

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
 Data File : BG056938.D
 Acq On : 31 Mar 2023 9:11
 Operator : CG/JU
 Sample : PB151349BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151349BL

Quant Time: Apr 01 02:32:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	14811	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	60549	20.000	ng	# 0.00
39) Acenaphthene-d10	15.028	164	49000	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	131787	20.000	ng	0.00
76) Chrysene-d12	22.089	240	134097	20.000	ng	# 0.00
86) Perylene-d12	25.637	264	145239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	139558	150.804	ng	0.00
7) Phenol-d6	7.538	99	202275	146.143	ng	0.00
23) Nitrobenzene-d5	9.588	82	129317	87.389	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	103590	132.334	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	313611	86.788	ng	0.00
79) Terphenyl-d14	20.338	244	728579	91.939	ng	0.00

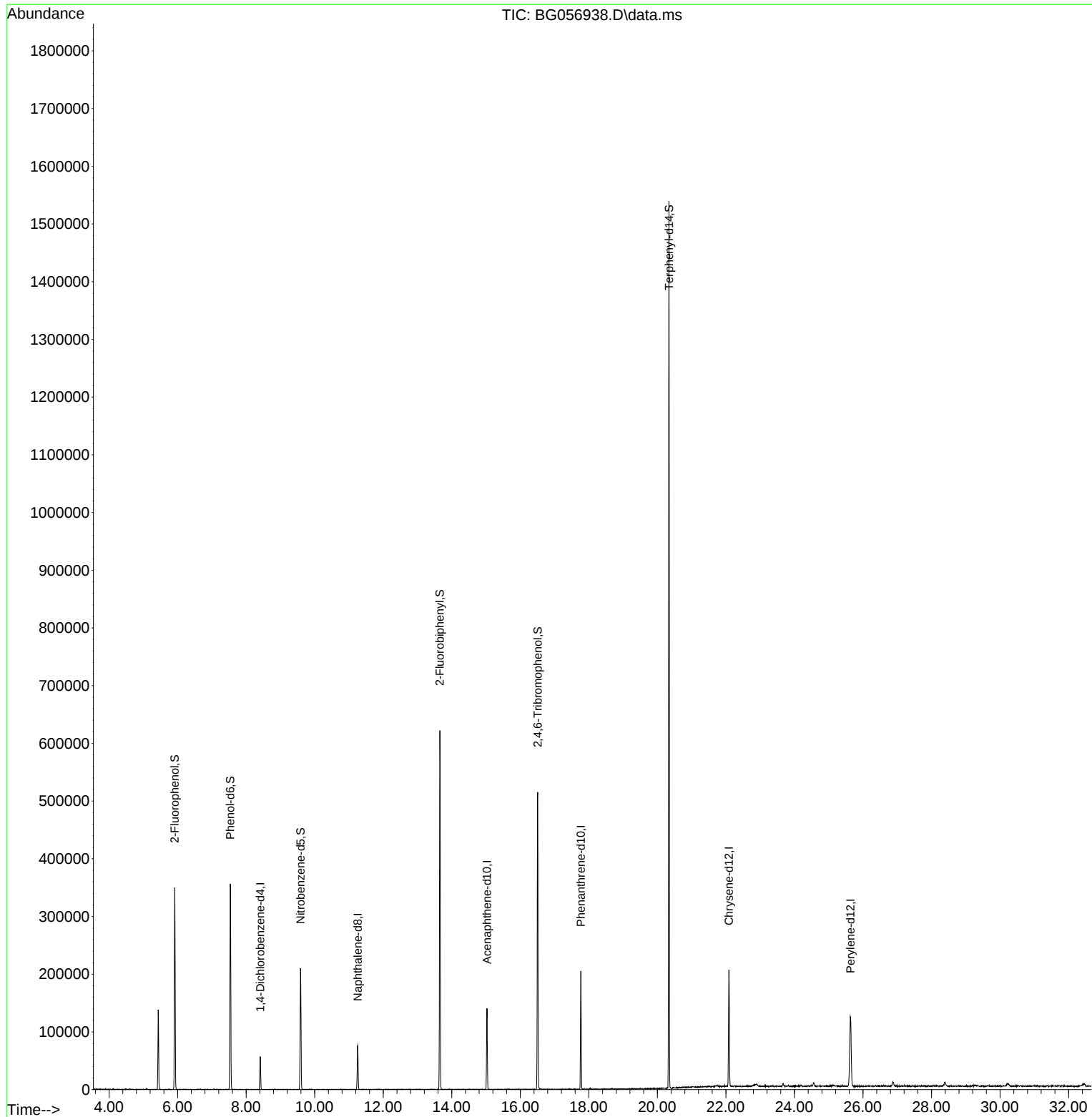
Target Compounds	Qvalue

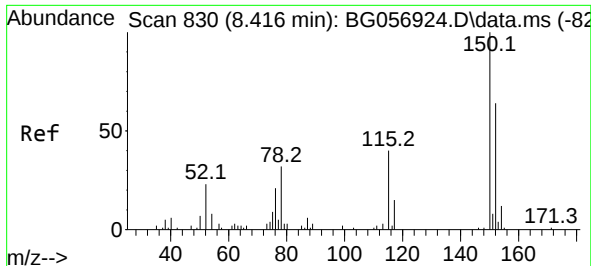
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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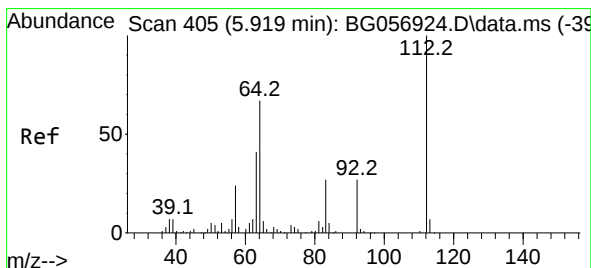
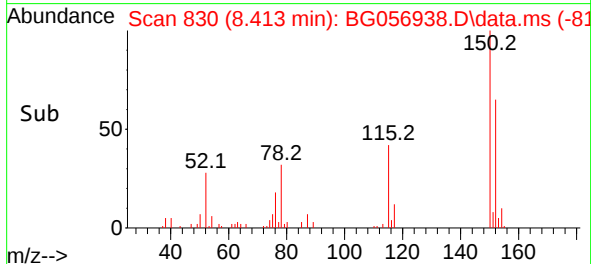
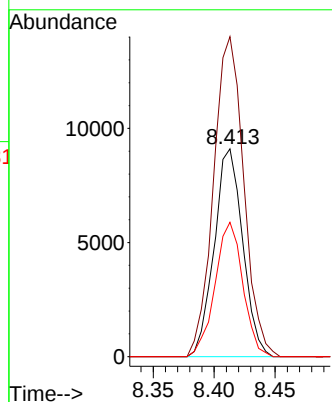
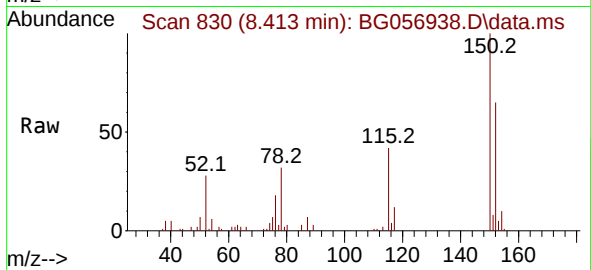




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056938.D
Acq: 31 Mar 2023 9:11

