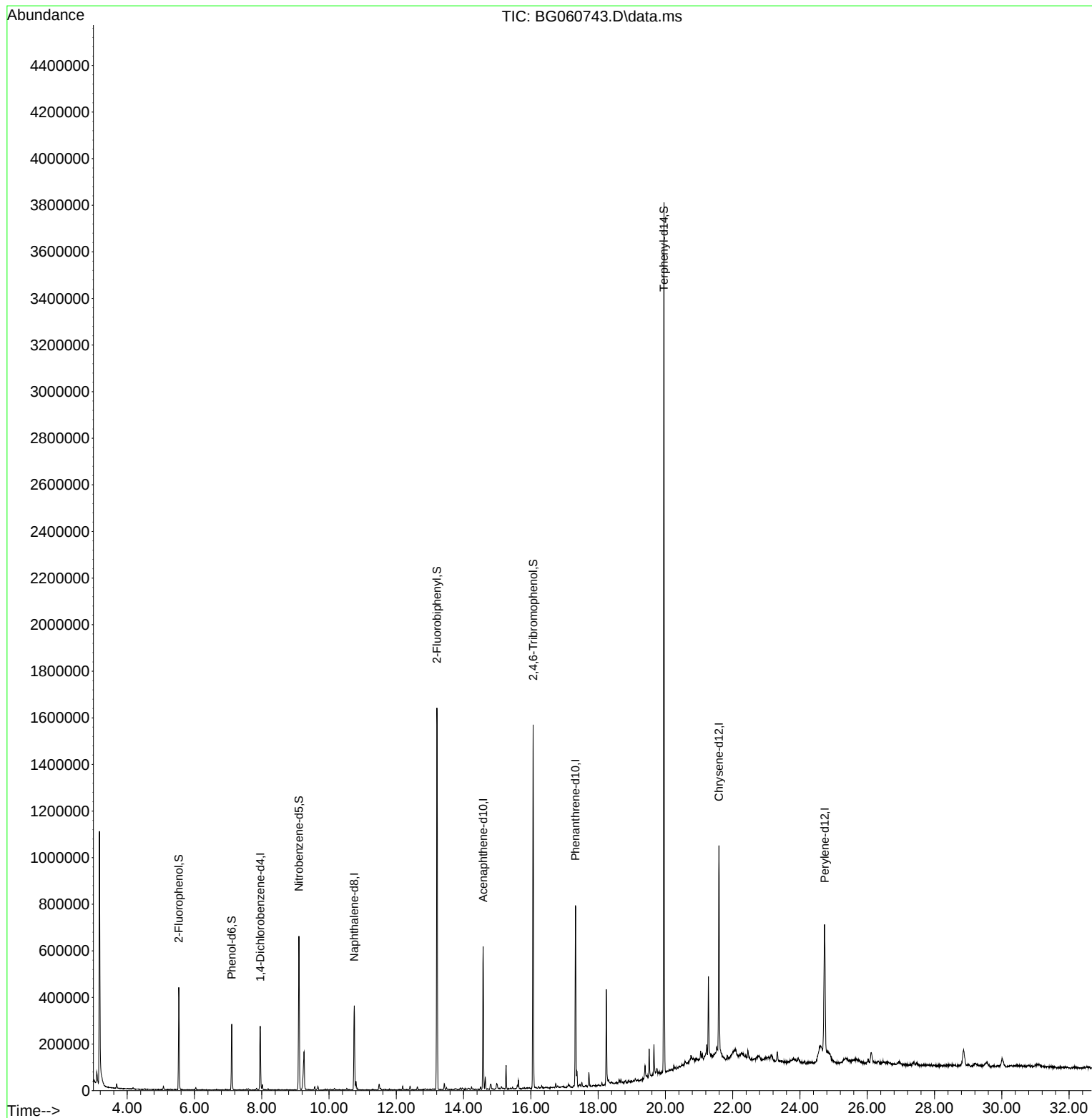
Target Compounds	Qvalue

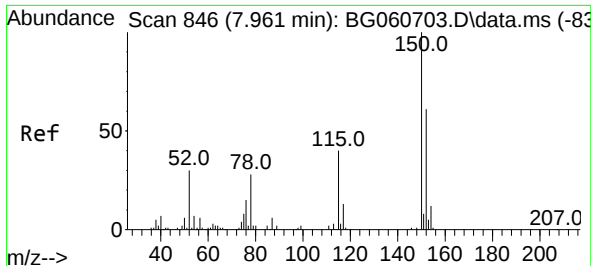
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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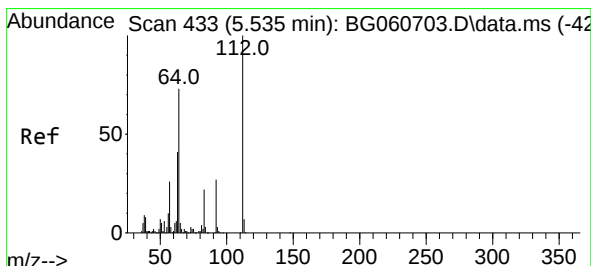
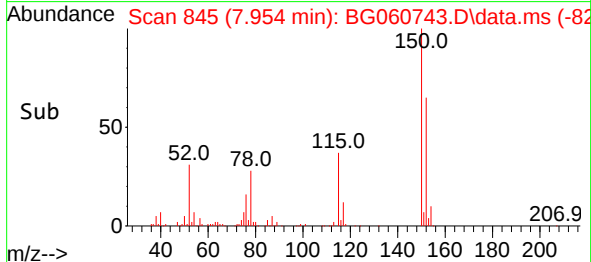
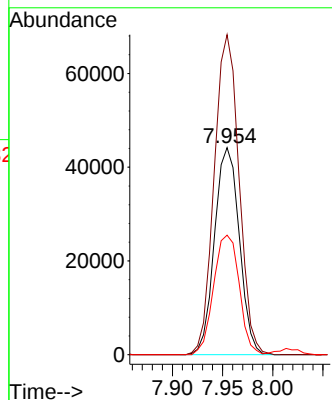
