

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
 Data File : BG057011.D
 Acq On : 6 Apr 2023 14:01
 Operator : CG/JU
 Sample : PB151924BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151924BL

Quant Time: Apr 07 01:37:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 01:33:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	12222	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	53161	20.000	ng	0.00
39) Acenaphthene-d10	15.022	164	45909	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	120679	20.000	ng	0.00
76) Chrysene-d12	22.077	240	97978	20.000	ng	-0.01
86) Perylene-d12	25.620	264	101230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	106554	139.530	ng	0.00
7) Phenol-d6	7.544	99	159446	139.602	ng	0.00
23) Nitrobenzene-d5	9.588	82	102784	79.112	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	96259	131.248	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	278004	82.114	ng	0.00
79) Terphenyl-d14	20.327	244	552871	95.485	ng	0.00

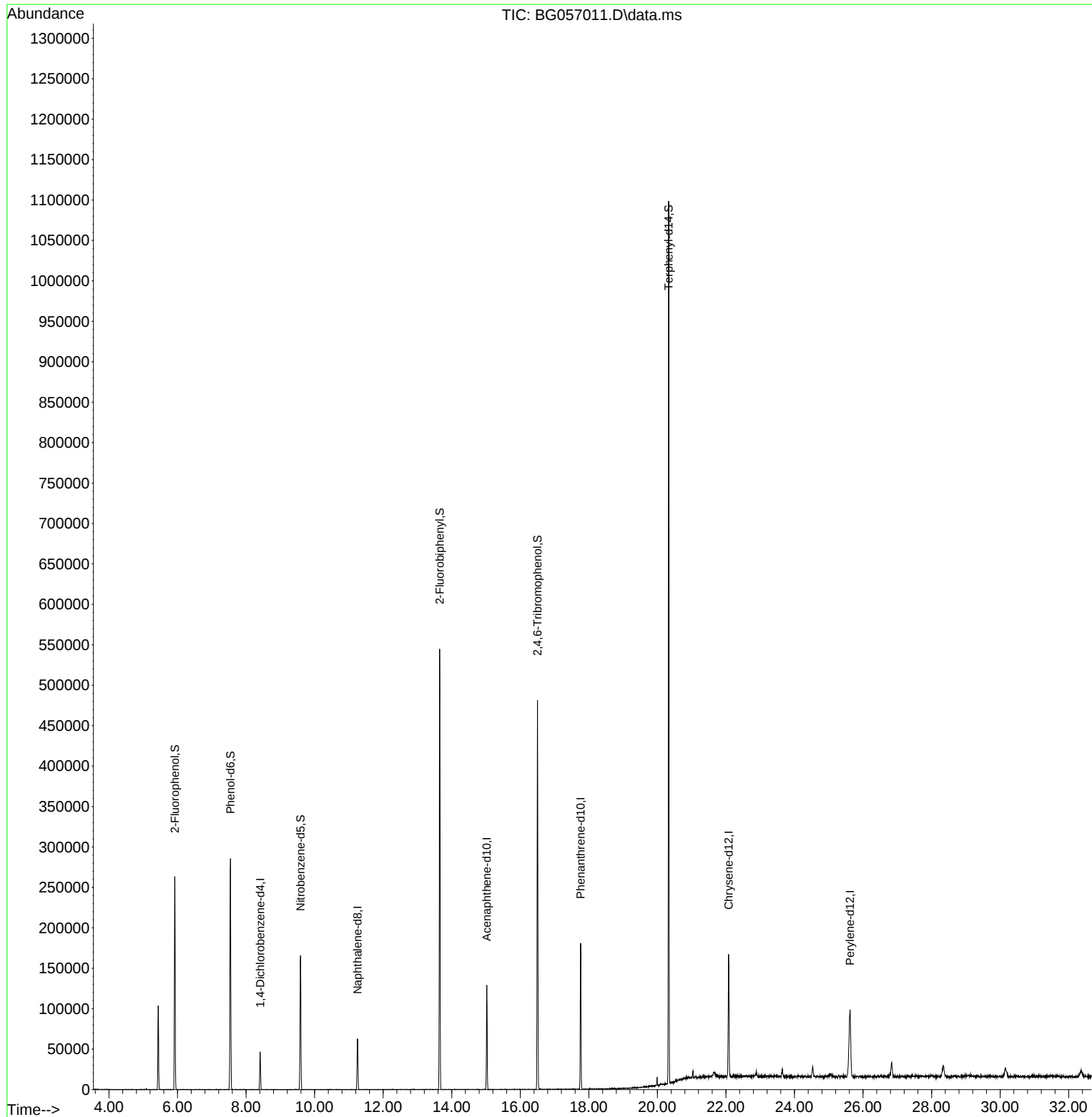
Target Compounds	Qvalue

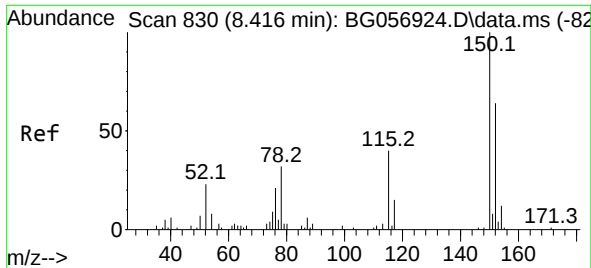
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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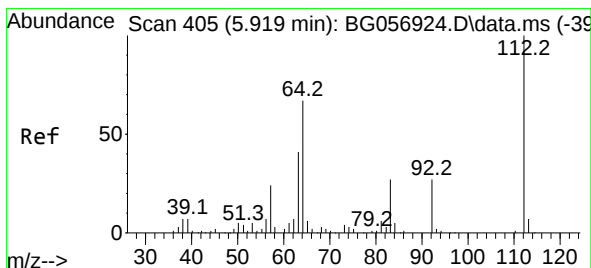
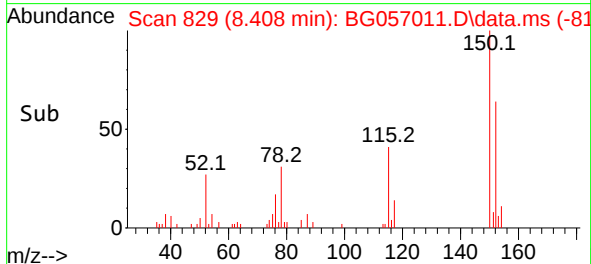
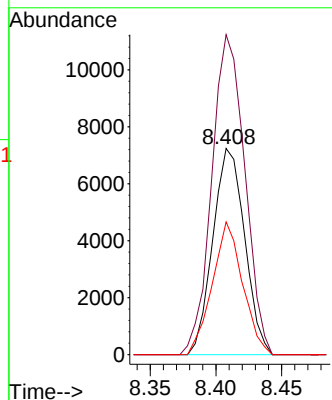
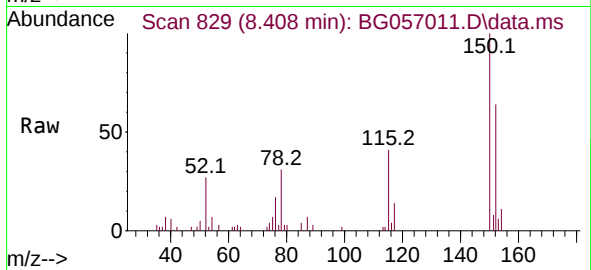