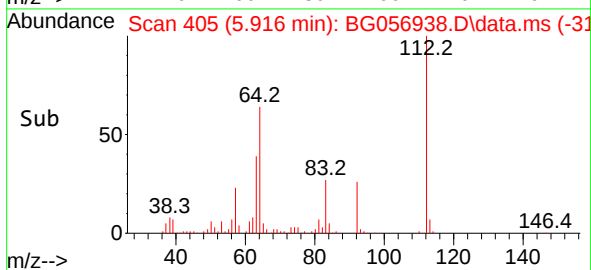
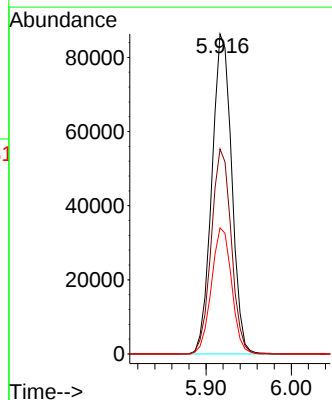
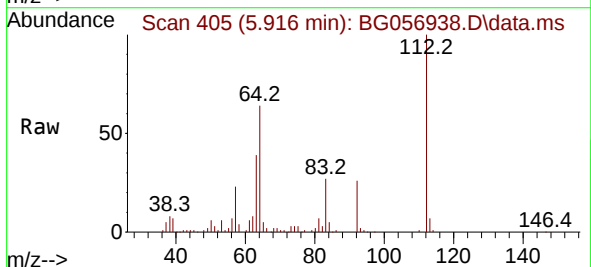
Instrument :
BNA_G
ClientSampleId :
PB151349BL

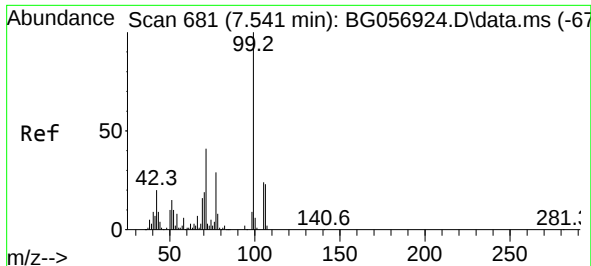
Tgt Ion:152 Resp: 14811
Ion Ratio Lower Upper
152 100
150 153.9 124.1 186.1
115 64.6 49.1 73.7



#5
2-Fluorophenol
Concen: 150.804 ng
RT: 5.916 min Scan# 405
Delta R.T. -0.003 min
Lab File: BG056938.D
Acq: 31 Mar 2023 9:11

Tgt Ion:112 Resp: 139558
Ion Ratio Lower Upper
112 100
64 64.0 53.2 79.8
63 39.4 32.6 48.8

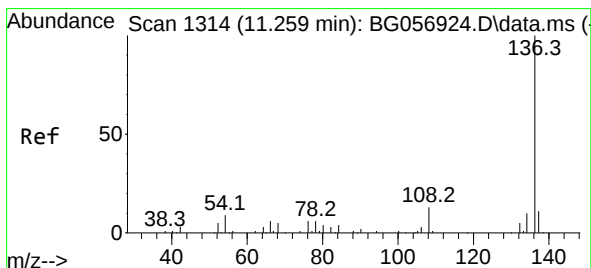
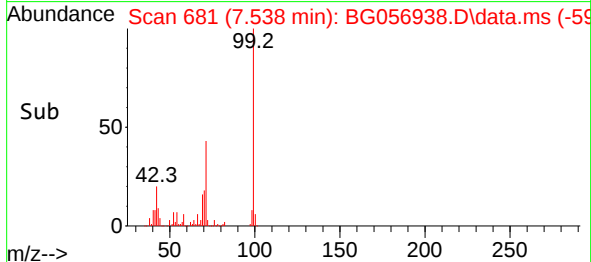
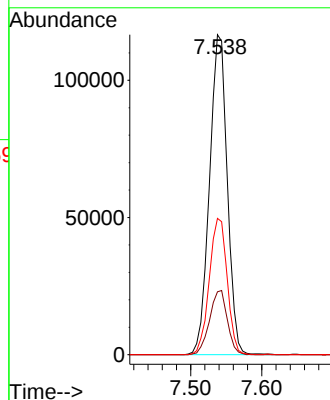
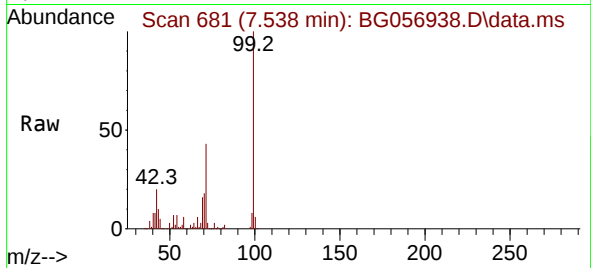