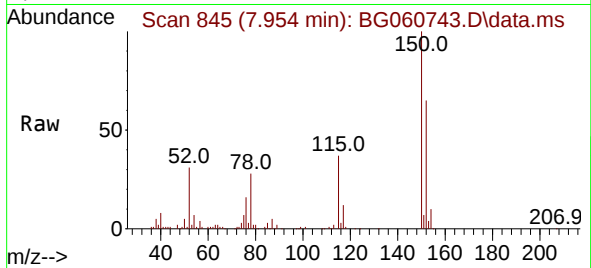




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 846
Delta R.T. -0.007 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

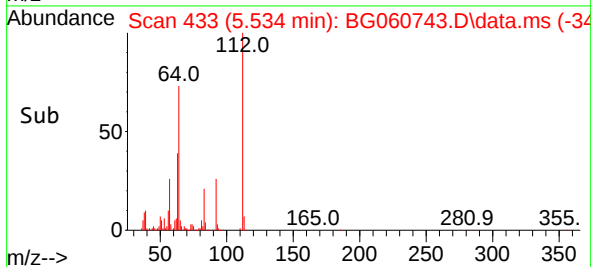
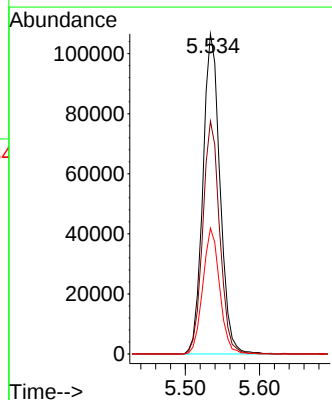
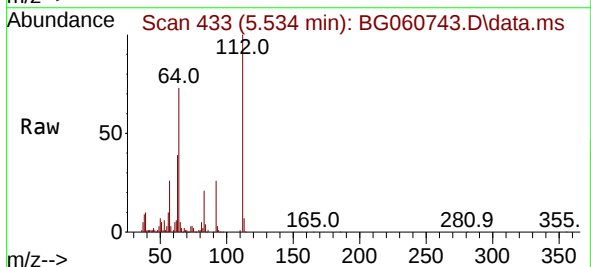
Instrument :
BNA_G
ClientSampleId :
B-148-GW01

