

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057056.D
 Acq On : 11 Apr 2023 16:56
 Operator : CG/JU
 Sample : 02271-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2-040723

Quant Time: Apr 12 04:41:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	17125	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	67905	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	45666	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	105987	20.000	ng	0.00
76) Chrysene-d12	22.077	240	99736	20.000	ng	0.00
86) Perylene-d12	25.613	264	106444	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	73904	69.068	ng	0.00
7) Phenol-d6	7.538	99	63335	39.576	ng	0.00
23) Nitrobenzene-d5	9.588	82	158044	95.233	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	114242	156.597	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	344331	102.246	ng	0.00
79) Terphenyl-d14	20.326	244	611534	103.755	ng	0.00

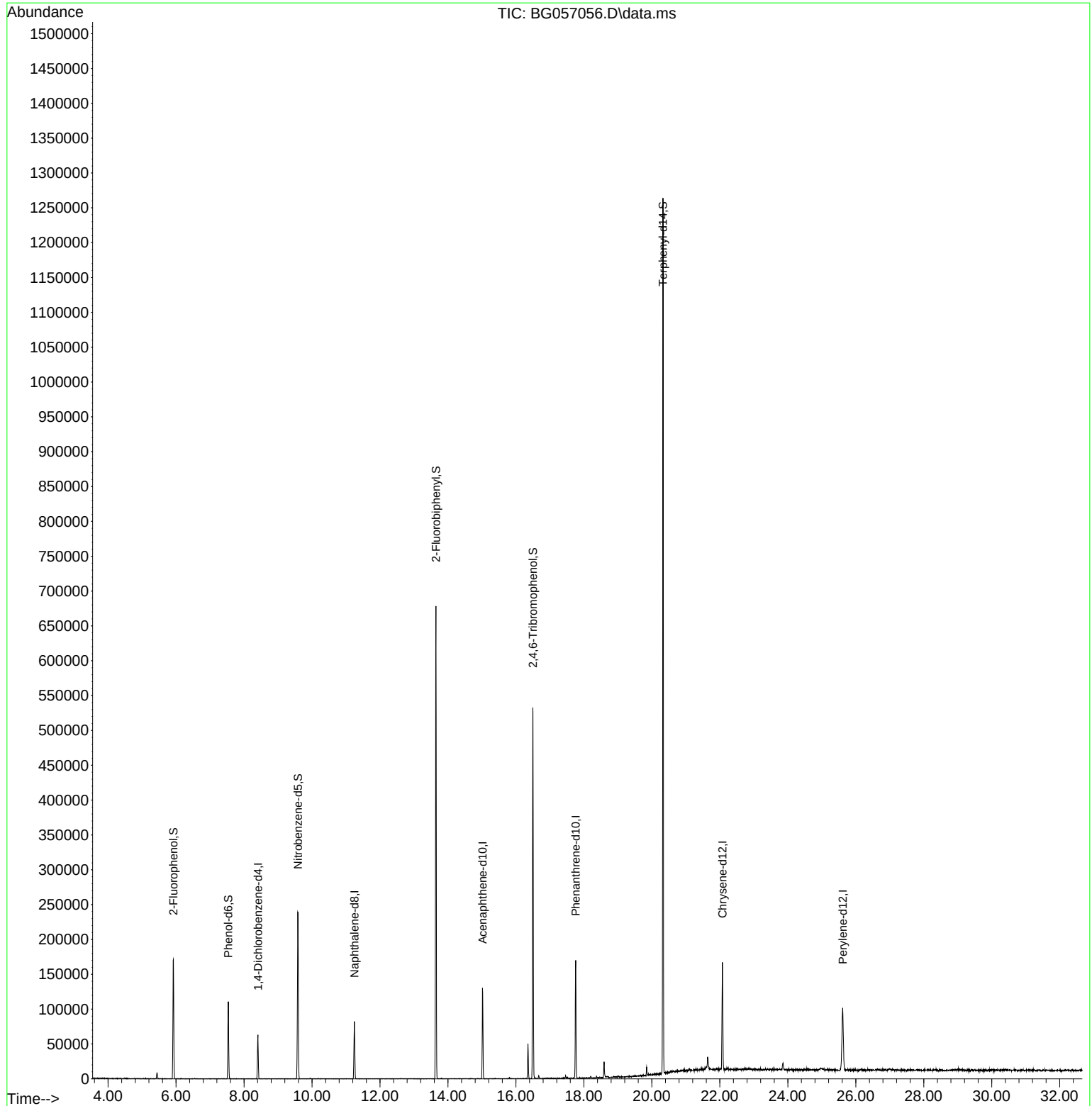
Target Compounds Qvalue

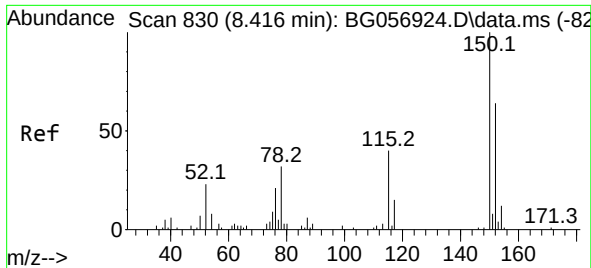
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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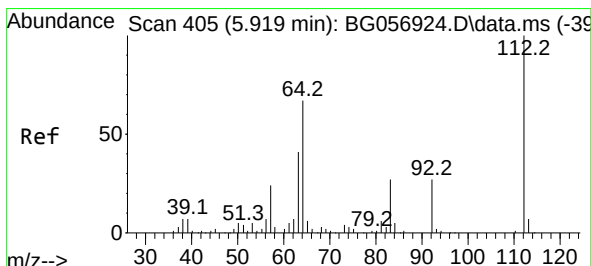
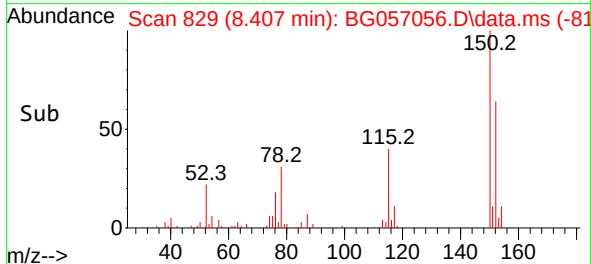
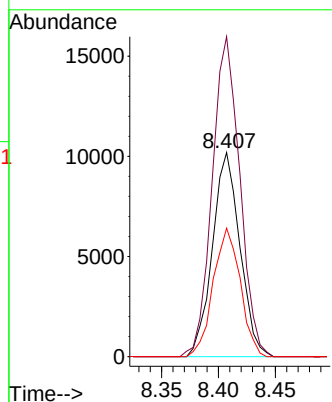
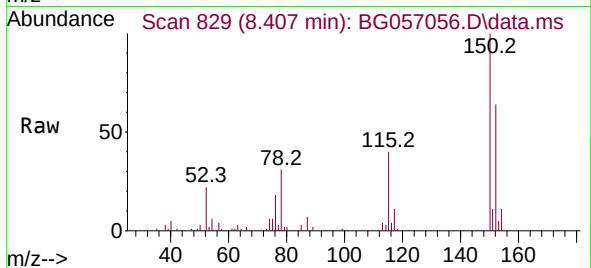




