

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056965.D
 Acq On : 4 Apr 2023 14:29
 Operator : CG/JU
 Sample : 02109-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2023-03-26

Quant Time: Apr 05 04:07:38 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	8.408	152	13785	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	54243	20.000	ng	# 0.00
39) Acenaphthene-d10	15.029	164	40467	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	111071	20.000	ng	0.00
76) Chrysene-d12	22.084	240	119717	20.000	ng	-0.01
86) Perylene-d12	25.632	264	123762	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	54470	63.240	ng	0.00
7) Phenol-d6	7.539	99	46256	35.907	ng	0.00
23) Nitrobenzene-d5	9.589	82	115910	87.435	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	97516	150.843	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	269244	90.221	ng	0.00
79) Terphenyl-d14	20.339	244	713188	100.807	ng	0.00

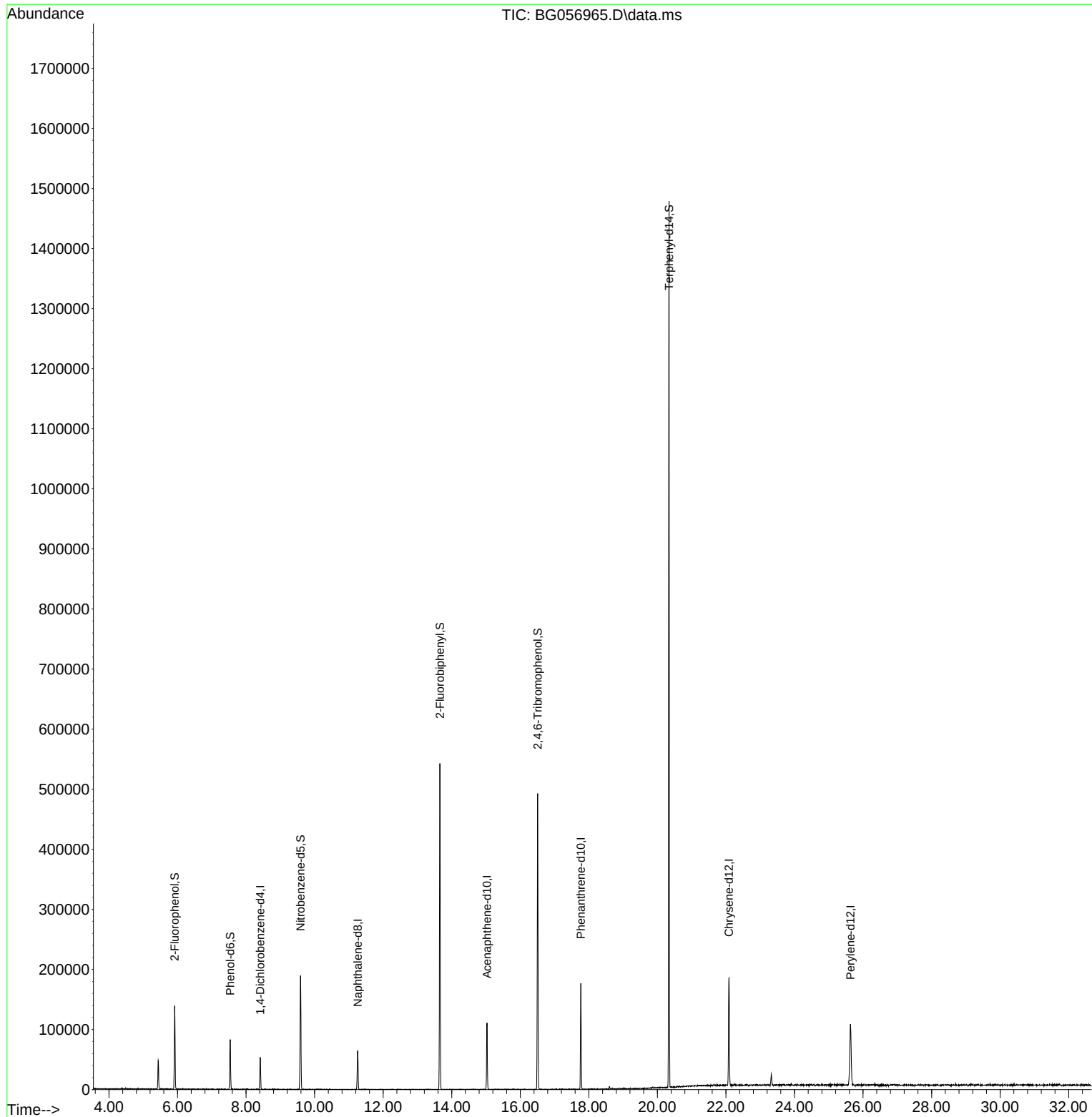
Target Compounds Qvalue

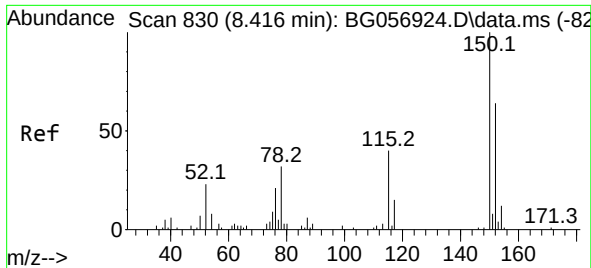
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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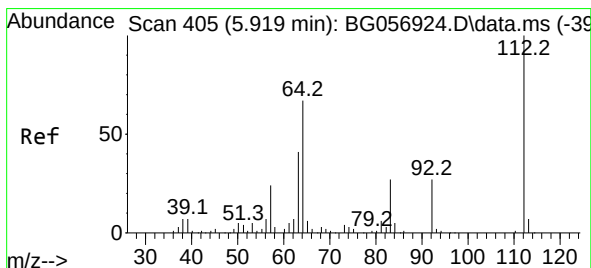
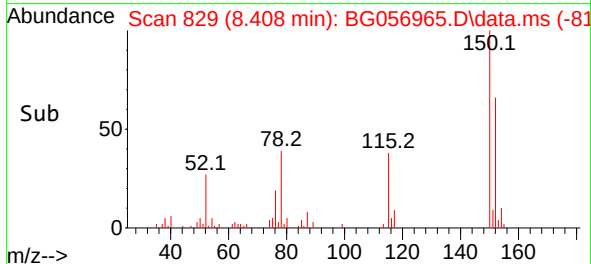
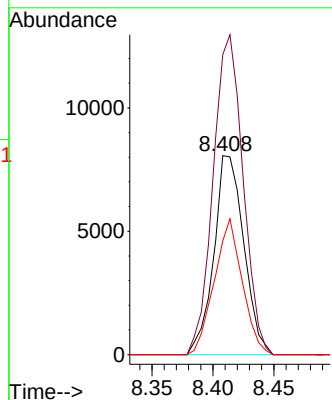
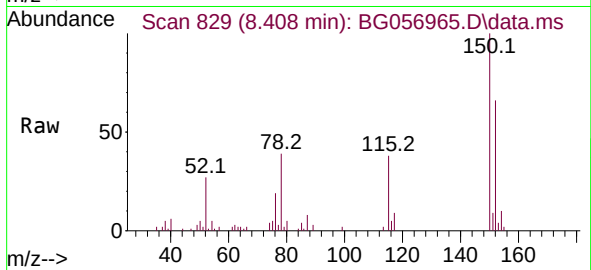