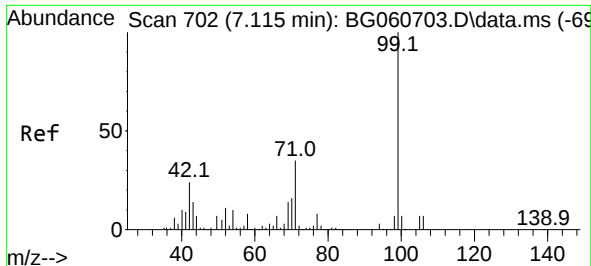
Tgt Ion:152 Resp: 75815
Ion Ratio Lower Upper
152 100
150 154.5 130.2 195.4
115 57.7 51.6 77.4



#5
2-Fluorophenol
Concen: 37.578 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.001 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

Tgt Ion:112 Resp: 171020
Ion Ratio Lower Upper
112 100
64 72.8 58.4 87.6
63 39.3 32.7 49.1

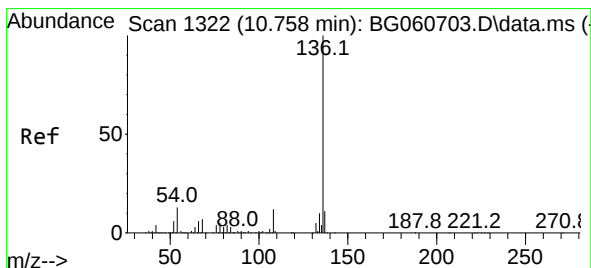
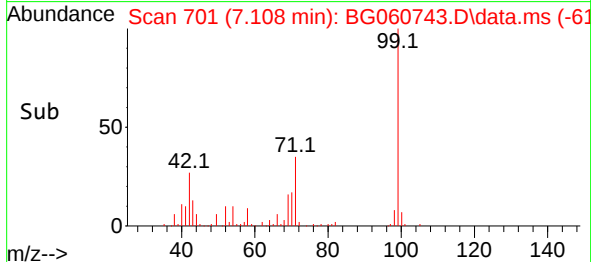
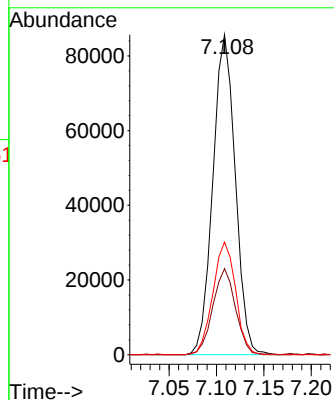
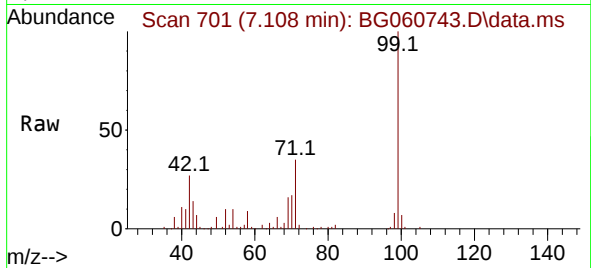




#7
Phenol-d6
Concen: 20.850 ng
RT: 7.108 min Scan# 702
Delta R.T. -0.007 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

