

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057862.D
 Acq On : 24 Jun 2023 5:04
 Operator : CG/JU
 Sample : 03336-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-6

Quant Time: Jun 25 01:43:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	52323	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	220930	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	138412	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	298941	20.000	ng	0.00
76) Chrysene-d12	21.554	240	250903	20.000	ng	0.00
86) Perylene-d12	24.709	264	302267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	400128	117.914	ng	0.00
7) Phenol-d6	7.089	99	550514	106.322	ng	0.00
23) Nitrobenzene-d5	9.086	82	332820	77.316	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	220999	114.622	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	719868	78.884	ng	0.00
79) Terphenyl-d14	19.921	244	1038442	77.175	ng	0.00

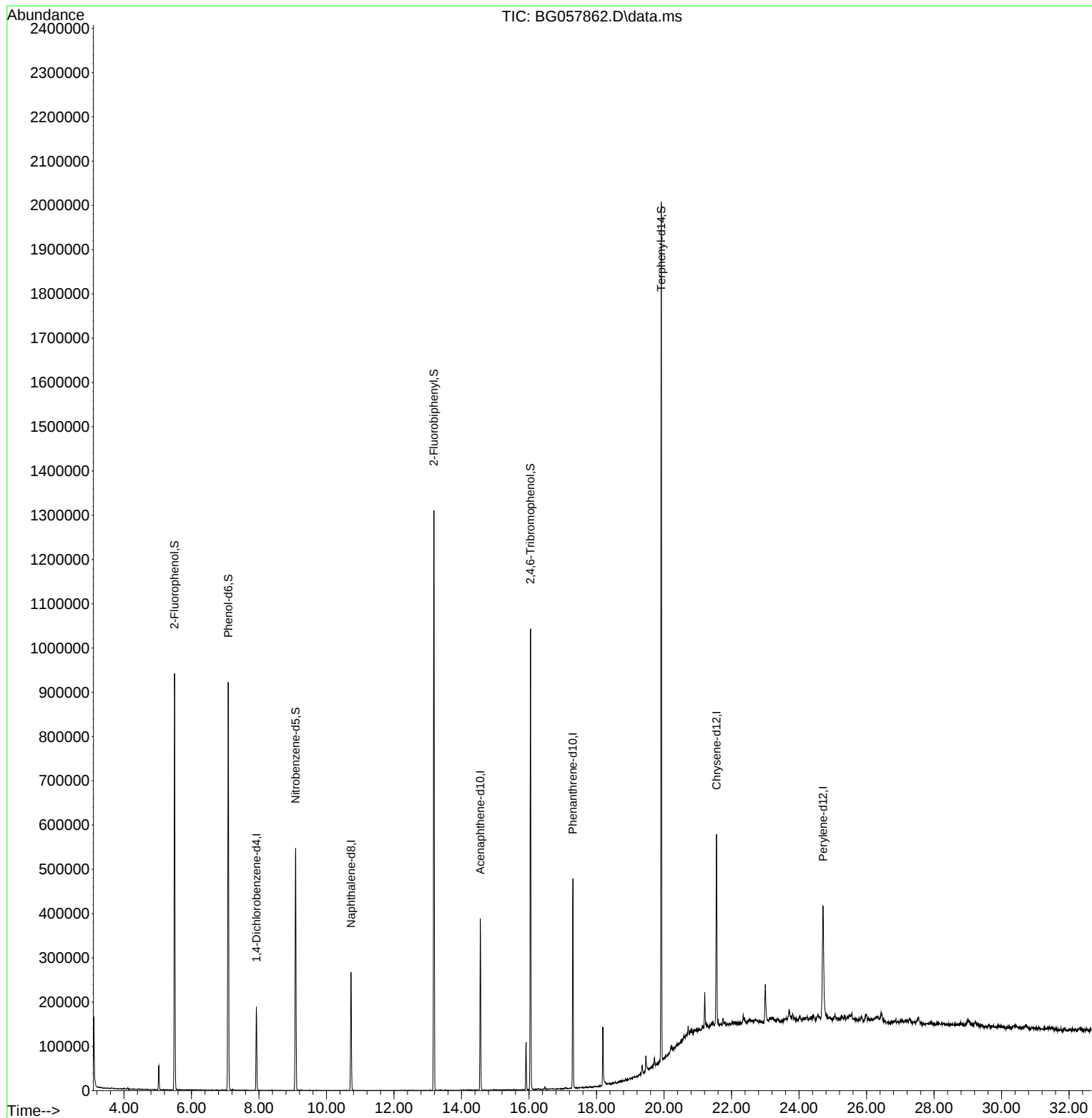
Target Compounds	Qvalue

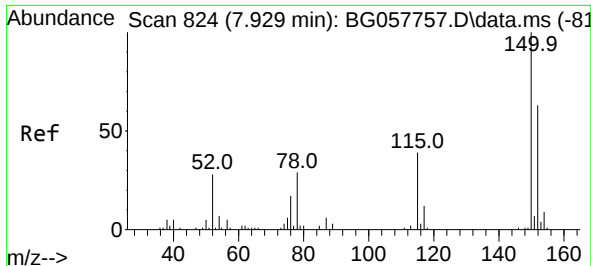
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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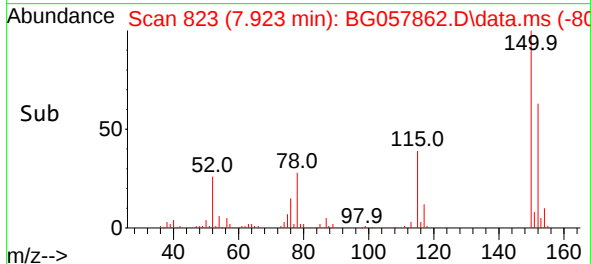
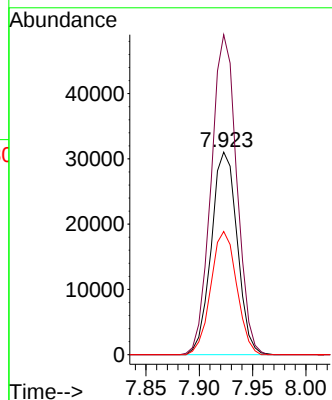
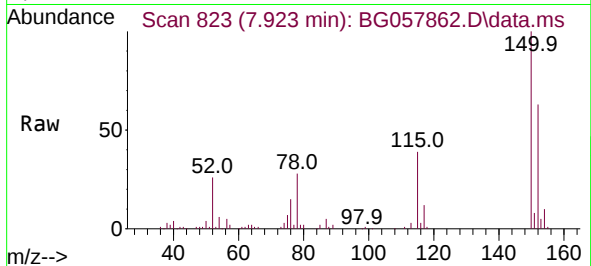




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057862.D
Acq: 24 Jun 2023 5:04

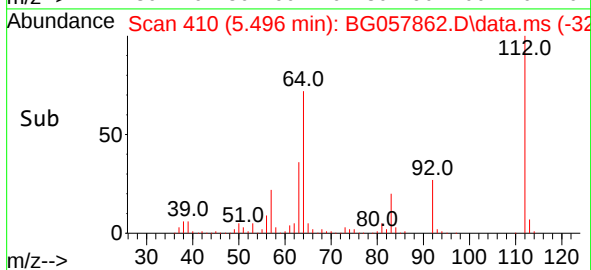
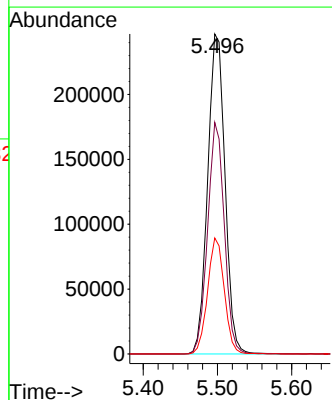
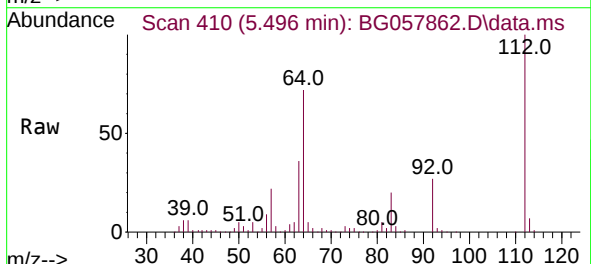
Instrument :
BNA_G
ClientSampleId :
WC-6