#7
Phenol-d6
Concen: 146.143 ng
RT: 7.538 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG056938.D
Acq: 31 Mar 2023 9:11

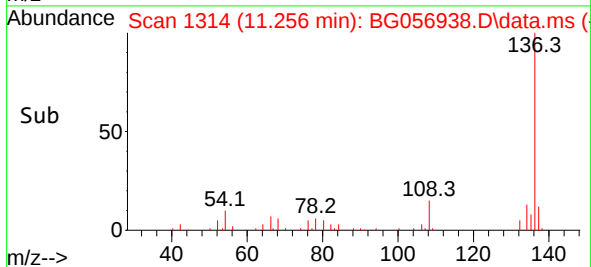
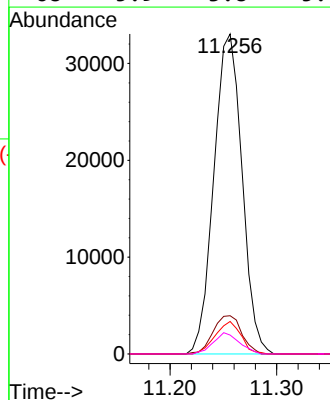
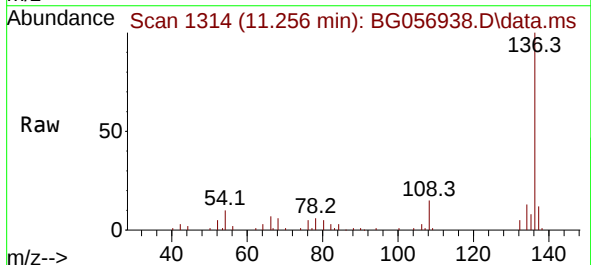
Instrument :
BNA_G
ClientSampleId :
PB151349BL

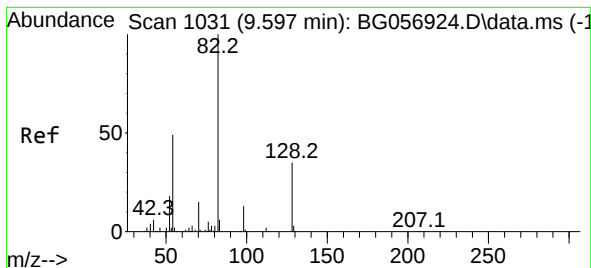
Tgt Ion: 99 Resp: 202275
Ion Ratio Lower Upper
99 100
42 19.7 15.7 23.5
71 42.6 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 1314
Delta R.T. -0.003 min
Lab File: BG056938.D
Acq: 31 Mar 2023 9:11

Tgt Ion: 136 Resp: 60549
Ion Ratio Lower Upper
136 100
137 11.9 8.6 13.0
54 10.1 6.9 10.3
68 5.9 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 87.389 ng

RT: 9.588 min Scan# 1031

Delta R.T. -0.009 min

Lab File: BG056938.D

Acq: 31 Mar 2023 9:11

Instrument :

BNA_G

ClientSampleId :

