

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
 Data File : BG057877.D
 Acq On : 27 Jun 2023 22:03
 Operator : CG/JU
 Sample : 03339-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Quant Time: Jun 28 02:40:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	26313	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	129340	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	102881	20.000	ng	# 0.00
64) Phenanthrene-d10	17.295	188	278745	20.000	ng	0.00
76) Chrysene-d12	21.549	240	246099	20.000	ng	0.00
86) Perylene-d12	24.698	264	295302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	117648	68.408	ng	0.00
7) Phenol-d6	7.078	99	124272	48.322	ng	0.00
23) Nitrobenzene-d5	9.081	82	220821	83.671	ng	0.00
42) 2,4,6-Tribromophenol	16.044	330	224813	130.101	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	550517	81.659	ng	0.00
79) Terphenyl-d14	19.916	244	1175189	87.057	ng	0.00

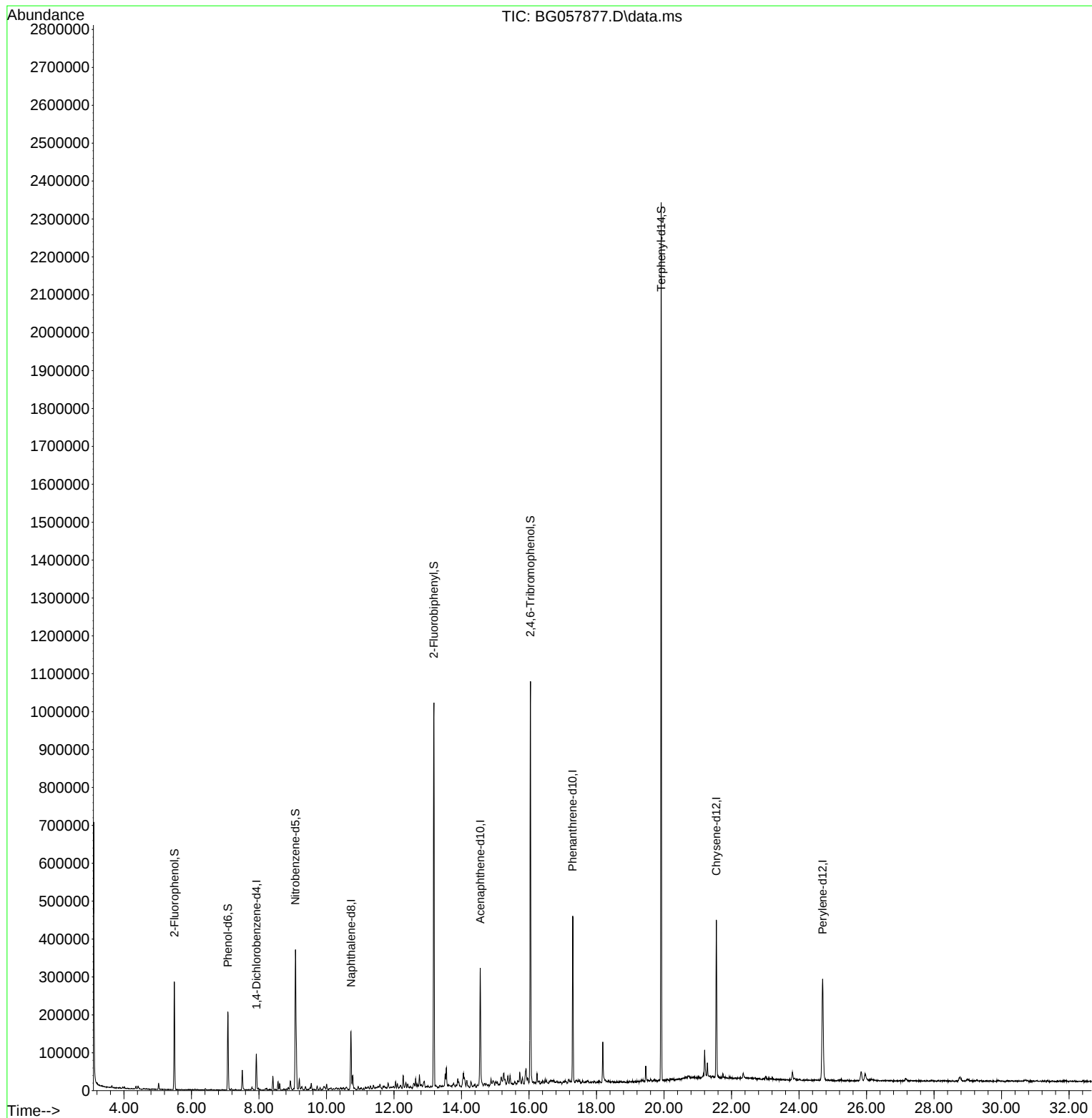
Target Compounds	Qvalue

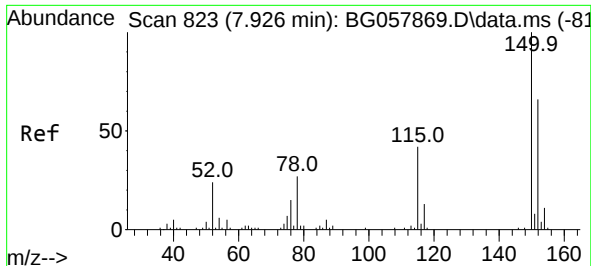
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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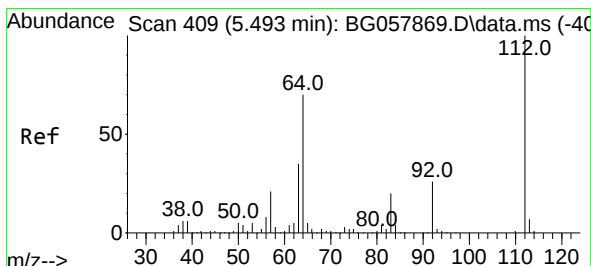
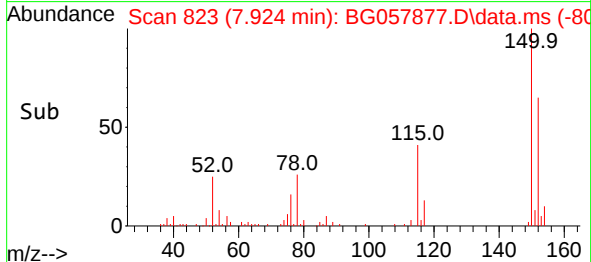
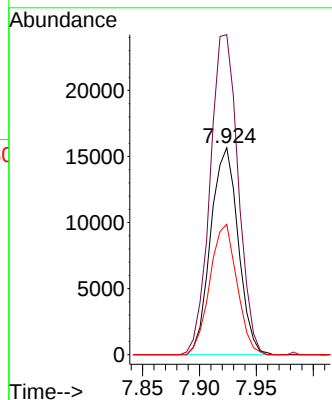
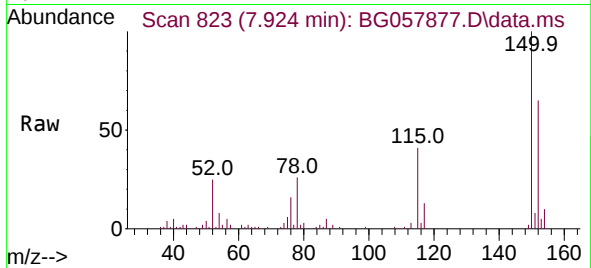