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

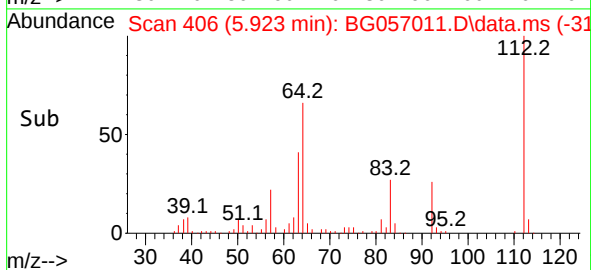
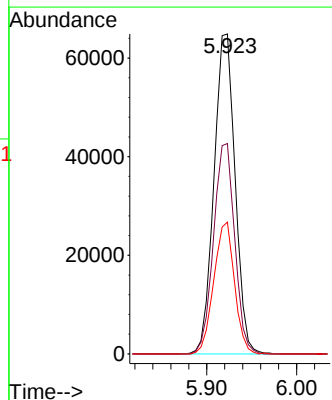
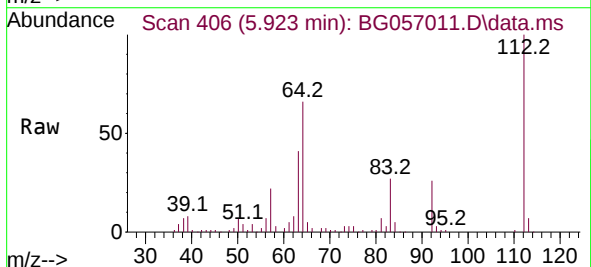
Instrument :
BNA_G
ClientSampleId :
PB151924BL

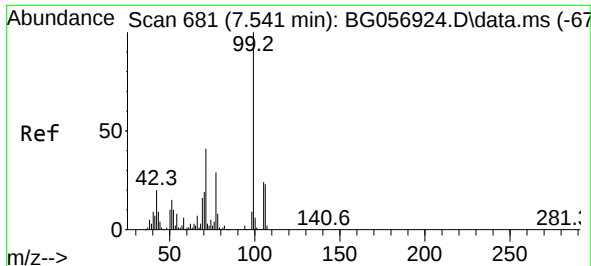
Tgt Ion:152 Resp: 12222
Ion Ratio Lower Upper
152 100
150 155.2 124.1 186.1
115 64.4 49.1 73.7



#5
2-Fluorophenol
Concen: 139.530 ng
RT: 5.923 min Scan# 406
Delta R.T. 0.006 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

Tgt Ion:112 Resp: 106554
Ion Ratio Lower Upper
112 100
64 65.7 53.2 79.8
63 41.2 32.6 48.8

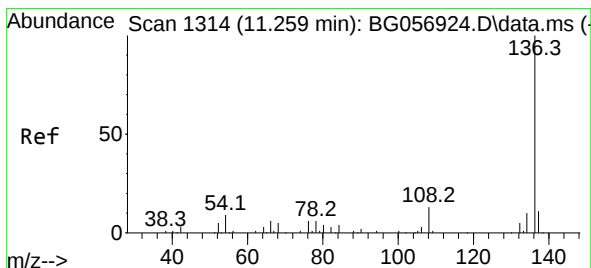
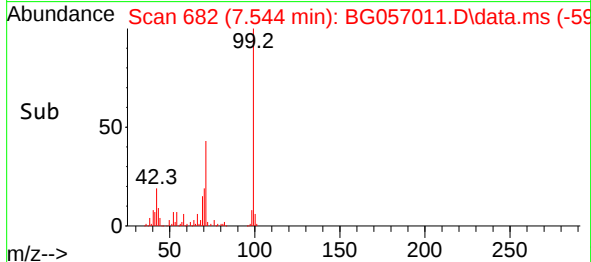
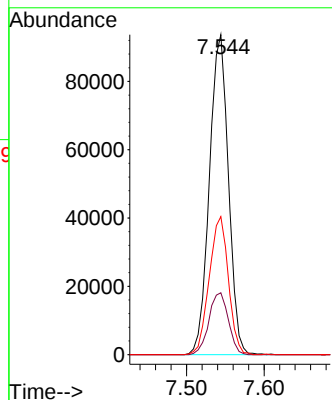
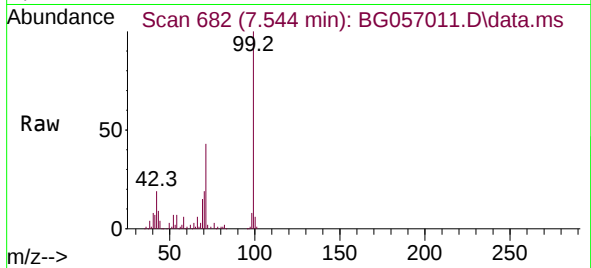




