

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057854.D
 Acq On : 23 Jun 2023 23:25
 Operator : CG/JU
 Sample : 03337-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-8

Quant Time: Jun 25 01:40:35 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	7.924	152	35885	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	168632	20.000	ng	# 0.00
39) Acenaphthene-d10	14.552	164	129345	20.000	ng	-0.01
64) Phenanthrene-d10	17.296	188	299503	20.000	ng	-0.01
76) Chrysene-d12	21.550	240	263198	20.000	ng	-0.01
86) Perylene-d12	24.699	264	323489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	189544	81.443	ng	0.00
7) Phenol-d6	7.084	99	294427	82.911	ng	0.00
23) Nitrobenzene-d5	9.082	82	158140	48.130	ng	-0.01
42) 2,4,6-Tribromophenol	16.038	330	151647	84.166	ng	-0.01
45) 2-Fluorobiphenyl	13.177	172	397478	46.610	ng	-0.01
79) Terphenyl-d14	19.910	244	711409	50.401	ng	-0.01

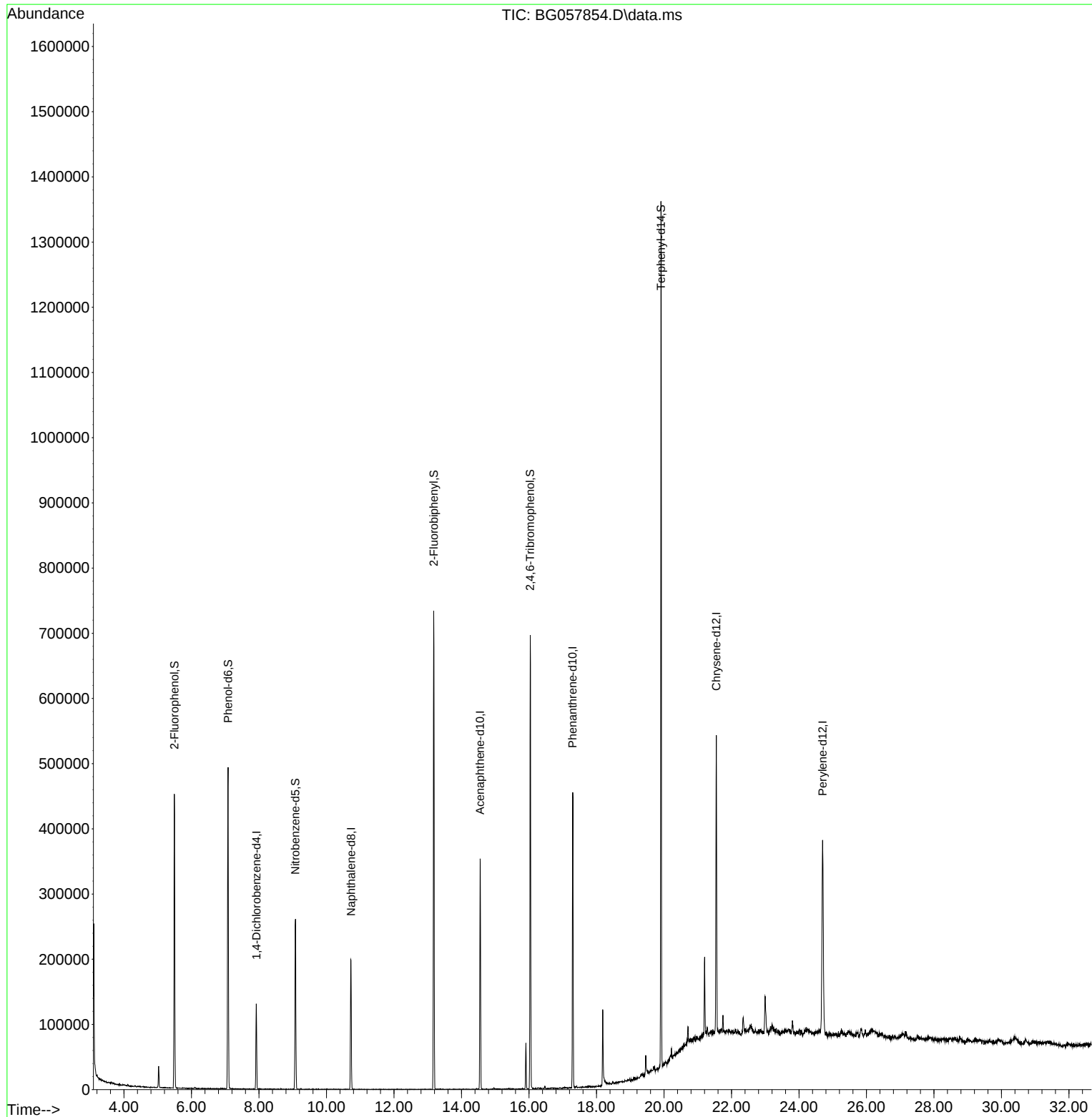
Target Compounds	Qvalue

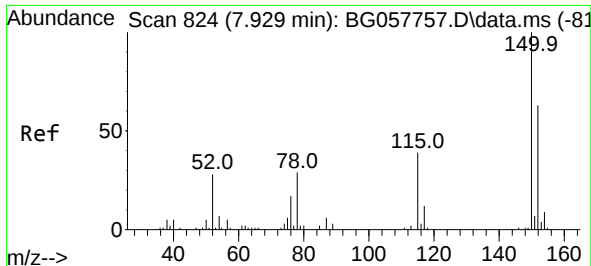
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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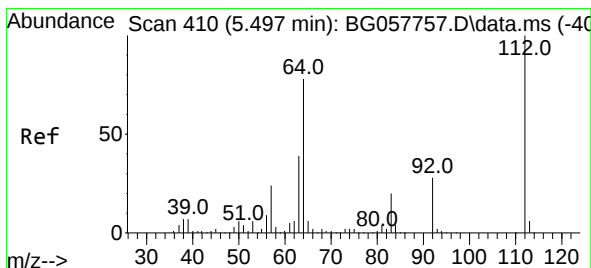
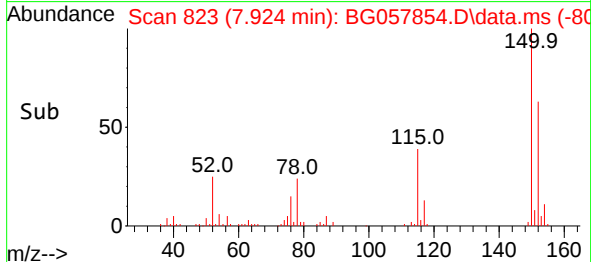
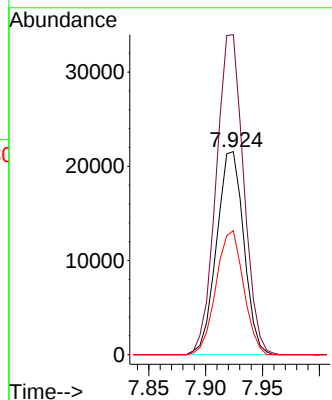
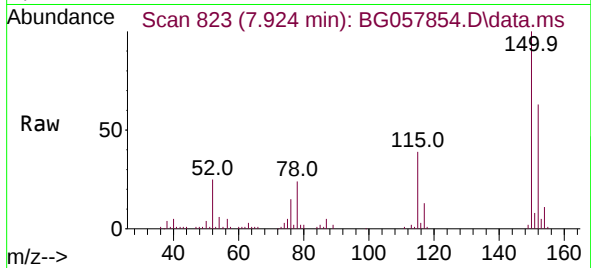




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

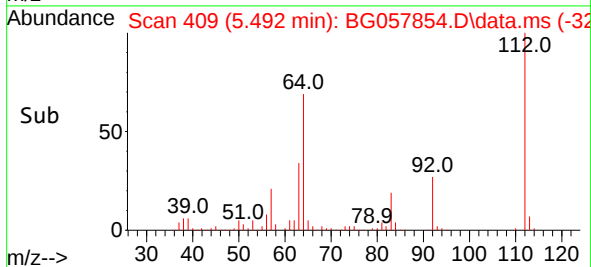
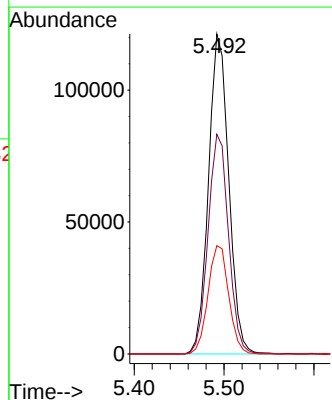
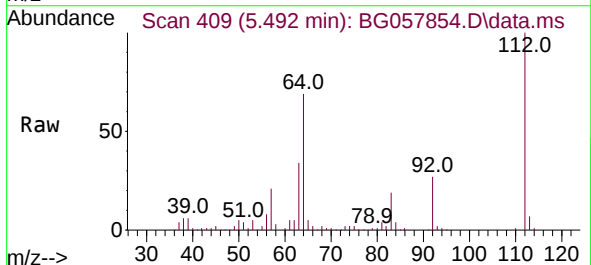
Instrument :
BNA_G
ClientSampleId :
WC-8