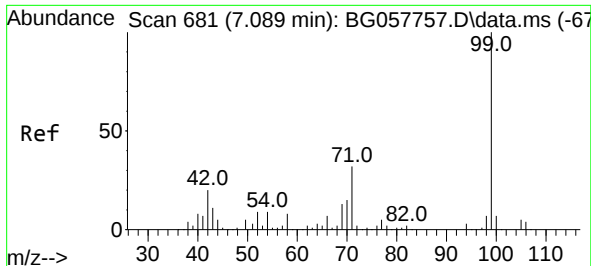
Tgt Ion:152 Resp: 52323
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 60.8 48.9 73.3



#5
2-Fluorophenol
Concen: 117.914 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.001 min
Lab File: BG057862.D
Acq: 24 Jun 2023 5:04

Tgt Ion:112 Resp: 400128
Ion Ratio Lower Upper
112 100
64 72.3 62.1 93.1
63 36.3 31.5 47.3

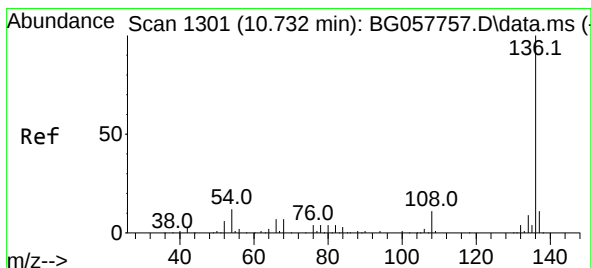
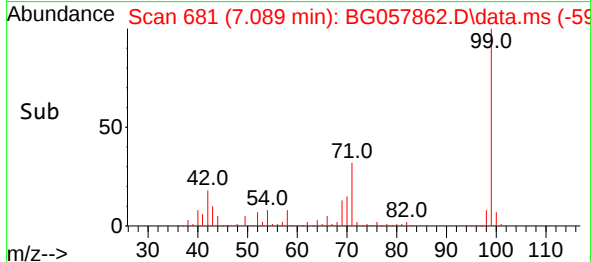
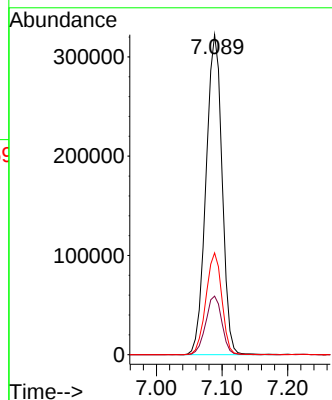
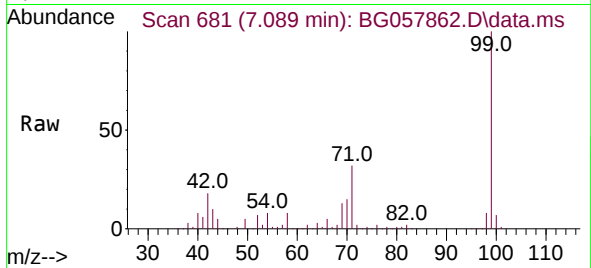




#7
Phenol-d6
Concen: 106.322 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057862.D
Acq: 24 Jun 2023 5:04