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

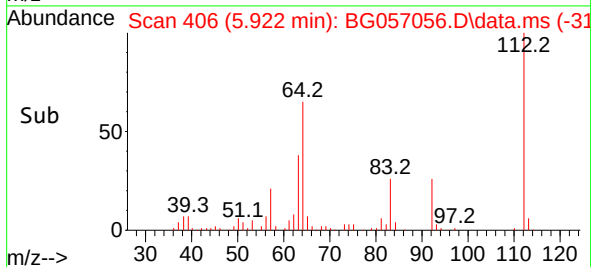
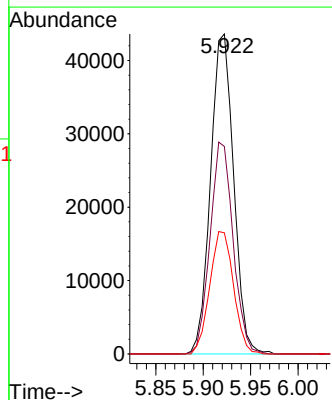
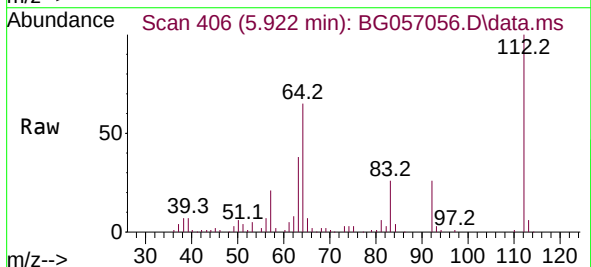
Instrument :
BNA_G
ClientSampleId :
MW-2-040723

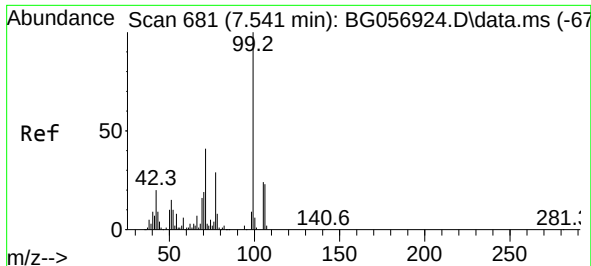
Tgt Ion:152 Resp: 17125
Ion Ratio Lower Upper
152 100
150 156.8 124.1 186.1
115 62.9 49.1 73.7



#5
2-Fluorophenol
Concen: 69.068 ng
RT: 5.922 min Scan# 406
Delta R.T. 0.005 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

Tgt Ion:112 Resp: 73904
Ion Ratio Lower Upper
112 100
64 64.8 53.2 79.8
63 37.8 32.6 48.8

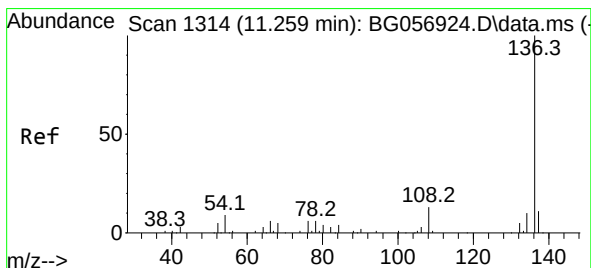
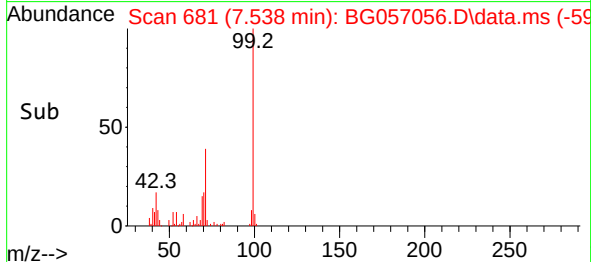
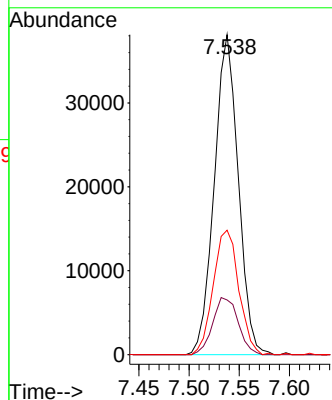
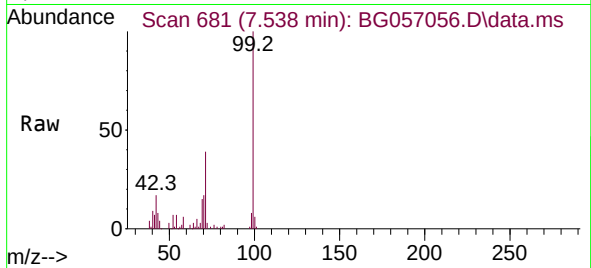