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

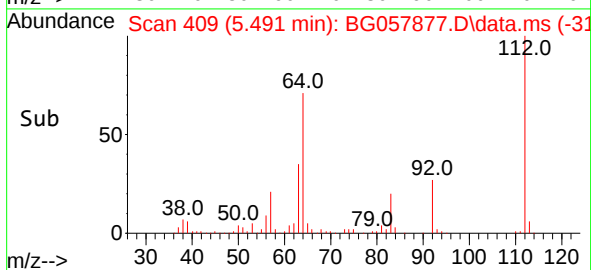
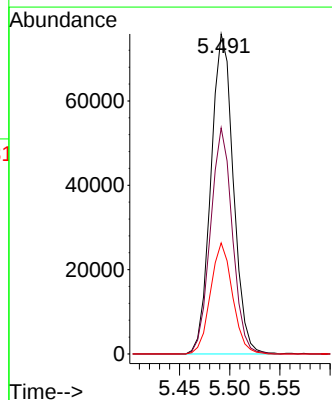
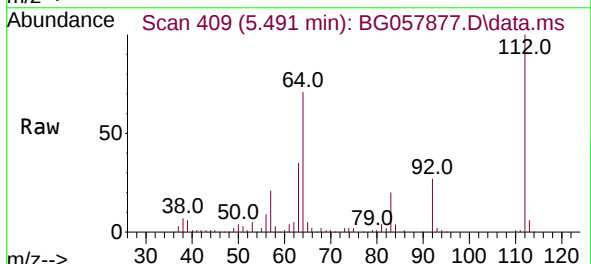
Instrument :
BNA_G
ClientSampleId :
MW-10

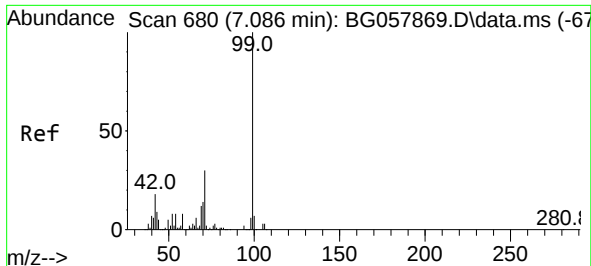
Tgt Ion:152 Resp: 26313
Ion Ratio Lower Upper
152 100
150 154.7 122.0 183.0
115 63.0 50.7 76.1



#5
2-Fluorophenol
Concen: 68.408 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.002 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

Tgt Ion:112 Resp: 117648
Ion Ratio Lower Upper
112 100
64 70.6 55.8 83.6
63 34.7 27.9 41.9

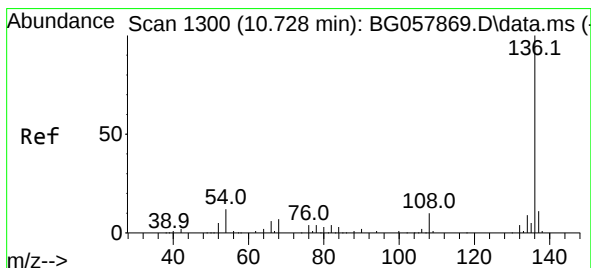
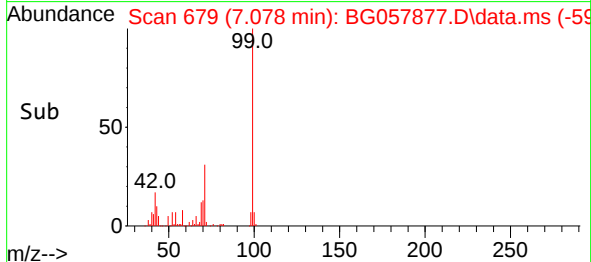
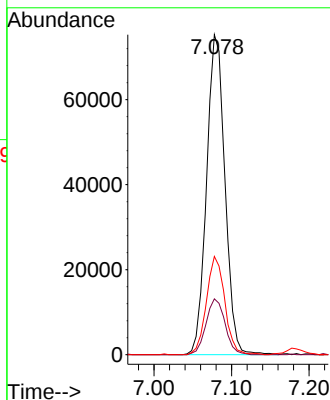
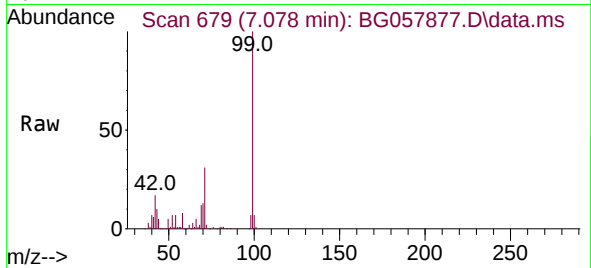