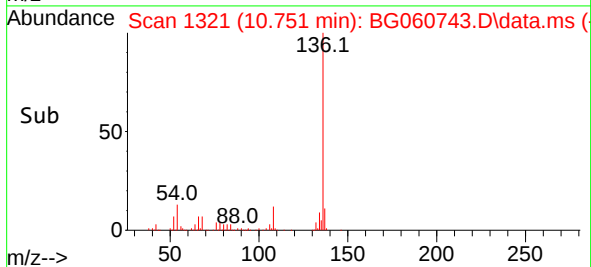
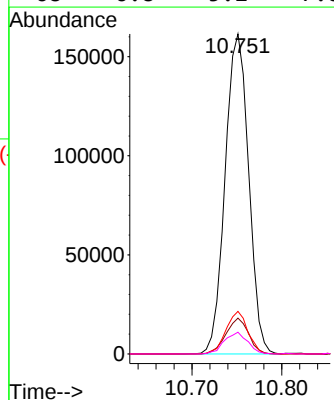
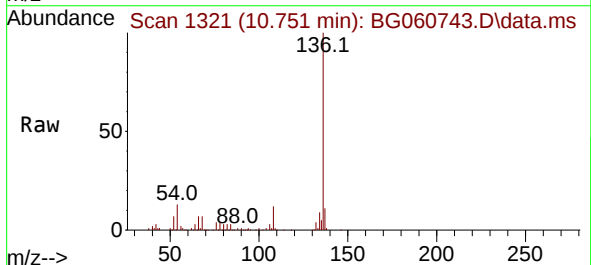
Instrument :
BNA_G
ClientSampleId :
B-148-GW01

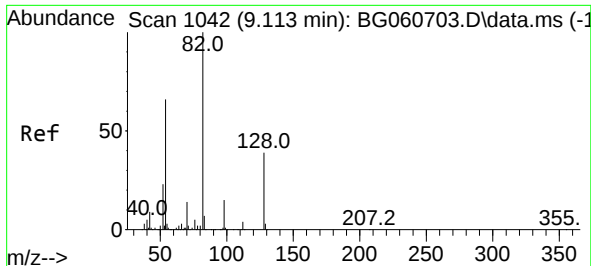
Tgt Ion: 99 Resp: 140854
Ion Ratio Lower Upper
99 100
42 26.9 19.4 29.2
71 35.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1321
Delta R.T. -0.007 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

Tgt Ion:136 Resp: 293298
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 13.3 10.2 15.2
68 6.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 68.359 ng

RT: 9.106 min Scan# 1041

Delta R.T. -0.007 min

Lab File: BG060743.D

Acq: 2 Apr 2024 18:43

Instrument :

BNA_G

ClientSampleId :

B-148-GW01

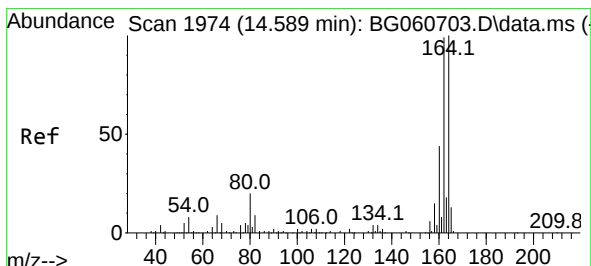
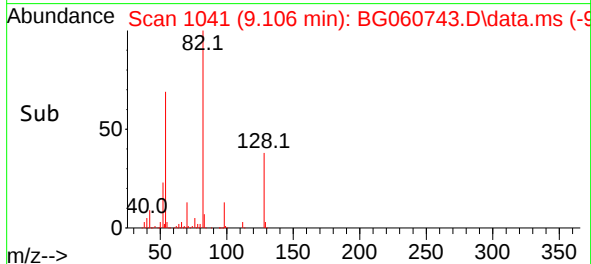
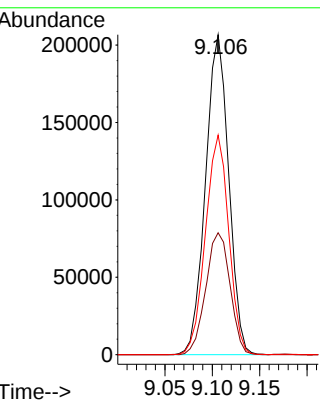
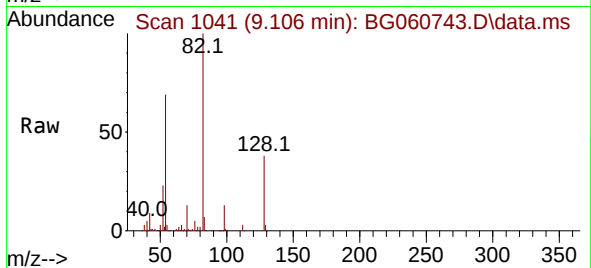
Tgt Ion: 82 Resp: 351366