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

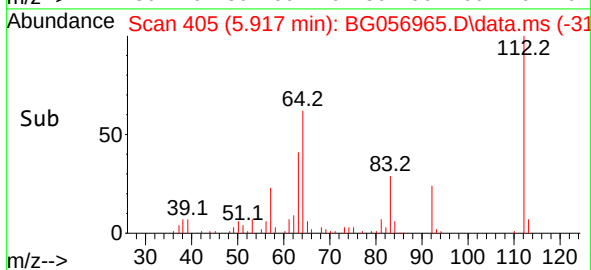
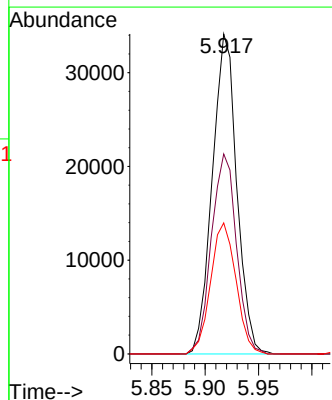
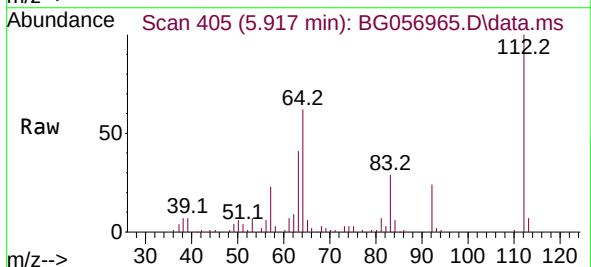
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-26

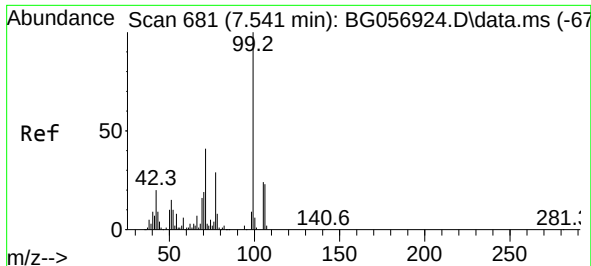
Tgt Ion:152 Resp: 13785
Ion Ratio Lower Upper
152 100
150 150.8 124.1 186.1
115 57.2 49.1 73.7



#5
2-Fluorophenol
Concen: 63.240 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.002 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

Tgt Ion:112 Resp: 54470
Ion Ratio Lower Upper
112 100
64 62.5 53.2 79.8
63 40.9 32.6 48.8

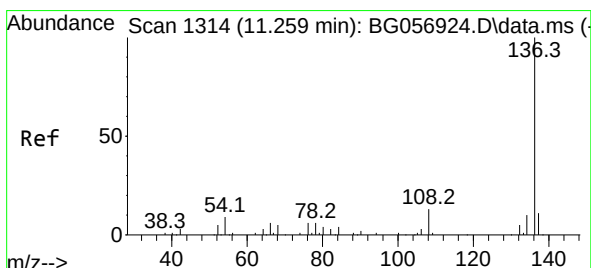
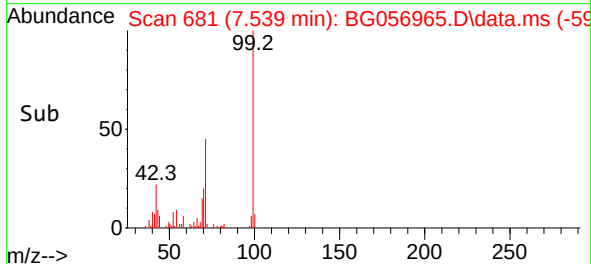
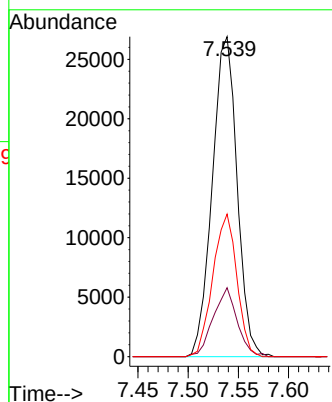
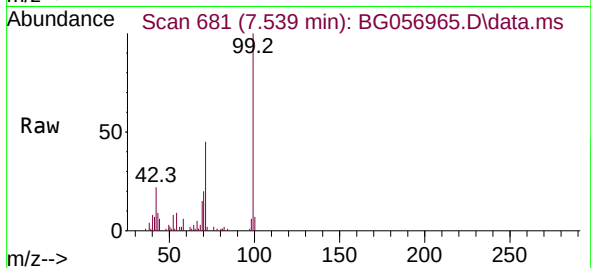