#7
Phenol-d6
Concen: 48.322 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

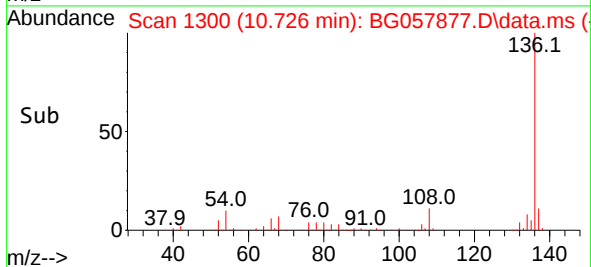
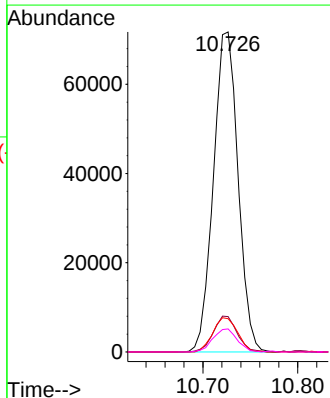
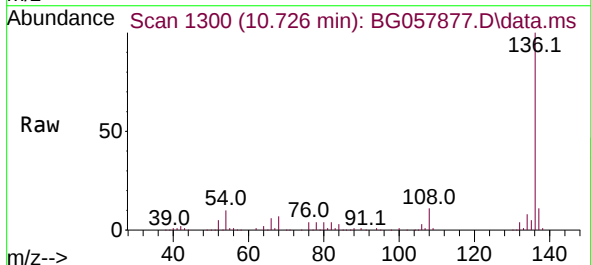
Instrument :
BNA_G
ClientSampleId :
MW-10

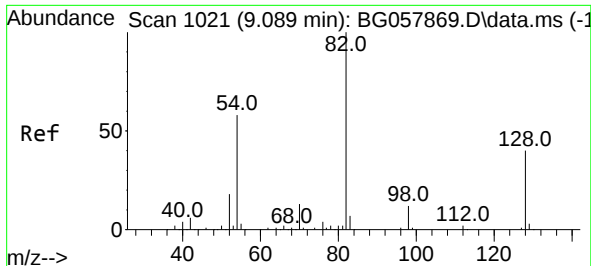
Tgt Ion: 99 Resp: 124272
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 30.7 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

Tgt Ion: 136 Resp: 129340
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.4 9.3 13.9
68 7.2 5.9 8.9





#23

Nitrobenzene-d5

Concen: 83.671 ng

RT: 9.081 min Scan# 1021

Delta R.T. -0.008 min

Lab File: BG057877.D

Acq: 27 Jun 2023 22:03

Instrument :

BNA_G

ClientSampleId :