Ion Ratio Lower Upper

82 100

128 38.1 31.2 46.8

54 68.6 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.582 min Scan# 1973

Delta R.T. -0.007 min

Lab File: BG060743.D

Acq: 2 Apr 2024 18:43

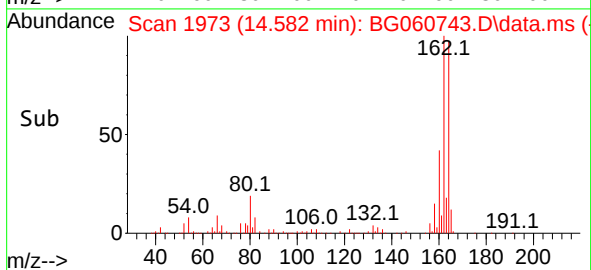
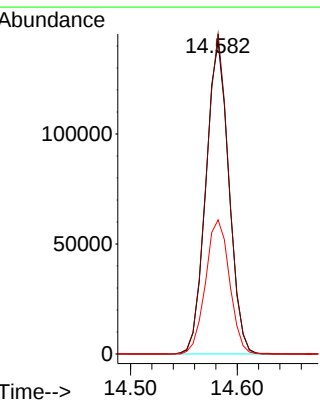
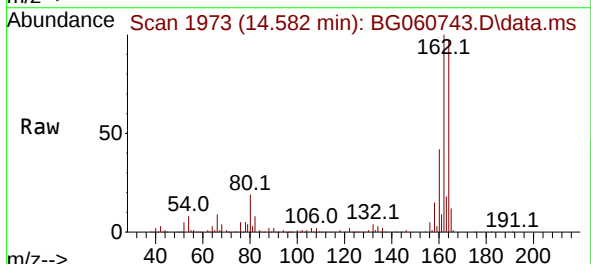
Tgt Ion:164 Resp: 211835

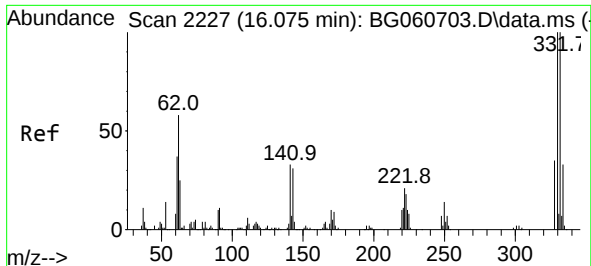
Ion Ratio Lower Upper

164 100

162 102.6 79.5 119.3

160 43.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 121.204 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060743.D

Acq: 2 Apr 2024 18:43

Instrument :

BNA_G

ClientSampleId :