#7
Phenol-d6
Concen: 139.602 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

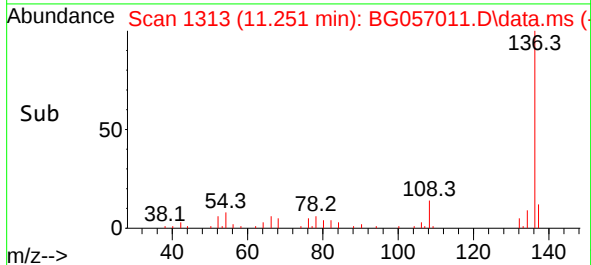
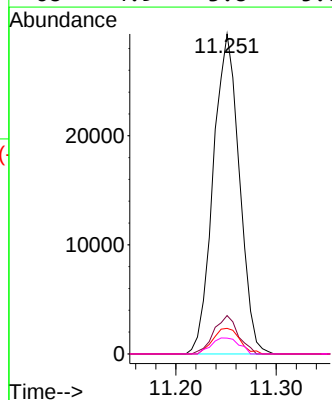
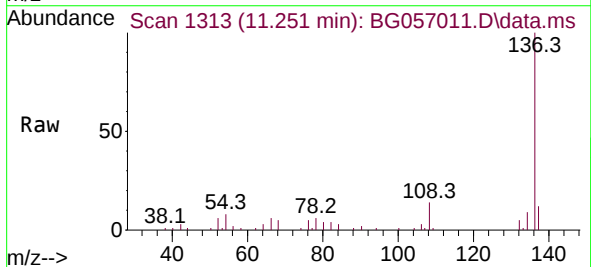
Instrument :
BNA_G
ClientSampleId :
PB151924BL

Tgt Ion: 99 Resp: 159446
Ion Ratio Lower Upper
99 100
42 19.3 15.7 23.5
71 43.1 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.251 min Scan# 1313
Delta R.T. 0.001 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

Tgt Ion: 136 Resp: 53161
Ion Ratio Lower Upper
136 100
137 12.0 8.6 13.0
54 8.0 6.9 10.3
68 4.9 3.8 5.6





#23

Nitrobenzene-d5

Concen: 79.112 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.005 min

Lab File: BG057011.D

Acq: 6 Apr 2023 14:01

Instrument :

BNA_G

ClientSampleId :

PB151924BL

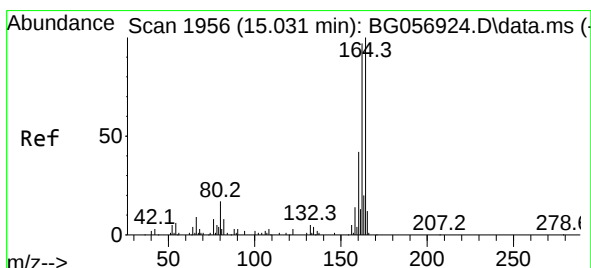
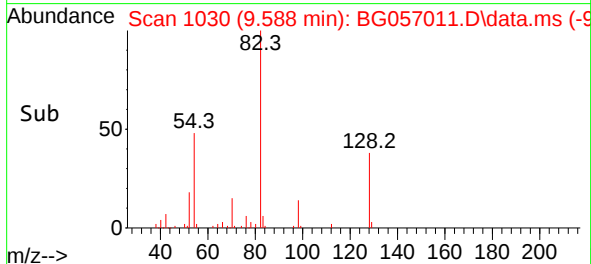
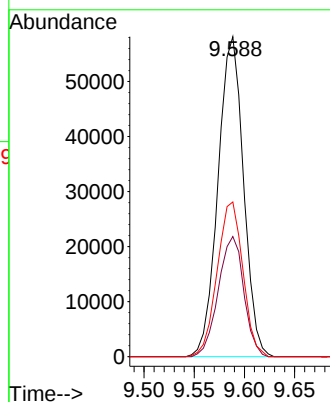
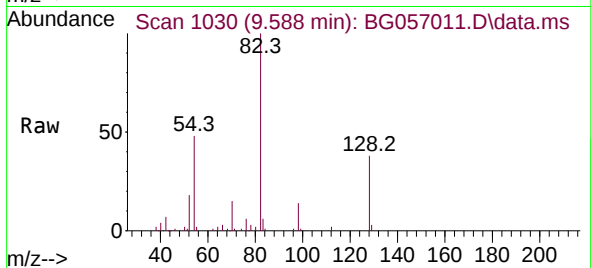
Tgt Ion: 82 Resp: 102784