#7
Phenol-d6
Concen: 35.907 ng
RT: 7.539 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

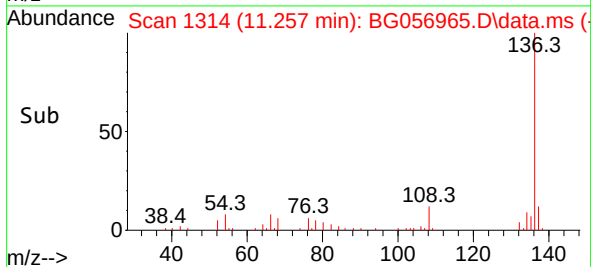
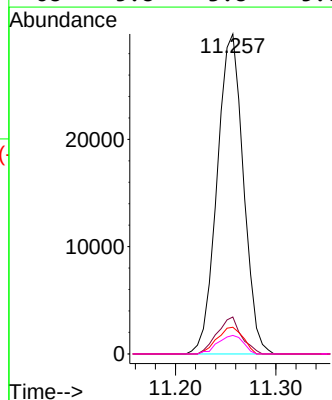
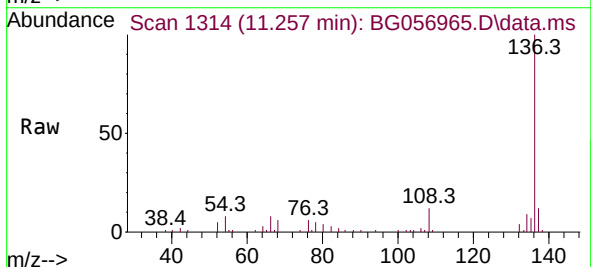
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-26

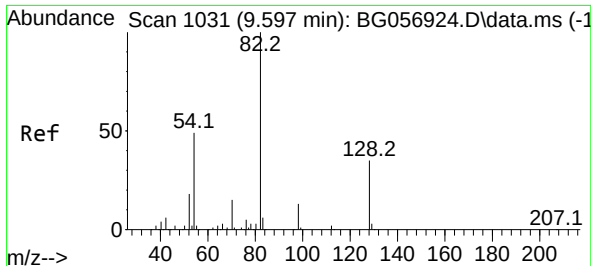
Tgt Ion: 99 Resp: 46256
Ion Ratio Lower Upper
99 100
42 21.6 15.7 23.5
71 44.5 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 1314
Delta R.T. -0.002 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

Tgt Ion: 136 Resp: 54243
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 8.3 6.9 10.3
68 5.8 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 87.435 ng

RT: 9.589 min Scan# 1030

Delta R.T. -0.008 min

Lab File: BG056965.D

Acq: 4 Apr 2023 14:29

Instrument :

BNA_G

ClientSampleId :

EB-2023-03-26

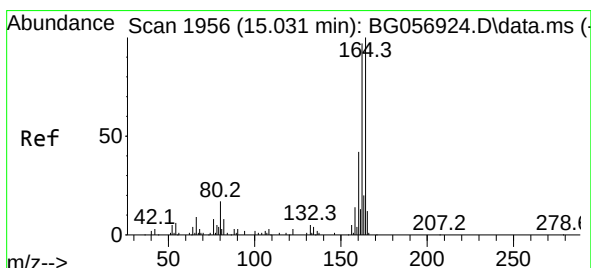
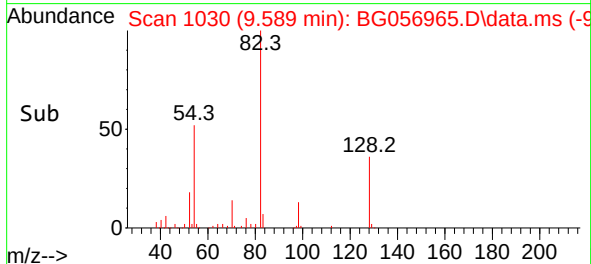
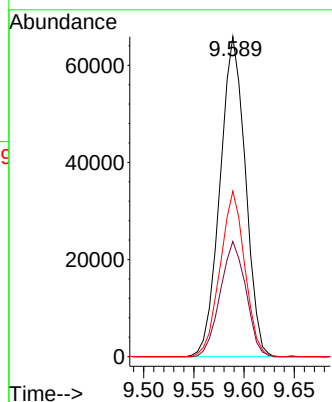
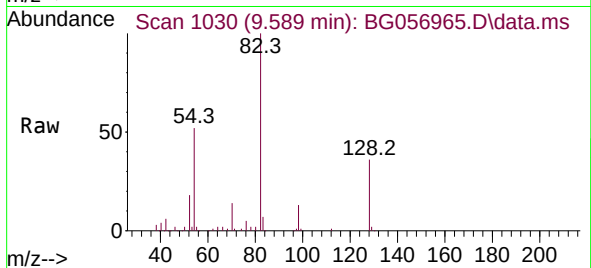
Tgt Ion: 82 Resp: 115910