B-148-GW01

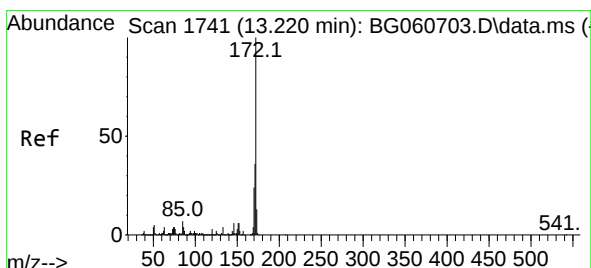
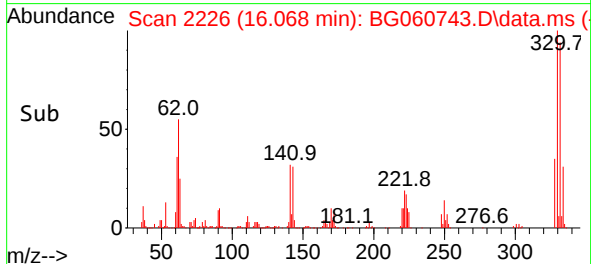
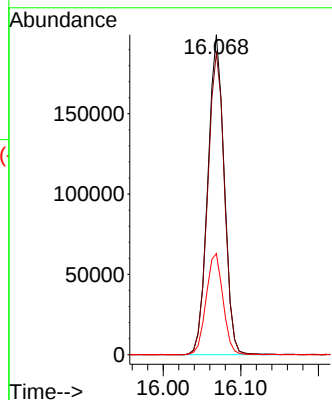
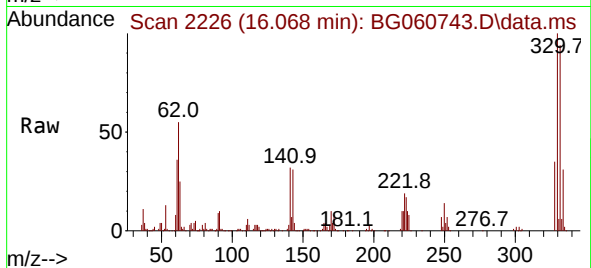
Tgt Ion:330 Resp: 291456

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.4

141 32.6 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 59.571 ng

RT: 13.207 min Scan# 1739

Delta R.T. -0.013 min

Lab File: BG060743.D

Acq: 2 Apr 2024 18:43

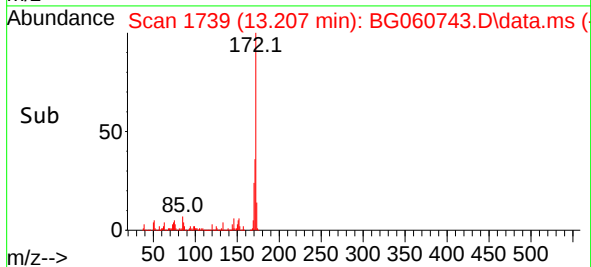
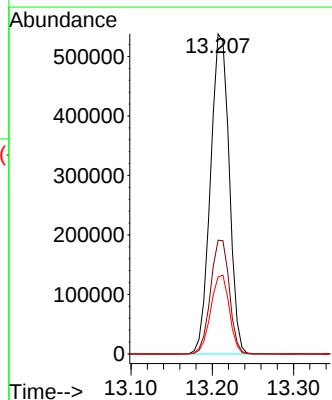
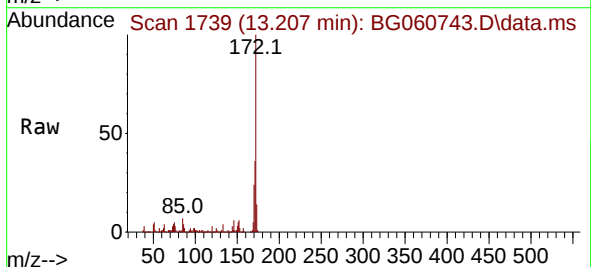
Tgt Ion:172 Resp: 859836