Ion Ratio Lower Upper

82 100

128 37.5 27.9 41.9

54 48.3 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.005 min

Lab File: BG057011.D

Acq: 6 Apr 2023 14:01

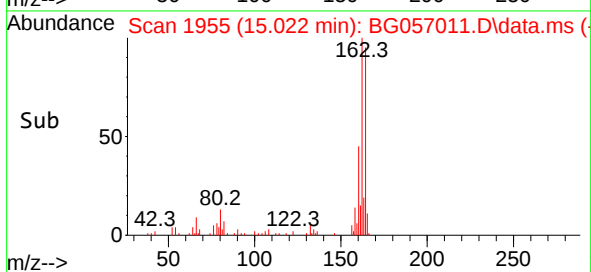
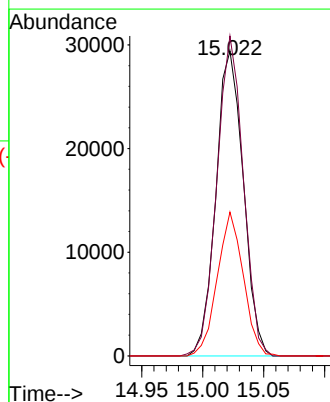
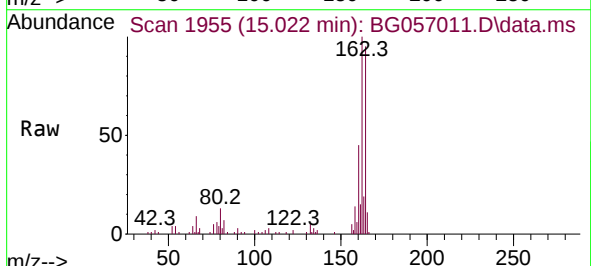
Tgt Ion:164 Resp: 45909