Ion Ratio Lower Upper

82 100

128 36.0 27.9 41.9

54 51.7 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.029 min Scan# 1956

Delta R.T. -0.002 min

Lab File: BG056965.D

Acq: 4 Apr 2023 14:29

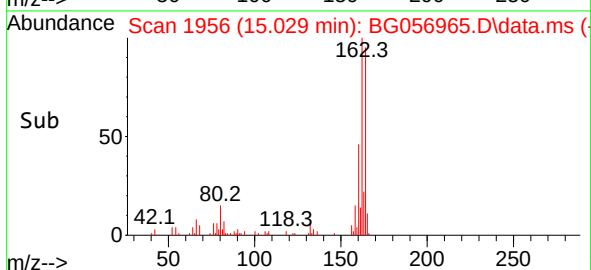
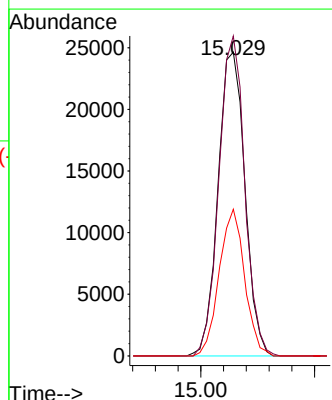
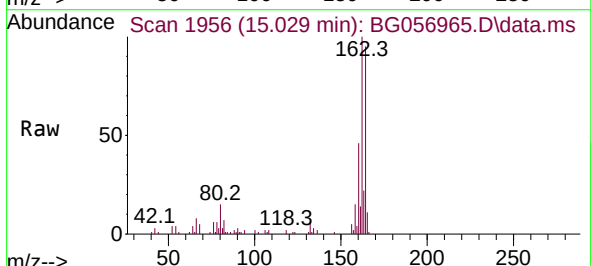
Tgt Ion: 164 Resp: 40467

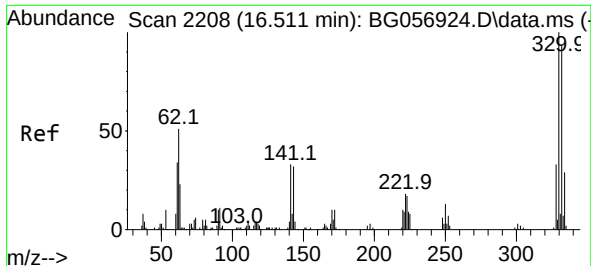
Ion Ratio Lower Upper

164 100

162 105.4 77.8 116.8

160 48.3 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 150.843 ng

RT: 16.509 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056965.D

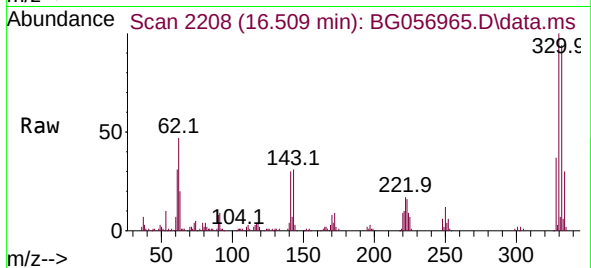
Acq: 4 Apr 2023 14:29

Instrument :