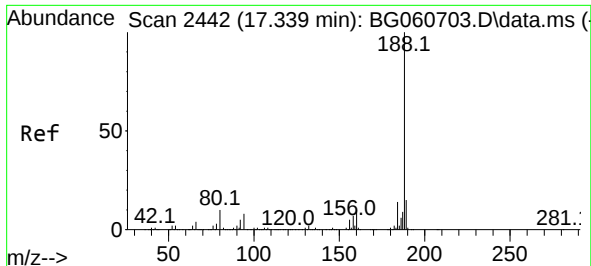
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 24.0 19.4 29.0

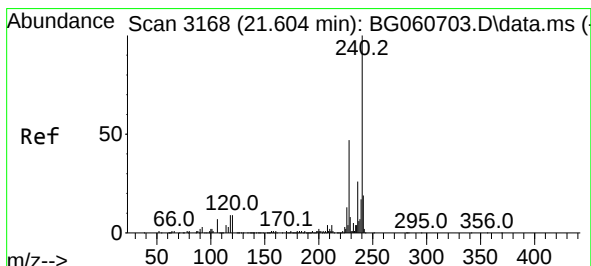
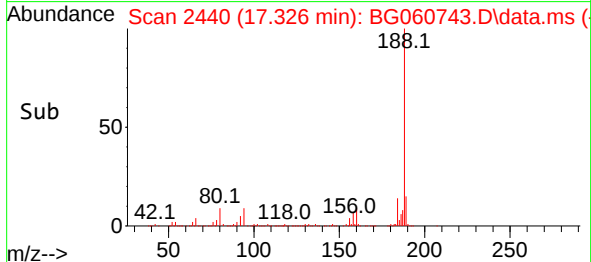
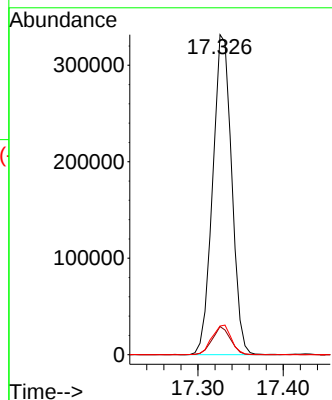
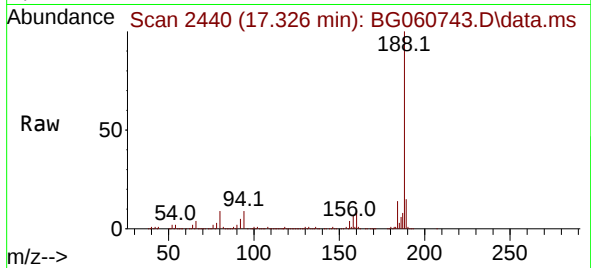




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.326 min Scan# 2442
Delta R.T. -0.013 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

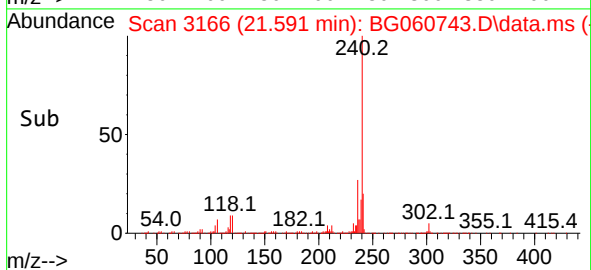
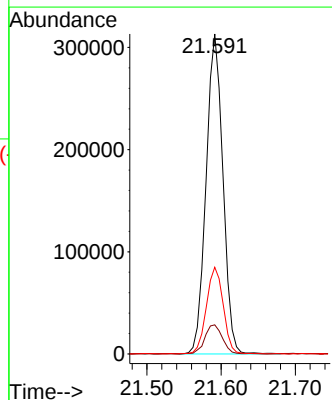
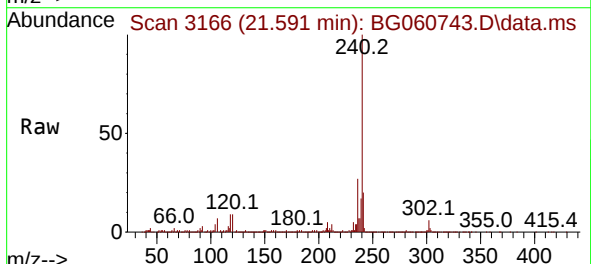
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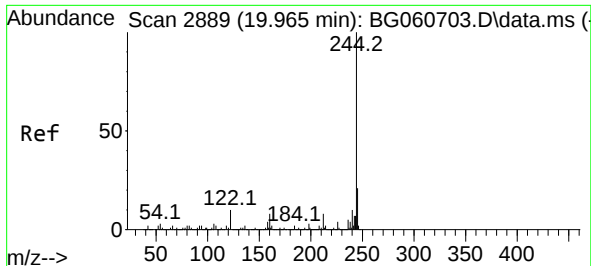
Tgt Ion:188 Resp: 512811
Ion Ratio Lower Upper
188 100
94 8.8 6.6 9.8
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3166
Delta R.T. -0.013 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