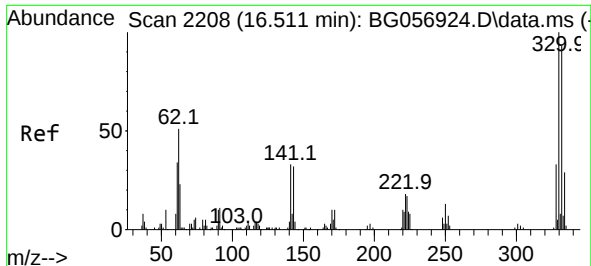
Ion Ratio Lower Upper

164 100

162 105.0 77.8 116.8

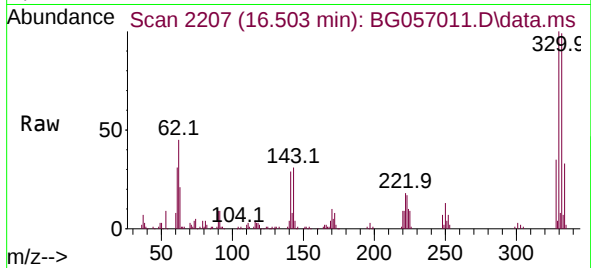
160 47.1 33.5 50.3



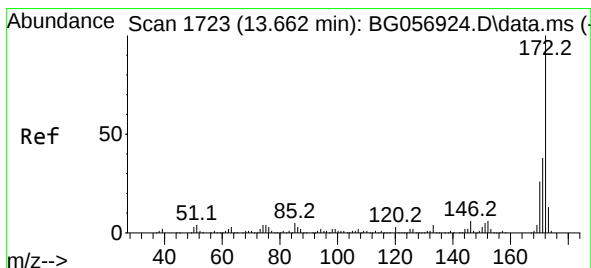
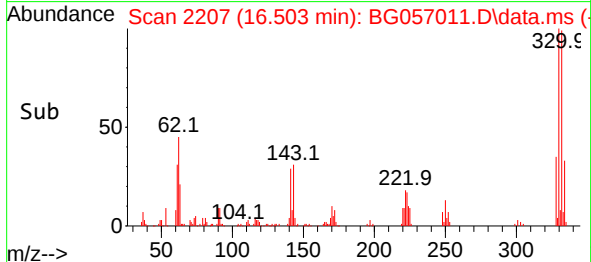
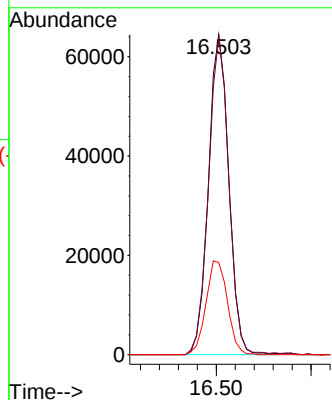


#42
2,4,6-Tribromophenol
Concen: 131.248 ng
RT: 16.503 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

Instrument :
BNA_G
ClientSampleId :
PB151924BL

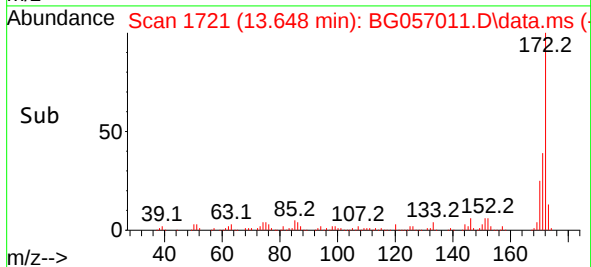
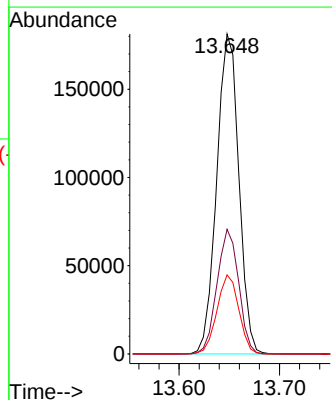
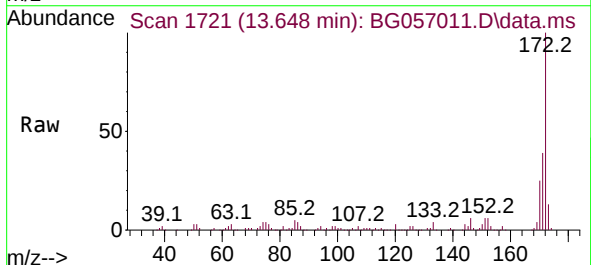


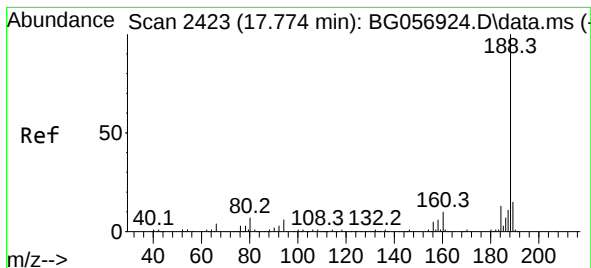
Tgt Ion:330 Resp: 96259
Ion Ratio Lower Upper
330 100
332 99.3 76.1 114.1
141 30.8 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 82.114 ng
RT: 13.648 min Scan# 1721
Delta R.T. -0.005 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