BNA_G

ClientSampleId :

EB-2023-03-26



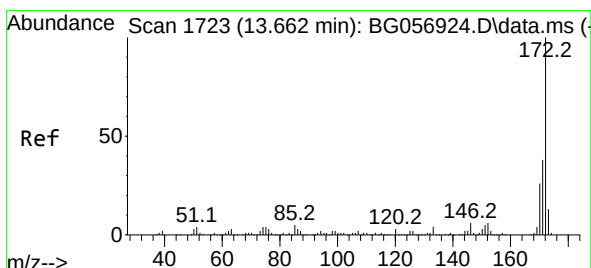
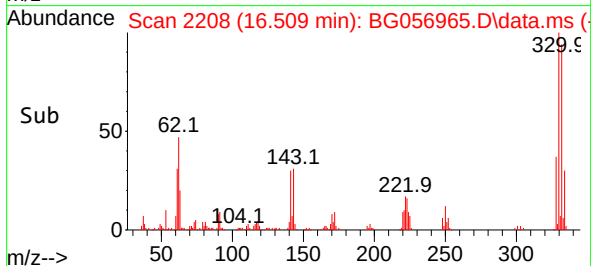
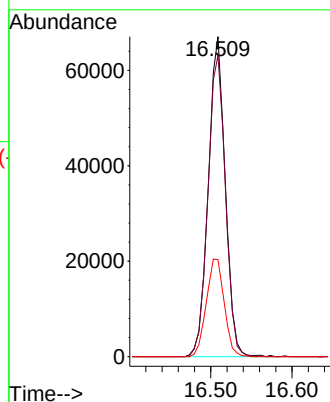
Tgt Ion:330 Resp: 97516

Ion Ratio Lower Upper

330 100

332 96.8 76.1 114.1

141 32.1 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 90.221 ng

RT: 13.654 min Scan# 1722

Delta R.T. -0.008 min

Lab File: BG056965.D

Acq: 4 Apr 2023 14:29

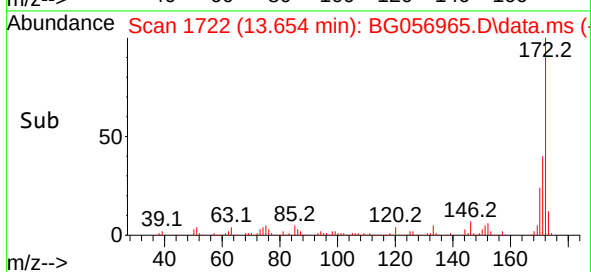
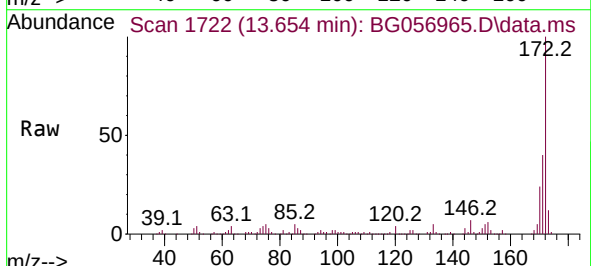
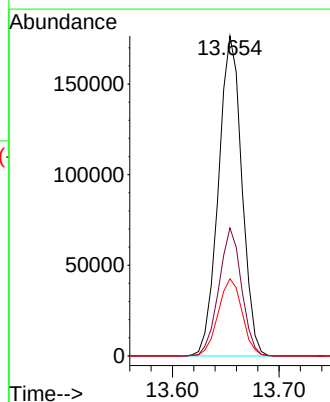
Tgt Ion:172 Resp: 269244