MW-10

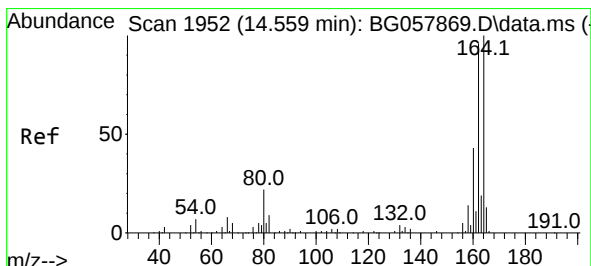
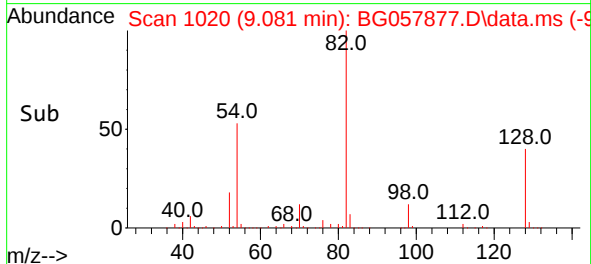
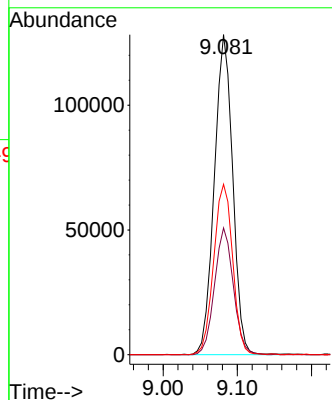
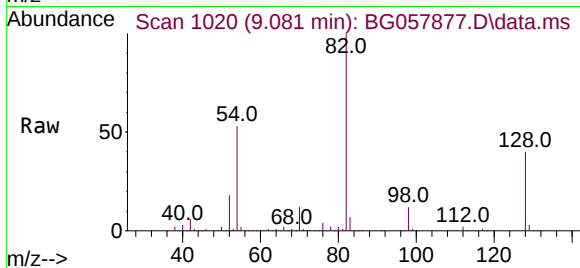
Tgt Ion: 82 Resp: 220821

Ion Ratio Lower Upper

82 100

128 39.6 32.2 48.4

54 53.3 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.002 min

Lab File: BG057877.D

Acq: 27 Jun 2023 22:03

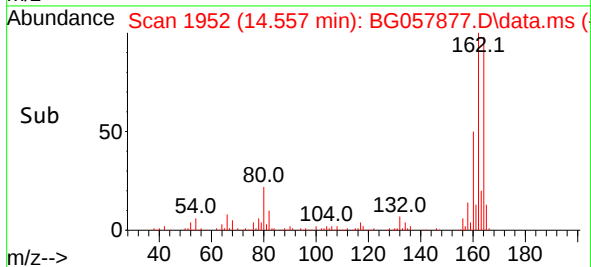
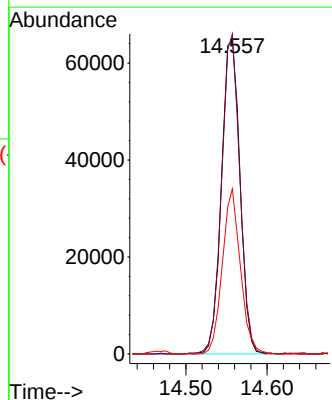
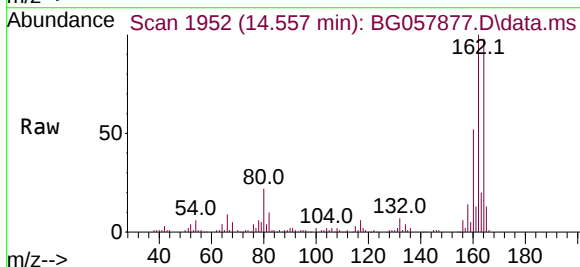
Tgt Ion:164 Resp: 102881