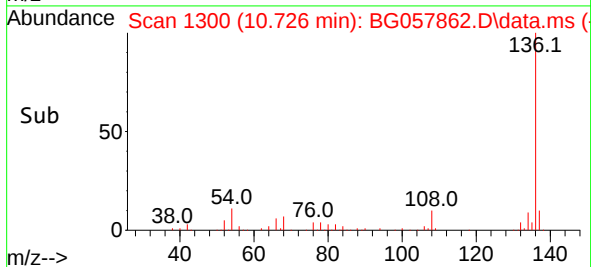
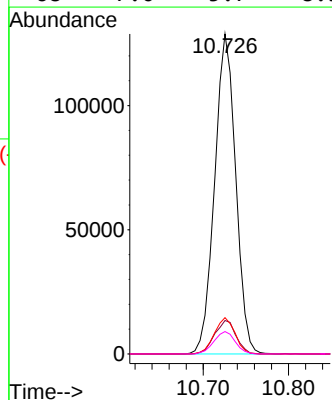
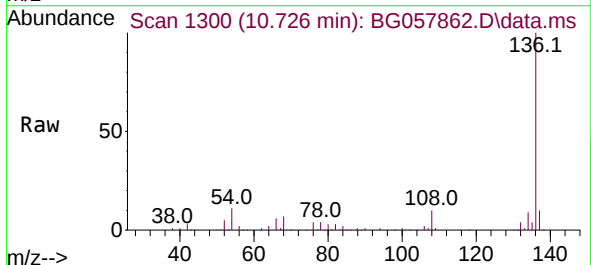
Instrument :
BNA_G
ClientSampleId :
WC-6

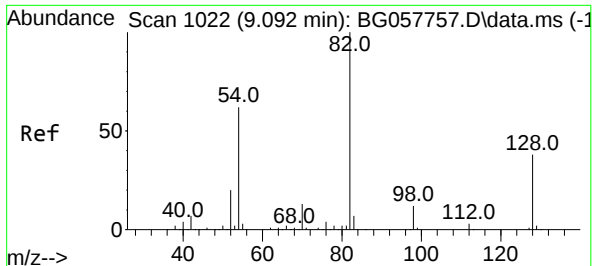
Tgt Ion: 99 Resp: 550514
Ion Ratio Lower Upper
99 100
42 18.3 16.4 24.6
71 31.8 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG057862.D
Acq: 24 Jun 2023 5:04

Tgt Ion:136 Resp: 220930
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 11.4 9.5 14.3
68 7.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 77.316 ng

RT: 9.086 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BG057862.D

Acq: 24 Jun 2023 5:04

Instrument :

BNA_G

ClientSampleId :

WC-6

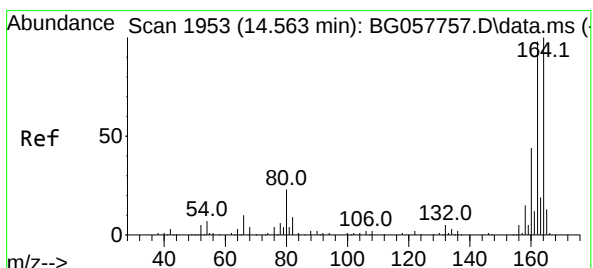
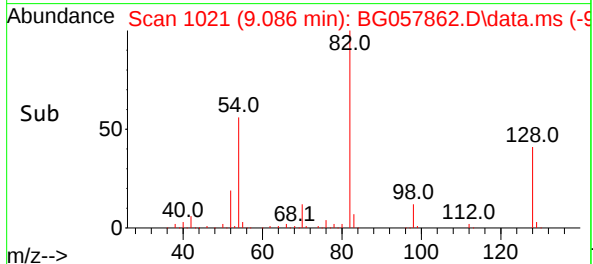
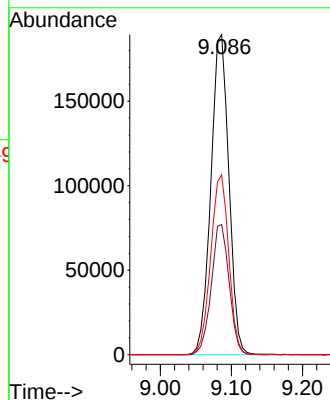
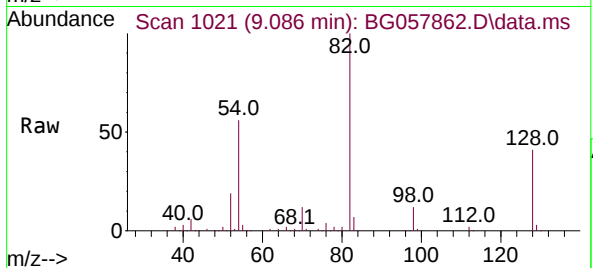
Tgt Ion: 82 Resp: 332820