#7
Phenol-d6
Concen: 39.576 ng
RT: 7.538 min Scan# 681
Delta R.T. -0.000 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

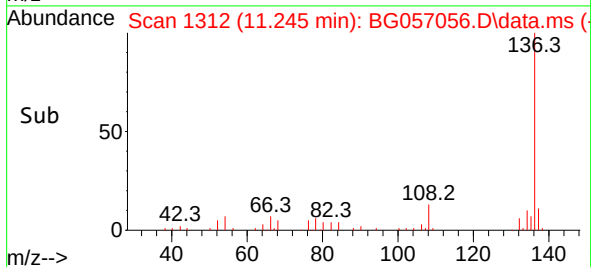
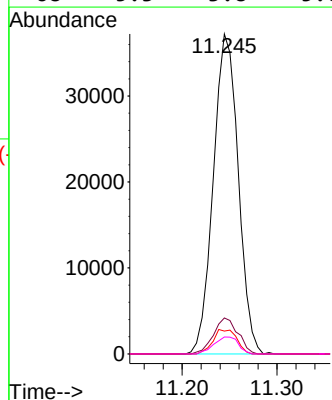
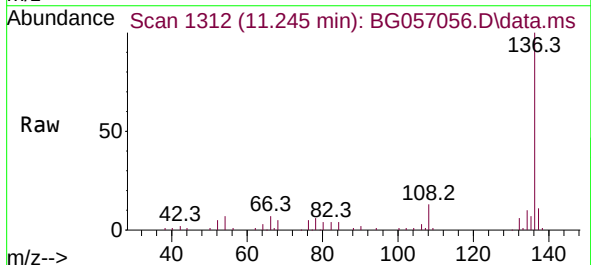
Instrument :
BNA_G
ClientSampleId :
MW-2-040723

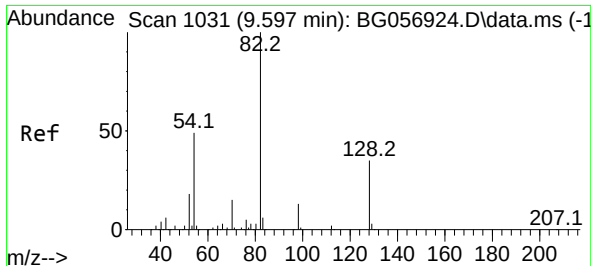
Tgt Ion: 99 Resp: 63335
Ion Ratio Lower Upper
99 100
42 17.1 15.7 23.5
71 38.9 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

Tgt Ion: 136 Resp: 67905
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.1 6.9 10.3
68 5.3 3.8 5.6





#23

Nitrobenzene-d5

Concen: 95.233 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BG057056.D

Acq: 11 Apr 2023 16:56

Instrument :

BNA_G

ClientSampleId :