Tgt Ion:172 Resp: 278004
Ion Ratio Lower Upper
172 100
171 38.9 30.6 46.0
170 24.7 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.760 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG057011.D

Acq: 6 Apr 2023 14:01

Instrument :

BNA_G

ClientSampleId :

PB151924BL

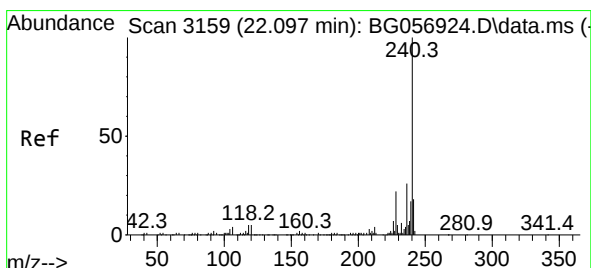
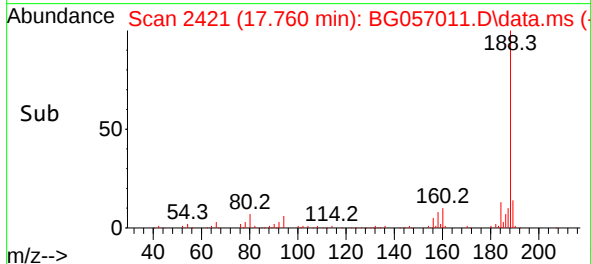
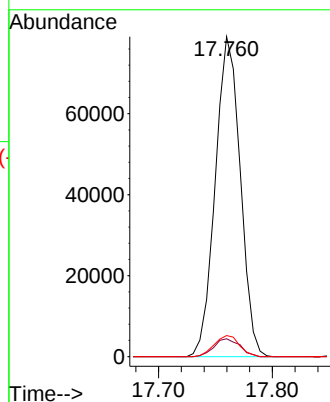
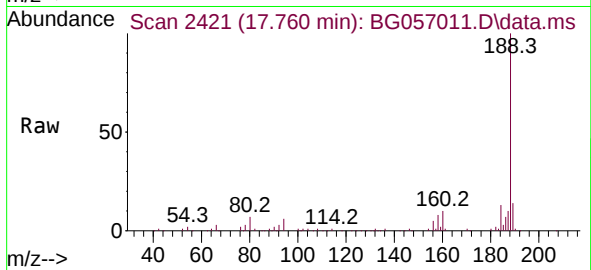
Tgt Ion:188 Resp: 120679

Ion Ratio Lower Upper

188 100

94 5.6 4.6 6.8

80 6.6 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.077 min Scan# 3156

Delta R.T. -0.011 min

Lab File: BG057011.D

Acq: 6 Apr 2023 14:01

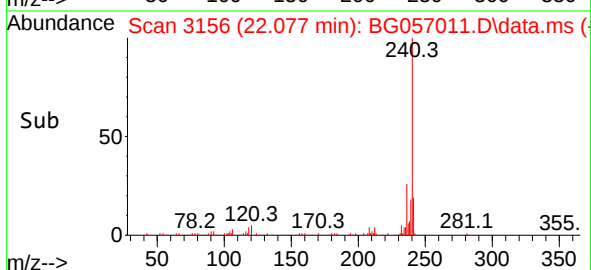
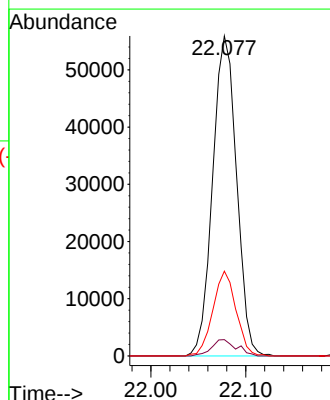
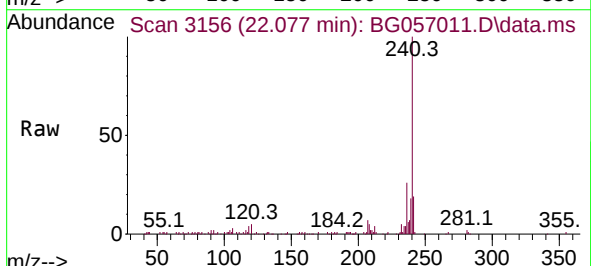
Tgt Ion:240 Resp: 97978