PB151349BL

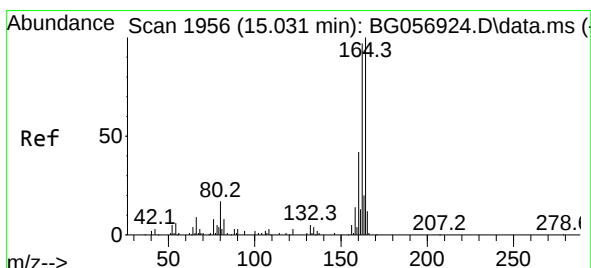
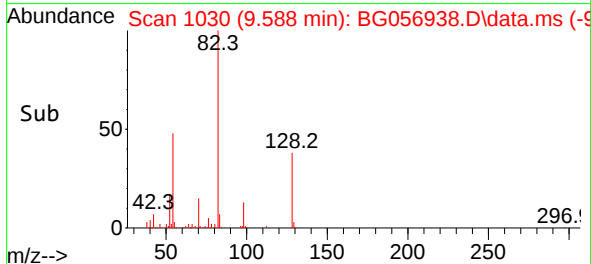
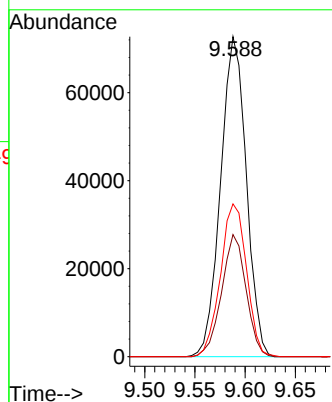
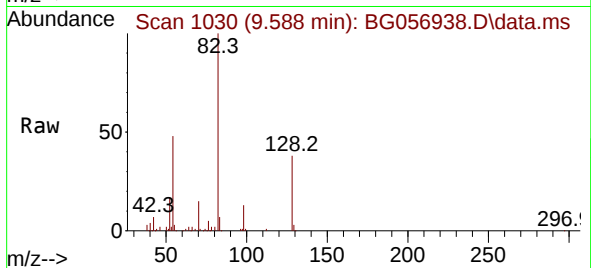
Tgt Ion: 82 Resp: 129317

Ion Ratio Lower Upper

82 100

128 38.2 27.9 41.9

54 47.7 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.028 min Scan# 1956

Delta R.T. -0.003 min

Lab File: BG056938.D

Acq: 31 Mar 2023 9:11

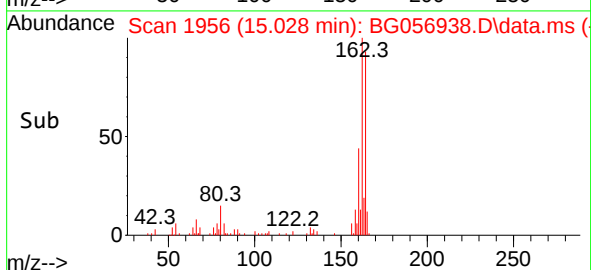
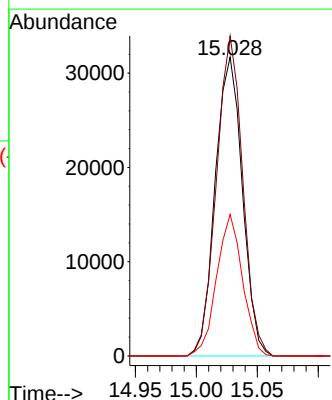
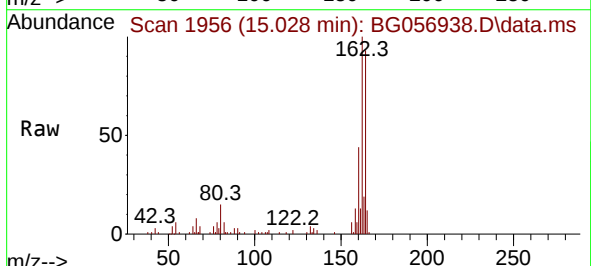
Tgt Ion:164 Resp: 49000

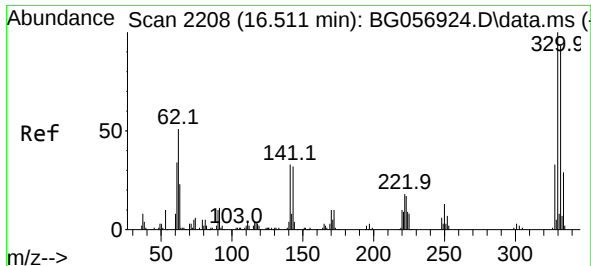
Ion Ratio Lower Upper

164 100

162 107.0 77.8 116.8

160 47.4 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 132.334 ng

RT: 16.508 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056938.D

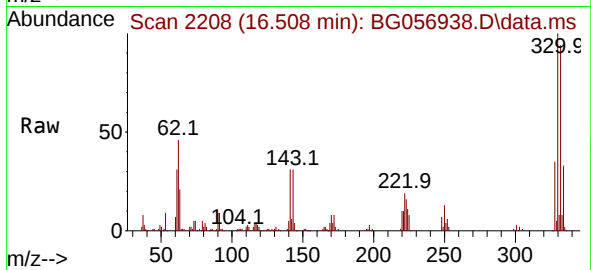
Acq: 31 Mar 2023 9:11

Instrument :