MW-2-040723

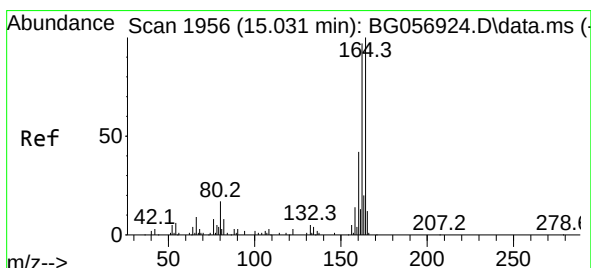
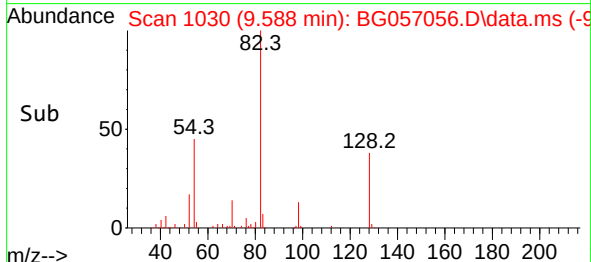
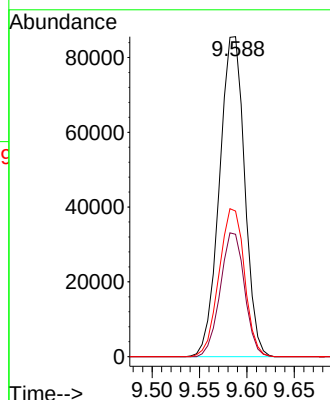
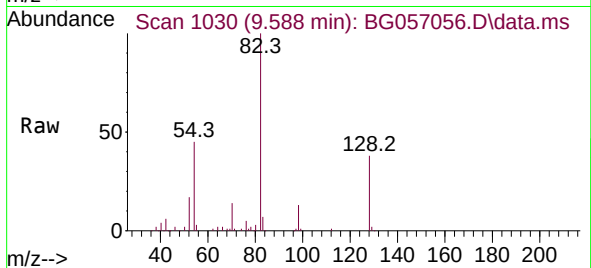
Tgt Ion: 82 Resp: 158044

Ion Ratio Lower Upper

82 100

128 38.2 27.9 41.9

54 45.5 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BG057056.D

Acq: 11 Apr 2023 16:56

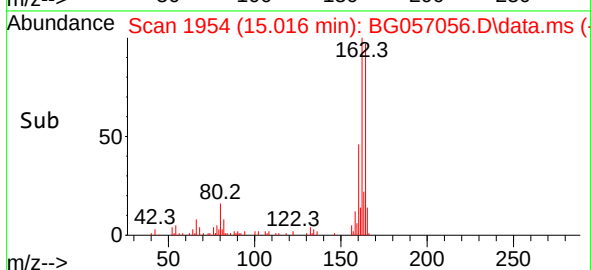
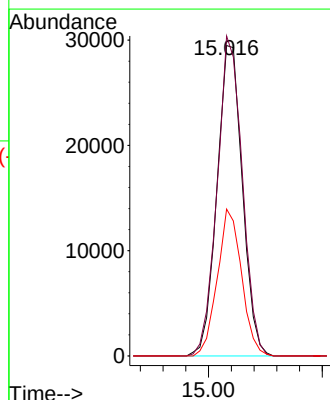
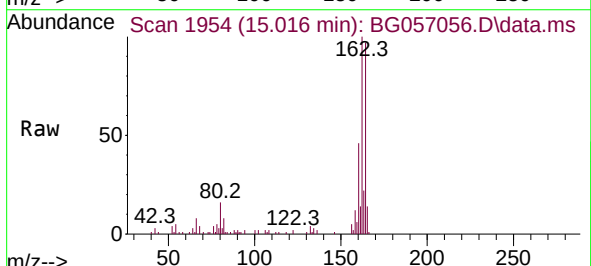
Tgt Ion:164 Resp: 45666