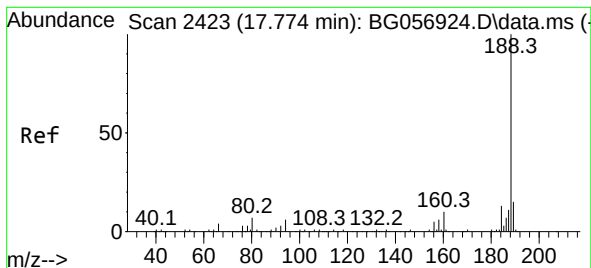
Ion Ratio Lower Upper

172 100

171 40.0 30.6 46.0

170 24.1 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.766 min Scan# 2422

Delta R.T. -0.008 min

Lab File: BG056965.D

Acq: 4 Apr 2023 14:29

Instrument :

BNA_G

ClientSampleId :

EB-2023-03-26

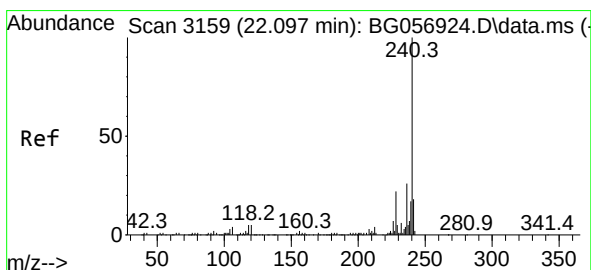
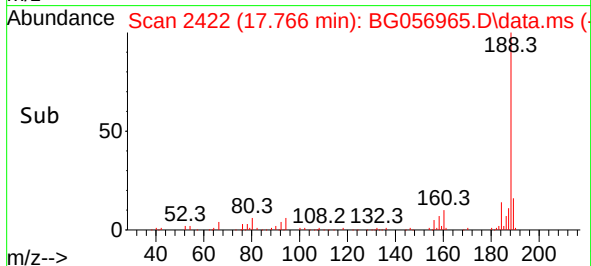
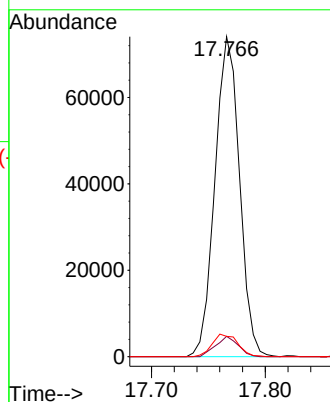
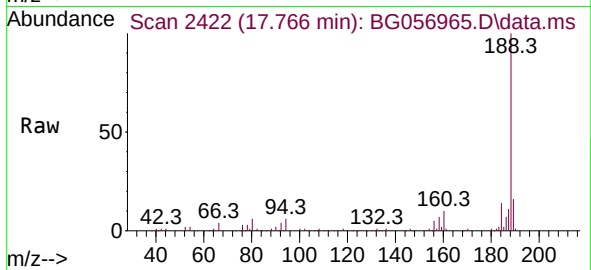
Tgt Ion:188 Resp: 111071

Ion Ratio Lower Upper

188 100

94 6.3 4.6 6.8

80 6.3 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.084 min Scan# 3157

Delta R.T. -0.014 min

Lab File: BG056965.D

Acq: 4 Apr 2023 14:29

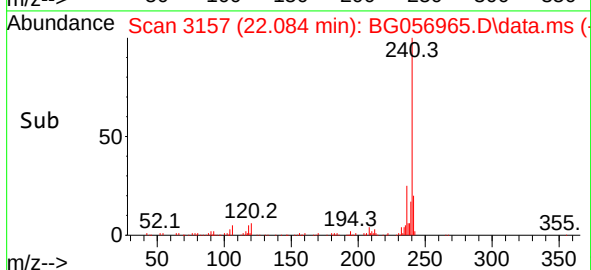
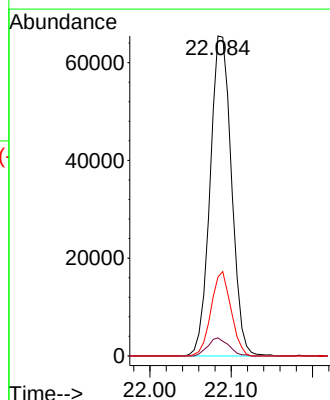
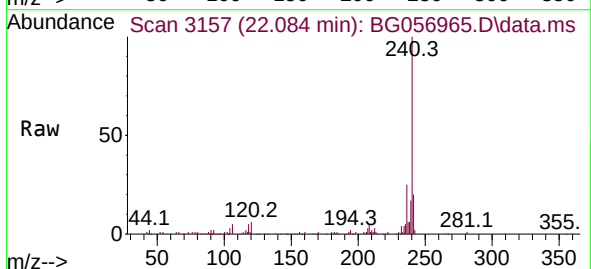
Tgt Ion:240 Resp: 119717