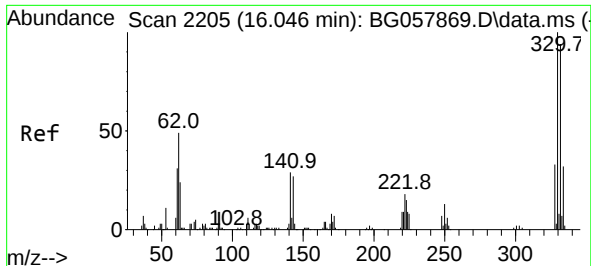
Ion Ratio Lower Upper

164 100

162 101.7 76.4 114.6

160 52.5 34.2 51.2#

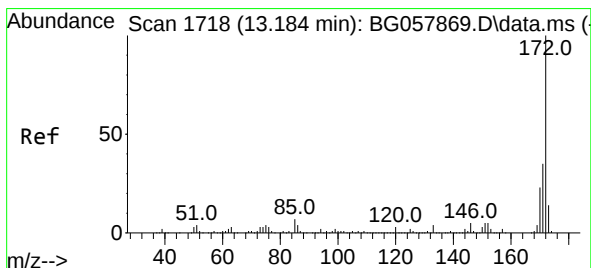
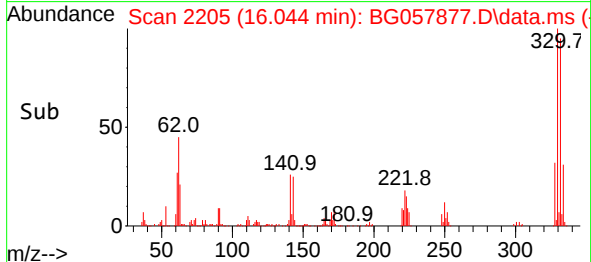
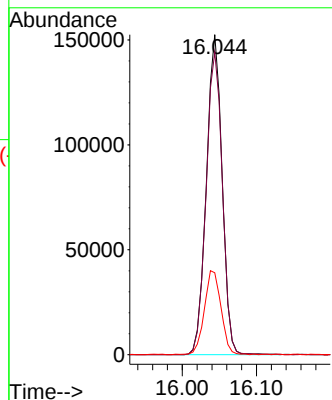
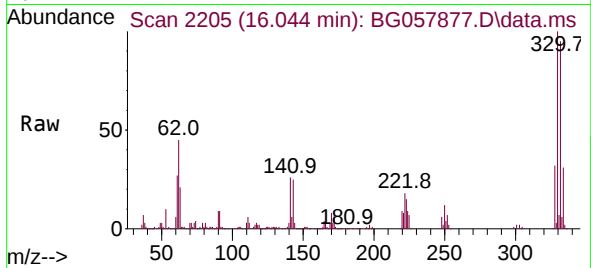




#42
2,4,6-Tribromophenol
Concen: 130.101 ng
RT: 16.044 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

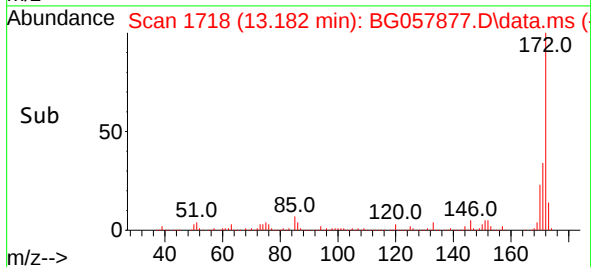
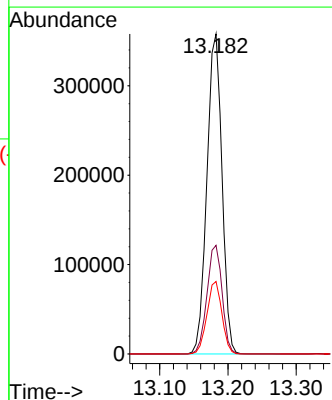
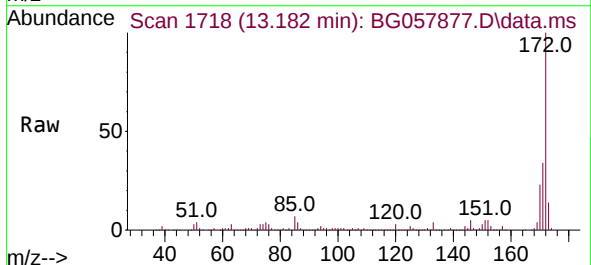
Instrument :
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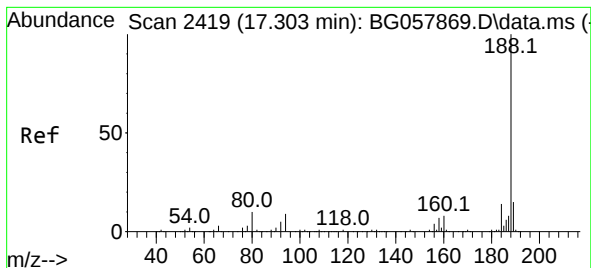
Tgt Ion:330 Resp: 224813
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 27.9 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 81.659 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