Ion Ratio Lower Upper

82 100

128 40.7 30.7 46.1

54 56.2 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BG057862.D

Acq: 24 Jun 2023 5:04

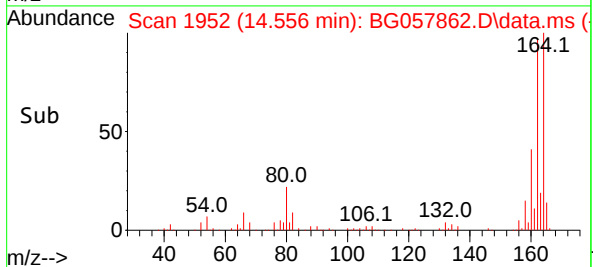
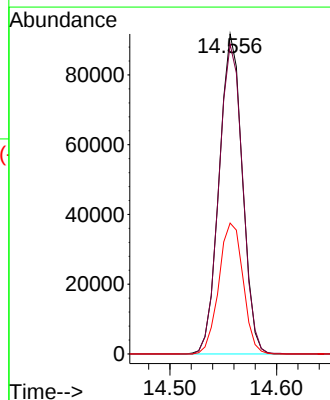
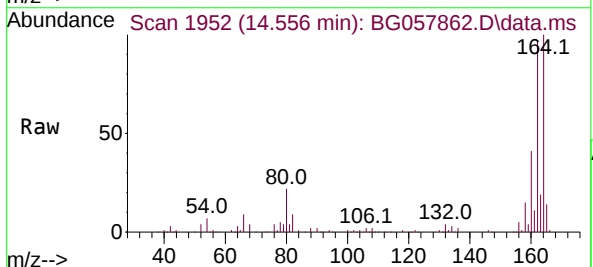
Tgt Ion:164 Resp: 138412

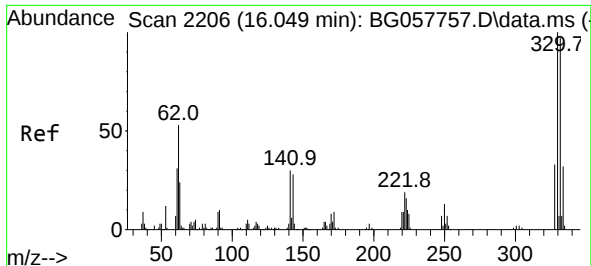
Ion Ratio Lower Upper

164 100

162 96.8 78.3 117.5

160 40.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 114.622 ng

RT: 16.043 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057862.D

Acq: 24 Jun 2023 5:04

Instrument :

BNA_G

ClientSampleId :