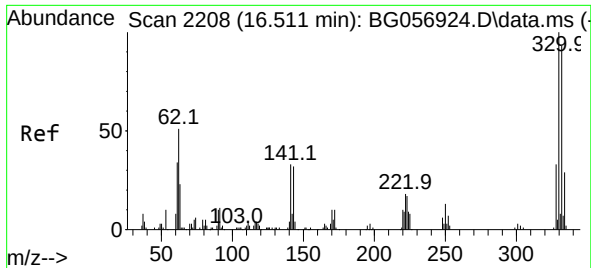
Ion Ratio Lower Upper

164 100

162 103.1 77.8 116.8

160 47.3 33.5 50.3

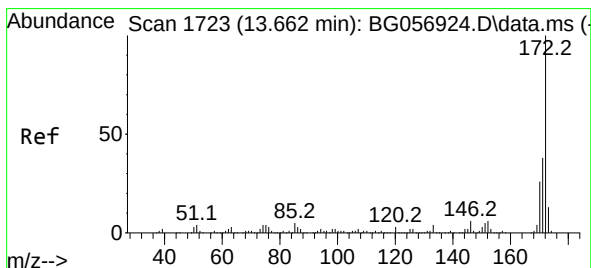
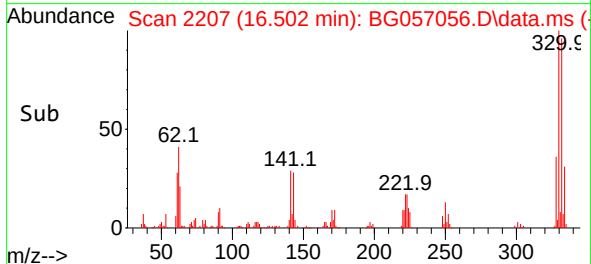
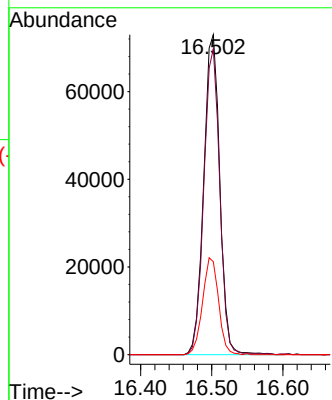
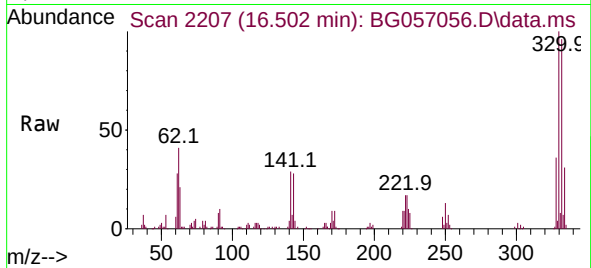




#42
2,4,6-Tribromophenol
Concen: 156.597 ng
RT: 16.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

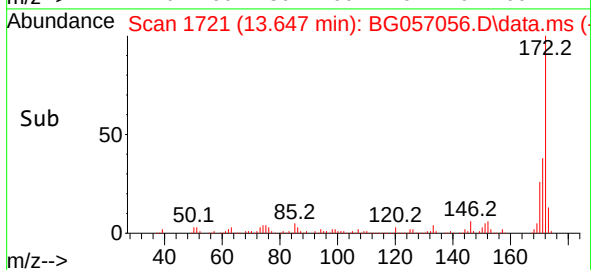
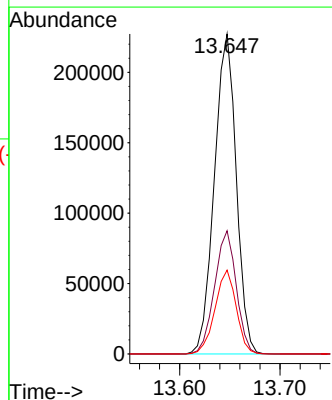
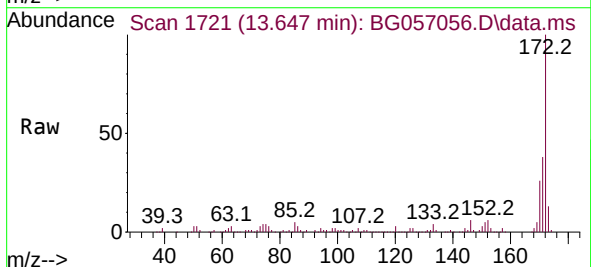
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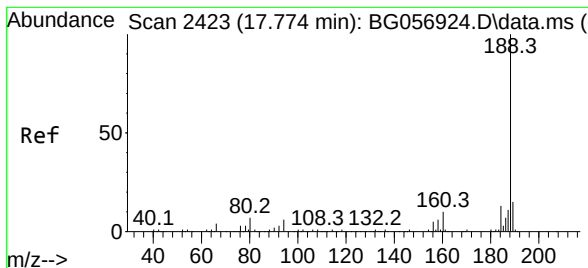
Tgt Ion:330 Resp: 114242
Ion Ratio Lower Upper
330 100
332 94.5 76.1 114.1
141 30.1 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 102.246 ng
RT: 13.647 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