Tgt Ion:172 Resp: 550517
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 22.7 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.295 min Scan# 2418

Delta R.T. -0.008 min

Lab File: BG057877.D

Acq: 27 Jun 2023 22:03

Instrument :

BNA_G

ClientSampleId :

MW-10

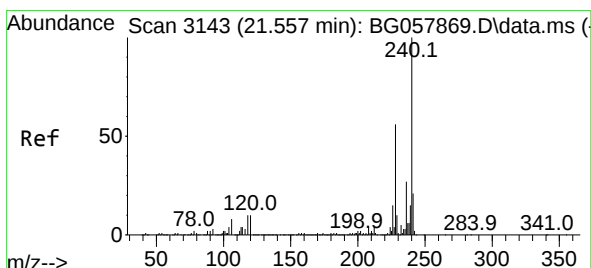
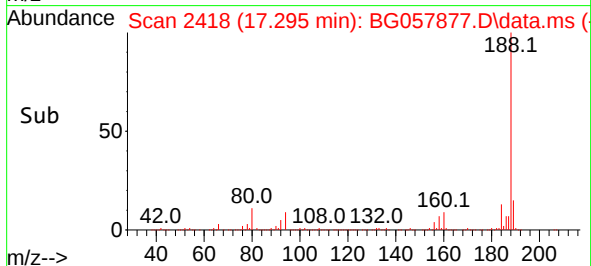
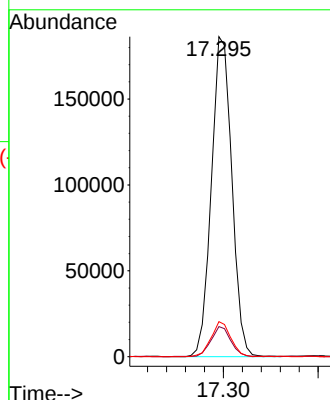
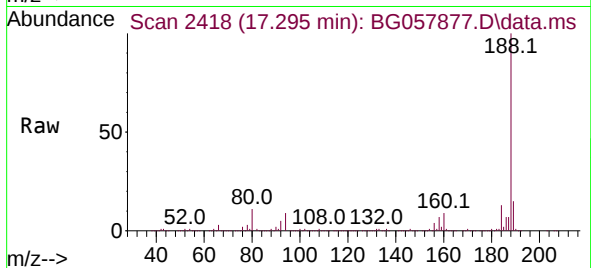
Tgt Ion:188 Resp: 278745

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

80 10.9 8.4 12.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.549 min Scan# 3142

Delta R.T. -0.008 min

Lab File: BG057877.D

Acq: 27 Jun 2023 22:03

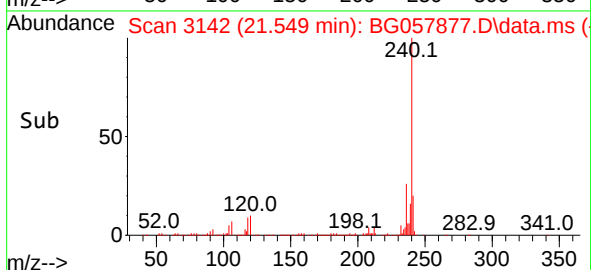
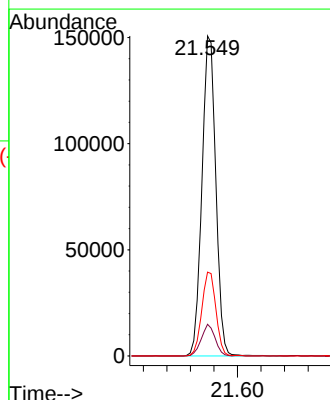
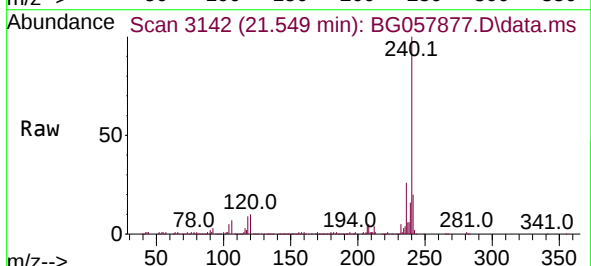
Tgt Ion:240 Resp: 246099