WC-6

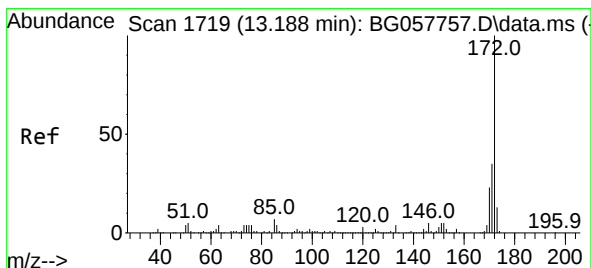
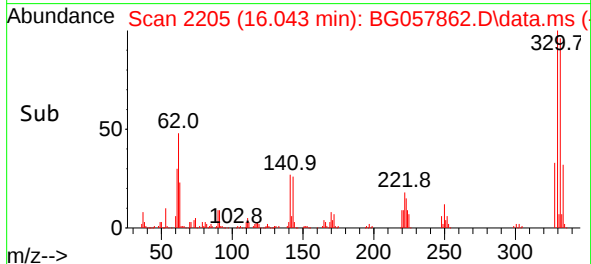
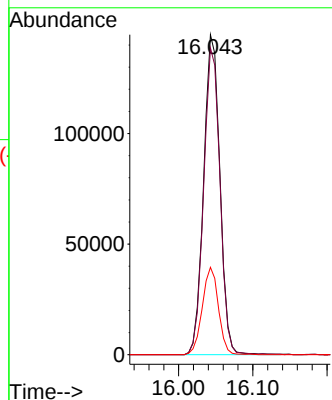
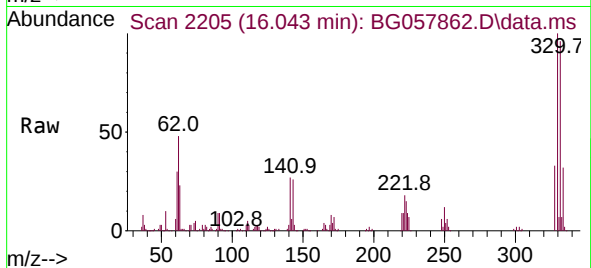
Tgt Ion:330 Resp: 220999

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

141 27.0 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 78.884 ng

RT: 13.181 min Scan# 1718

Delta R.T. -0.006 min

Lab File: BG057862.D

Acq: 24 Jun 2023 5:04

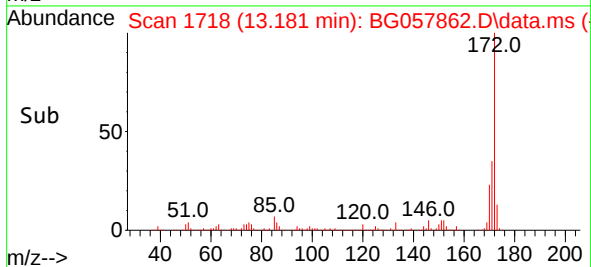
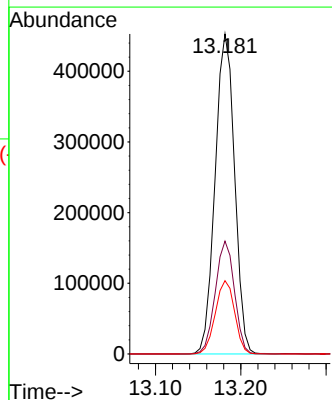
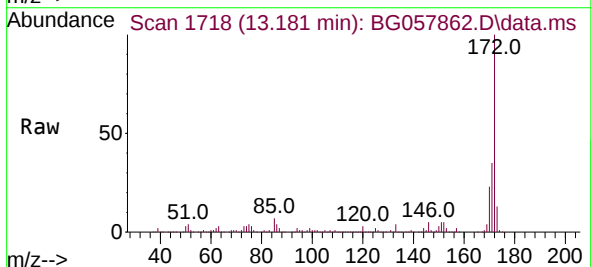
Tgt Ion:172 Resp: 719868