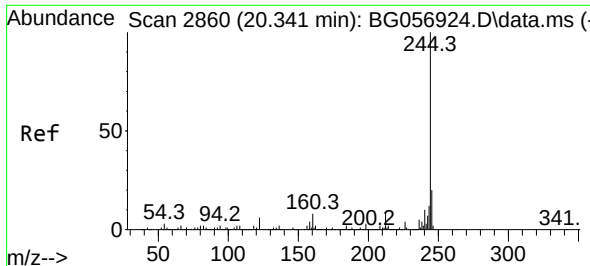
Ion Ratio Lower Upper

240 100

120 5.6 3.8 5.6

236 24.6 21.0 31.6

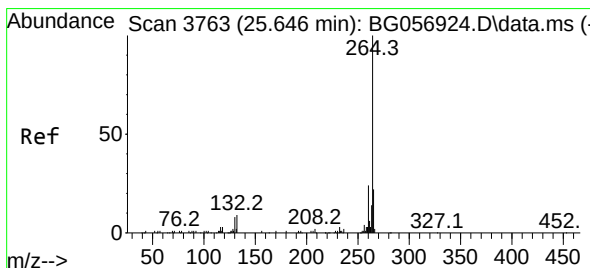
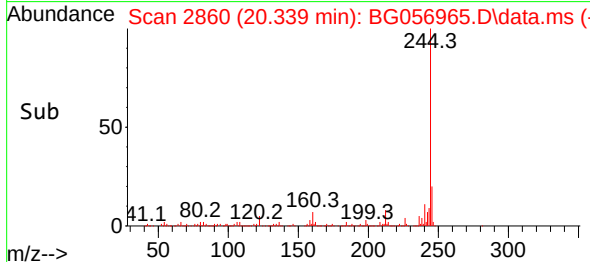
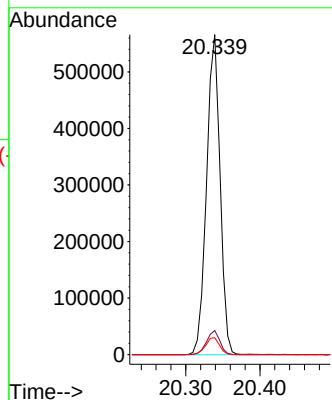
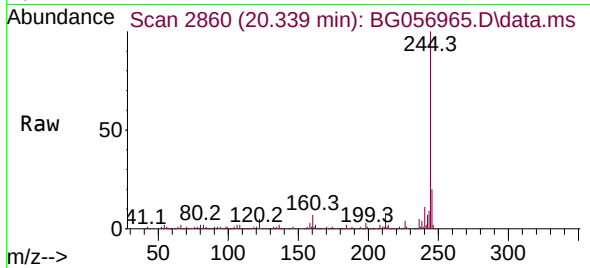




#79
 Terphenyl-d14
 Concen: 100.807 ng
 RT: 20.339 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056965.D
 Acq: 4 Apr 2023 14:29

Instrument :
 BNA_G
 ClientSampleId :
 EB-2023-03-26

Tgt Ion:244 Resp: 713188
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.632 min Scan# 3761
 Delta R.T. -0.014 min
 Lab File: BG056965.D
 Acq: 4 Apr 2023 14:29

Tgt Ion:264 Resp: 123762
 Ion Ratio Lower Upper
 264 100
 260 21.6 19.0 28.4
 265 20.6 17.8 26.6