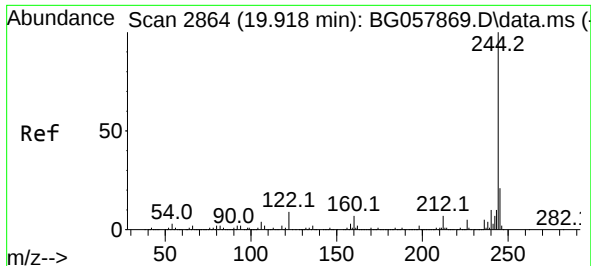
Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

236 26.2 21.9 32.9

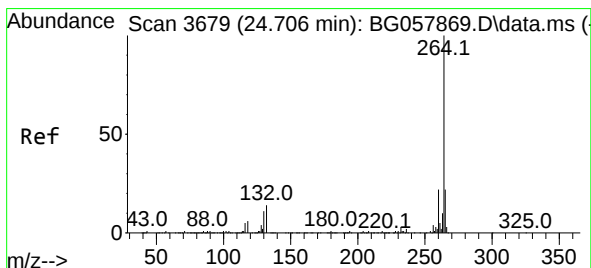
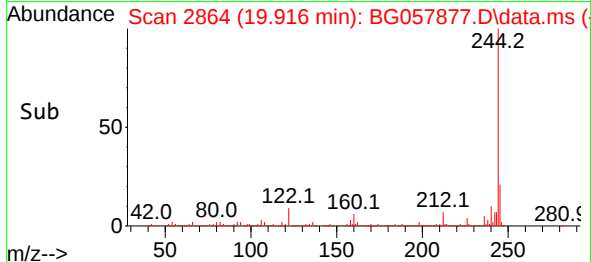
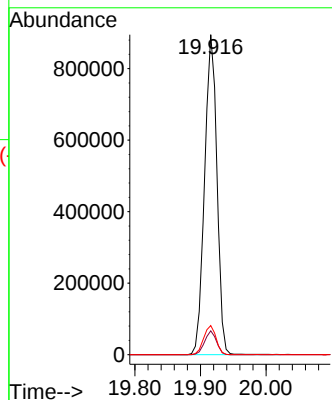
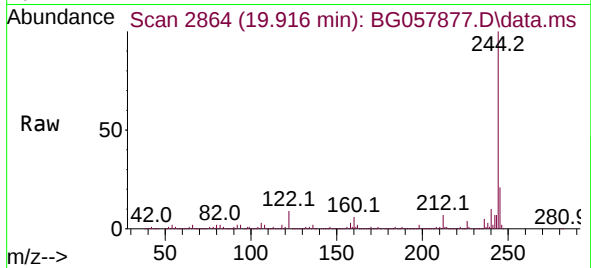




#79
 Terphenyl-d14
 Concen: 87.057 ng
 RT: 19.916 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057877.D
 Acq: 27 Jun 2023 22:03

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Tgt Ion:244 Resp: 1175189
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.1 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.698 min Scan# 3678
 Delta R.T. -0.008 min
 Lab File: BG057877.D
 Acq: 27 Jun 2023 22:03

Tgt Ion:264 Resp: 295302
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.8 26.8
 265 20.5 17.3 25.9