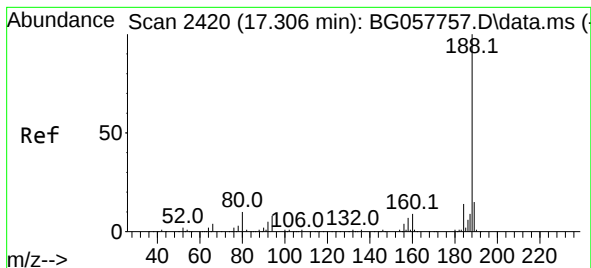
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 22.9 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.300 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG057862.D

Acq: 24 Jun 2023 5:04

Instrument :

BNA_G

ClientSampleId :

WC-6

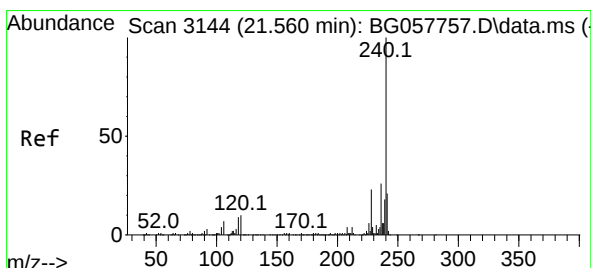
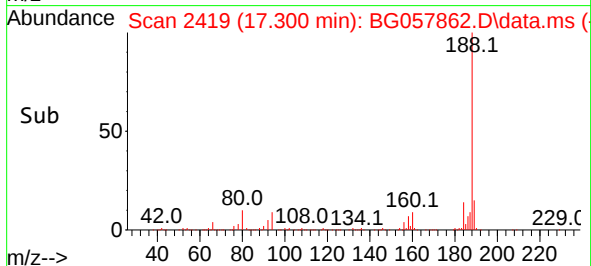
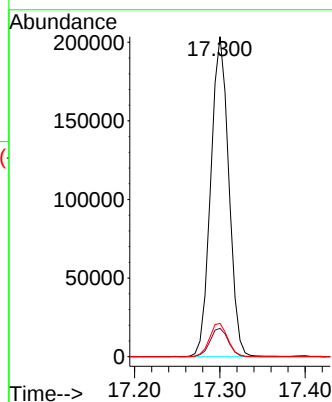
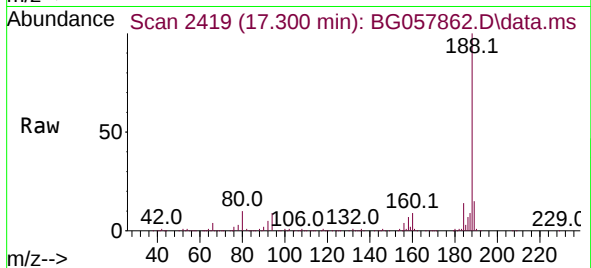
Tgt Ion:188 Resp: 298941

Ion Ratio Lower Upper

188 100

94 8.9 6.6 9.8

80 10.4 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.554 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BG057862.D

Acq: 24 Jun 2023 5:04

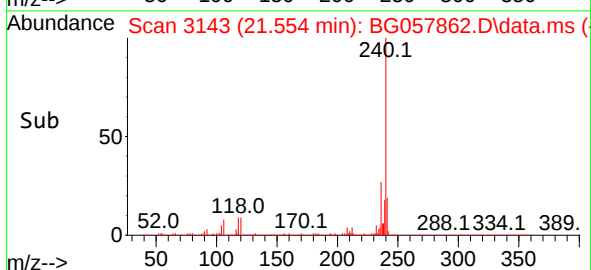
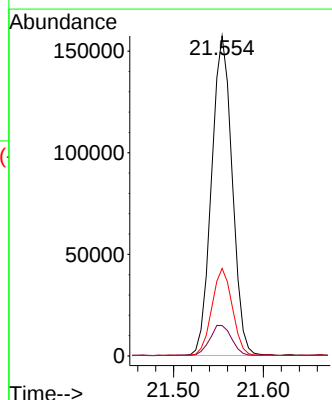
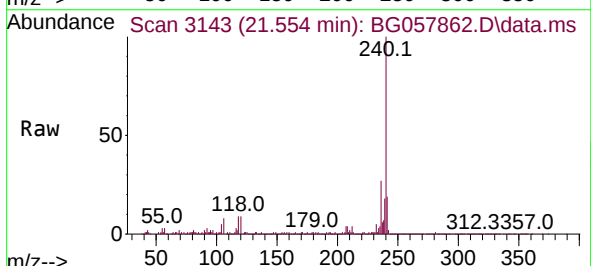
Tgt Ion:240 Resp: 250903