BNA_G

ClientSampleId :

PB151349BL



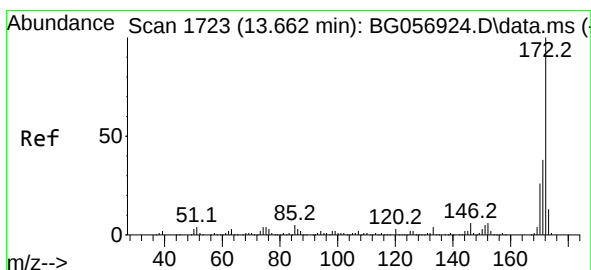
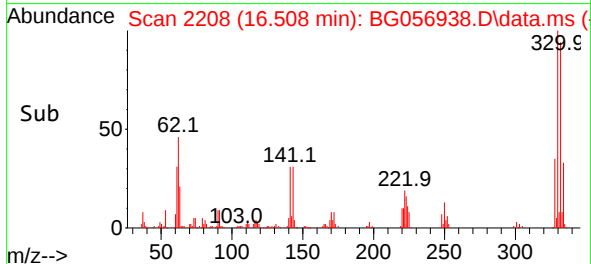
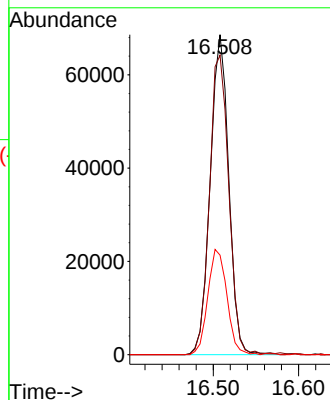
Tgt Ion:330 Resp: 103590

Ion Ratio Lower Upper

330 100

332 97.2 76.1 114.1

141 33.8 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 86.788 ng

RT: 13.653 min Scan# 1722

Delta R.T. -0.009 min

Lab File: BG056938.D

Acq: 31 Mar 2023 9:11

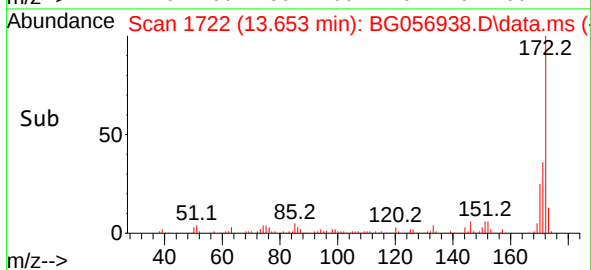
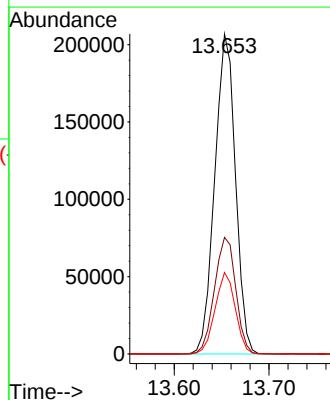
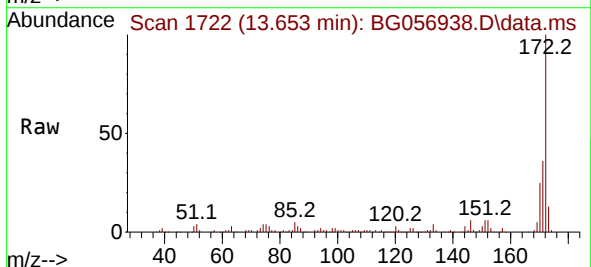
Tgt Ion:172 Resp: 313611