Tgt Ion:240 Resp: 495162
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 27.1 20.7 31.1

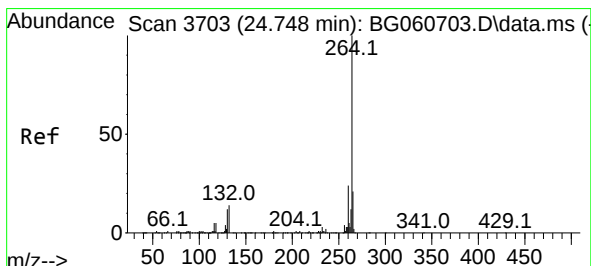
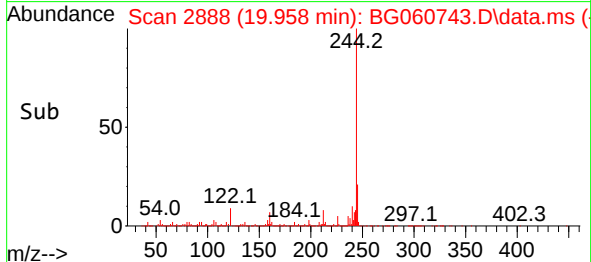
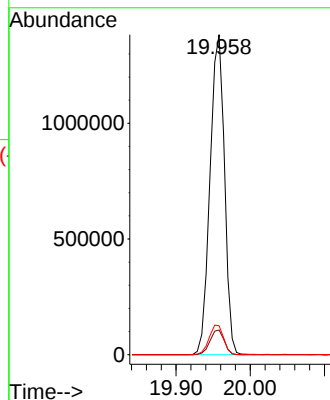
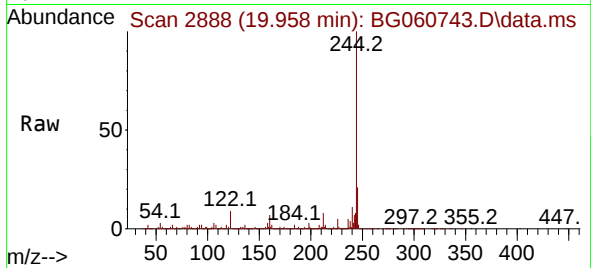




#79
 Terphenyl-d14
 Concen: 66.526 ng
 RT: 19.958 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG060743.D
 Acq: 2 Apr 2024 18:43

Instrument :
 BNA_G
 ClientSampleId :
 B-148-GW01

Tgt Ion:244 Resp: 1870767
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.1 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.735 min Scan# 3701
 Delta R.T. -0.013 min
 Lab File: BG060743.D
 Acq: 2 Apr 2024 18:43

Tgt Ion:264 Resp: 590836
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 20.8 16.9 25.3