Tgt Ion:172 Resp: 344331
Ion Ratio Lower Upper
172 100
171 38.5 30.6 46.0
170 26.2 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.759 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BG057056.D

Acq: 11 Apr 2023 16:56

Instrument :

BNA_G

ClientSampleId :

MW-2-040723

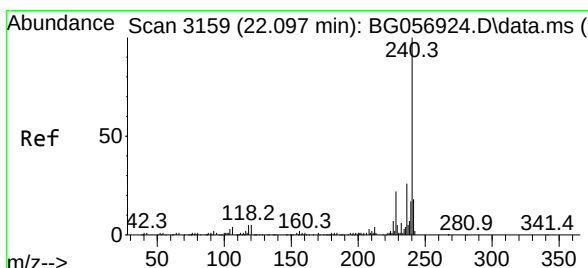
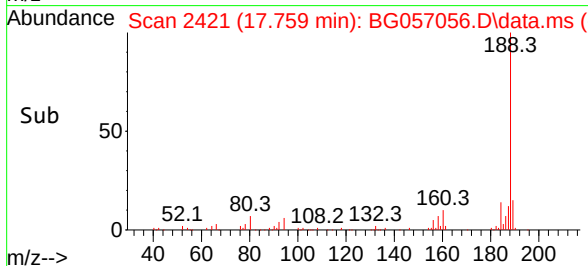
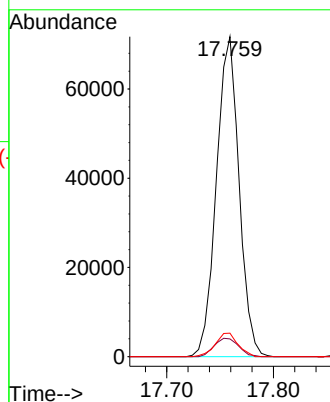
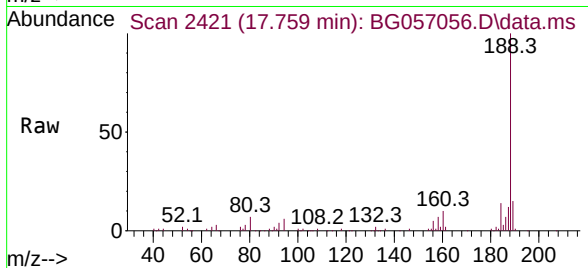
Tgt Ion:188 Resp: 105987

Ion Ratio Lower Upper

188 100

94 5.5 4.6 6.8

80 7.3 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.077 min Scan# 3156

Delta R.T. -0.006 min

Lab File: BG057056.D

Acq: 11 Apr 2023 16:56

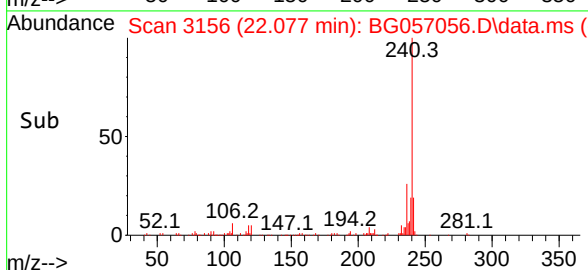
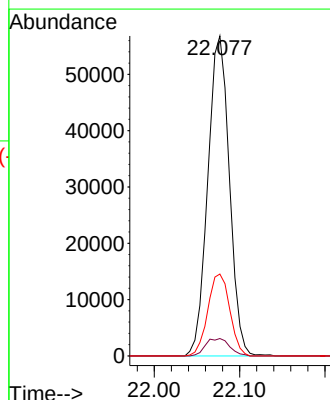
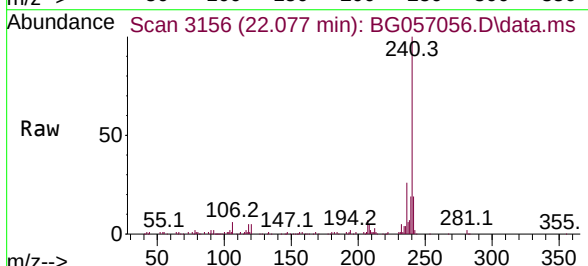
Tgt Ion:240 Resp: 99736