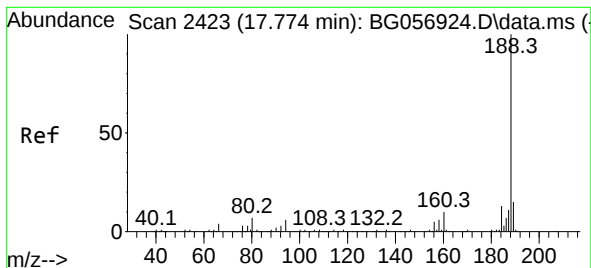
Ion Ratio Lower Upper

172 100

171 36.5 30.6 46.0

170 25.5 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.765 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG056938.D

Acq: 31 Mar 2023 9:11

Instrument :

BNA_G

ClientSampleId :

PB151349BL

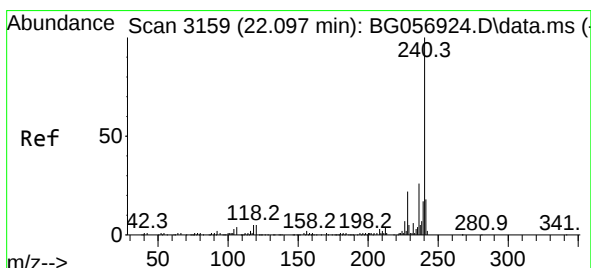
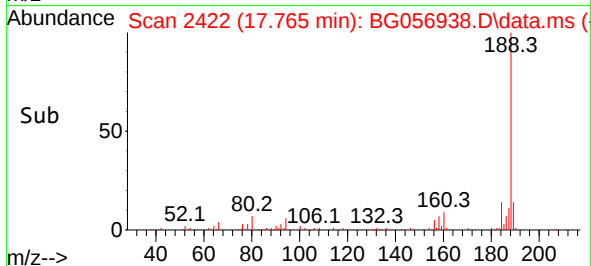
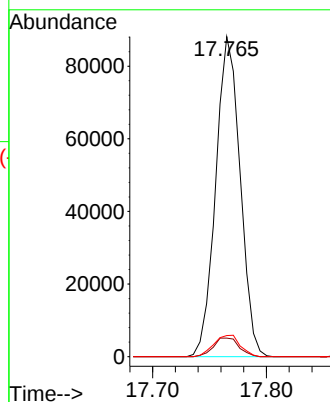
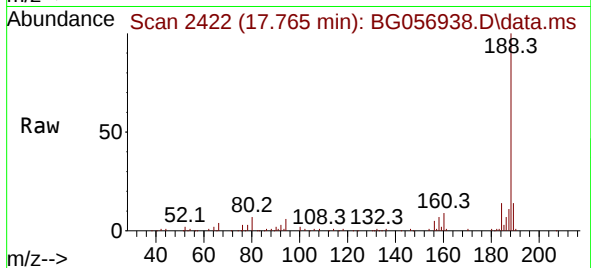
Tgt Ion:188 Resp: 131787

Ion Ratio Lower Upper

188 100

94 5.8 4.6 6.8

80 6.6 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.089 min Scan# 3158

Delta R.T. -0.009 min

Lab File: BG056938.D

Acq: 31 Mar 2023 9:11

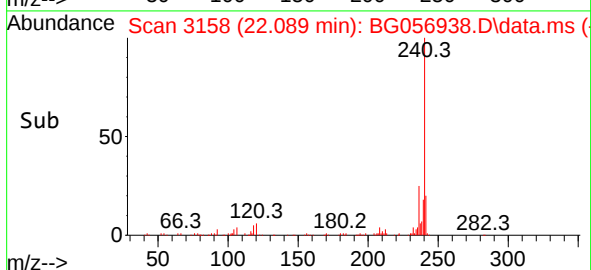
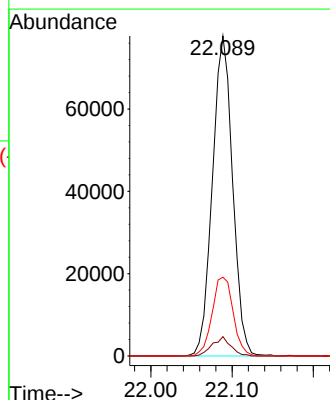
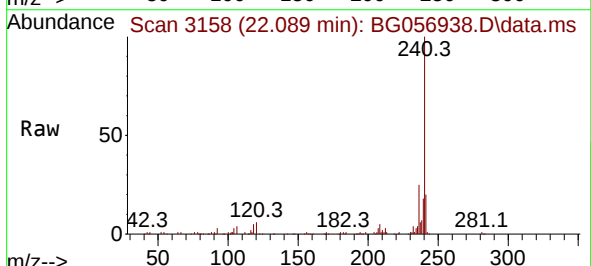
Tgt Ion:240 Resp: 134097