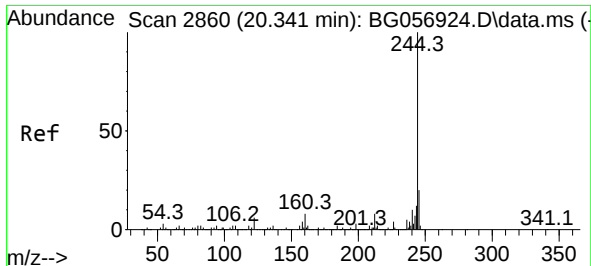
Ion Ratio Lower Upper

240 100

120 5.1 3.8 5.6

236 26.5 21.0 31.6

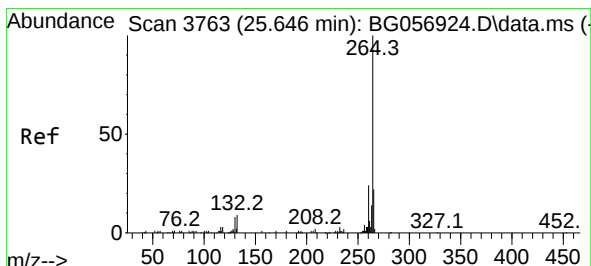
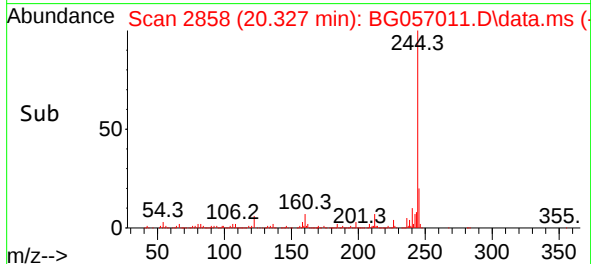
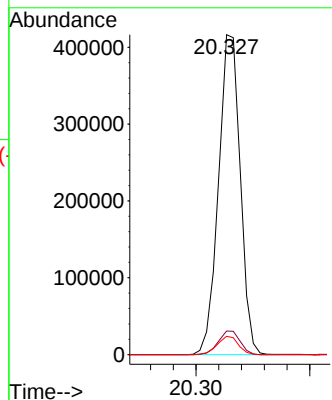
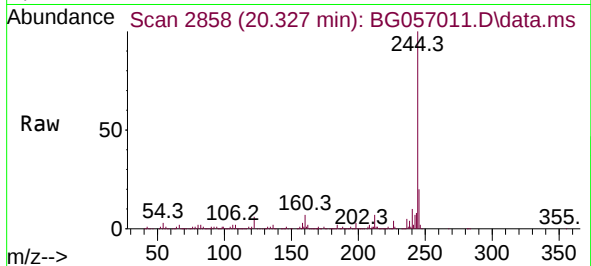




#79
 Terphenyl-d14
 Concen: 95.485 ng
 RT: 20.327 min Scan# 2860
 Delta R.T. -0.005 min
 Lab File: BG057011.D
 Acq: 6 Apr 2023 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB151924BL

Tgt Ion:244 Resp: 552871
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 5.7 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.620 min Scan# 3759
 Delta R.T. -0.005 min
 Lab File: BG057011.D
 Acq: 6 Apr 2023 14:01

Tgt Ion:264 Resp: 101230
 Ion Ratio Lower Upper
 264 100
 260 27.0 19.0 28.4
 265 22.7 17.8 26.6