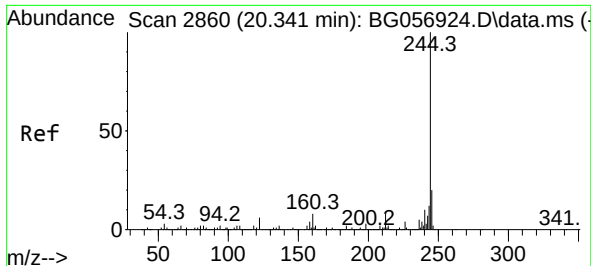
Ion Ratio Lower Upper

240 100

120 5.4 3.8 5.6

236 25.6 21.0 31.6

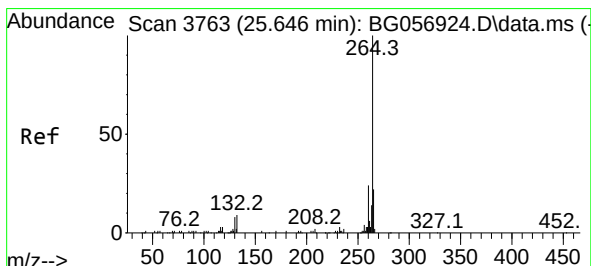
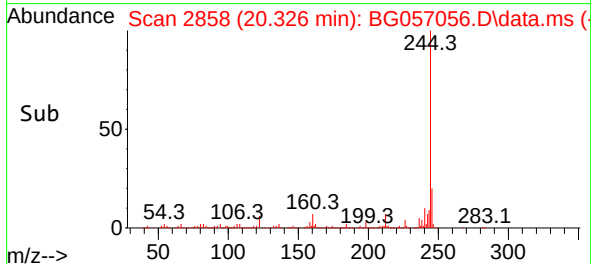
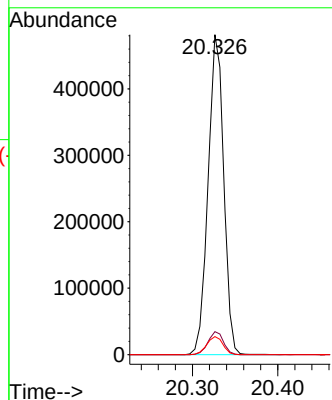
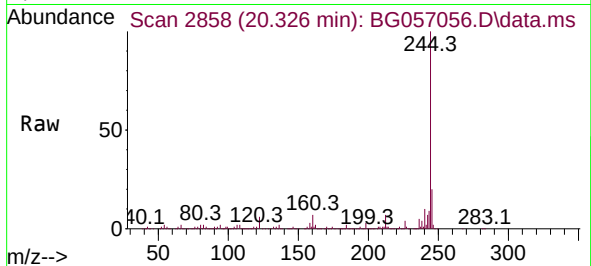




#79
 Terphenyl-d14
 Concen: 103.755 ng
 RT: 20.326 min Scan# 2860
 Delta R.T. -0.000 min
 Lab File: BG057056.D
 Acq: 11 Apr 2023 16:56

Instrument :
 BNA_G
 ClientSampleId :
 MW-2-040723

Tgt Ion:244 Resp: 611534
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 5.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.613 min Scan# 3758
 Delta R.T. -0.018 min
 Lab File: BG057056.D
 Acq: 11 Apr 2023 16:56

Tgt Ion:264 Resp: 106444
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.0 28.4
 265 22.2 17.8 26.6