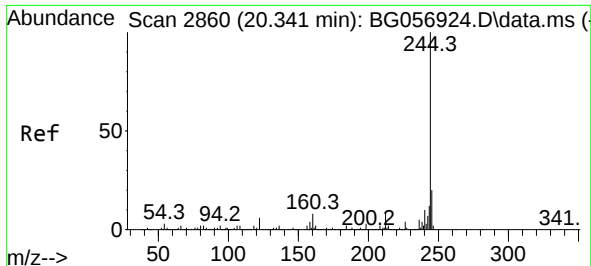
Ion Ratio Lower Upper

240 100

120 6.1 3.8 5.6#

236 24.6 21.0 31.6

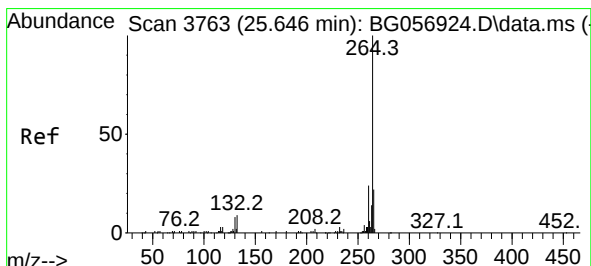
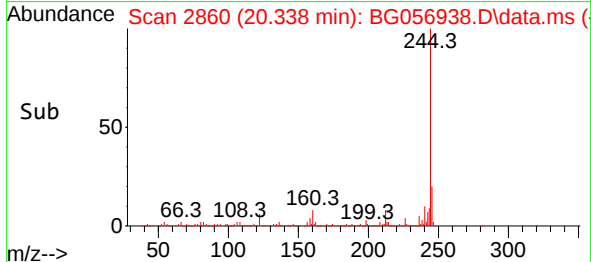
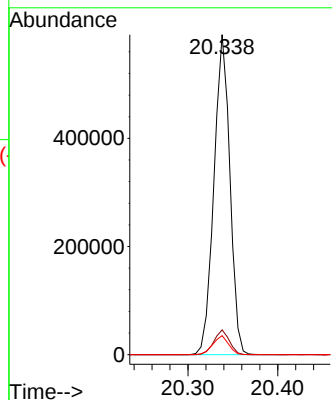
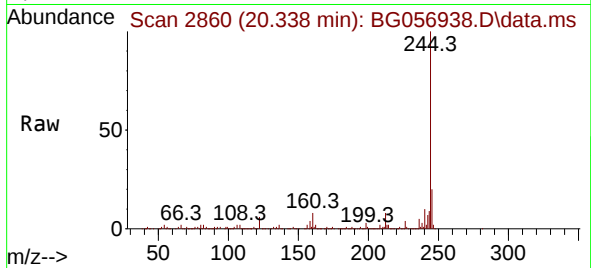




#79
 Terphenyl-d14
 Concen: 91.939 ng
 RT: 20.338 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056938.D
 Acq: 31 Mar 2023 9:11

Instrument :
 BNA_G
 ClientSampleId :
 PB151349BL

Tgt Ion:244 Resp: 728579
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 6.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.637 min Scan# 3762
 Delta R.T. -0.009 min
 Lab File: BG056938.D
 Acq: 31 Mar 2023 9:11

Tgt Ion:264 Resp: 145239
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.1 17.8 26.6