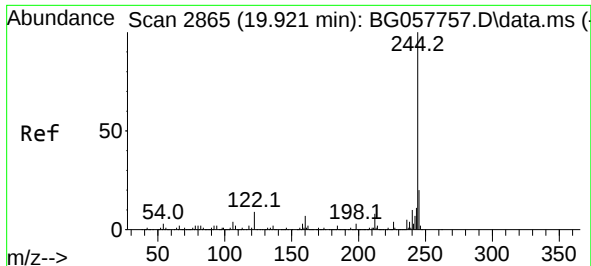
Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

236 27.4 20.6 30.8

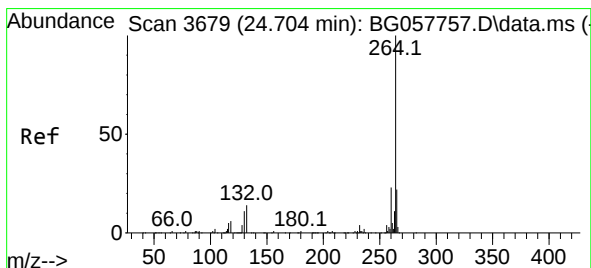
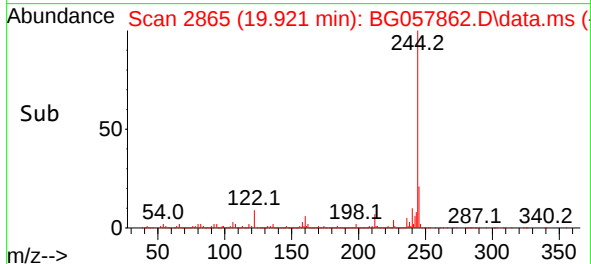
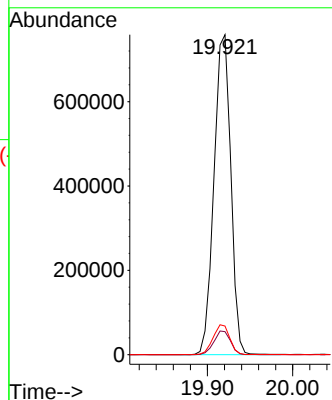
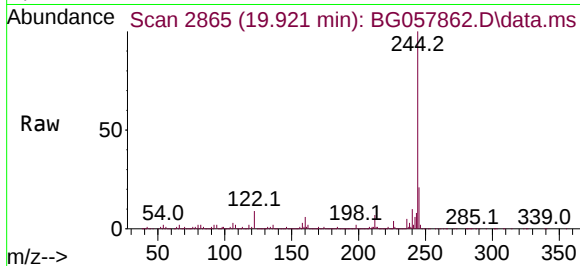




#79
 Terphenyl-d14
 Concen: 77.175 ng
 RT: 19.921 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057862.D
 Acq: 24 Jun 2023 5:04

Instrument :
 BNA_G
 ClientSampleId :
 WC-6

Tgt Ion:244 Resp: 1038442
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.9 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.709 min Scan# 3680
 Delta R.T. 0.006 min
 Lab File: BG057862.D
 Acq: 24 Jun 2023 5:04

Tgt Ion:264 Resp: 302267
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 21.2 17.4 26.2