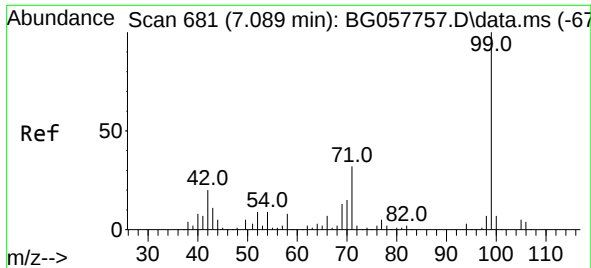
Tgt Ion:152 Resp: 35885
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 61.0 48.9 73.3



#5
2-Fluorophenol
Concen: 81.443 ng
RT: 5.492 min Scan# 409
Delta R.T. -0.005 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

Tgt Ion:112 Resp: 189544
Ion Ratio Lower Upper
112 100
64 68.7 62.1 93.1
63 33.8 31.5 47.3

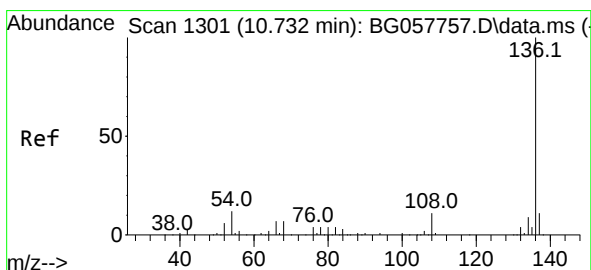
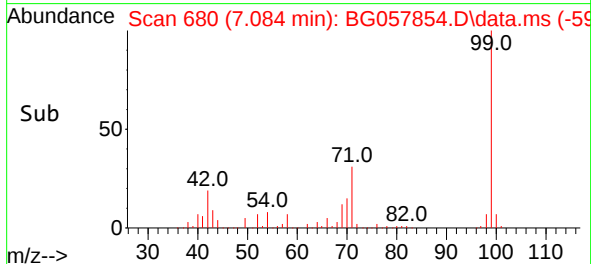
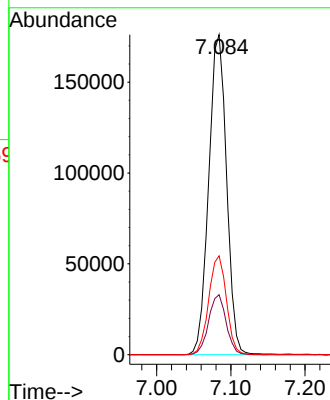
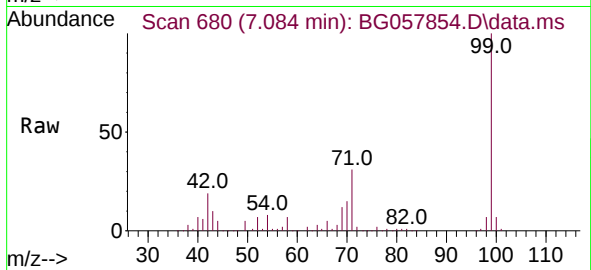




#7
Phenol-d6
Concen: 82.911 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

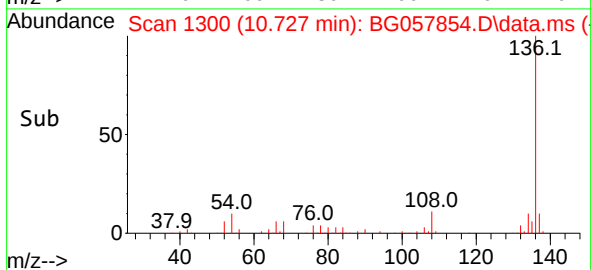
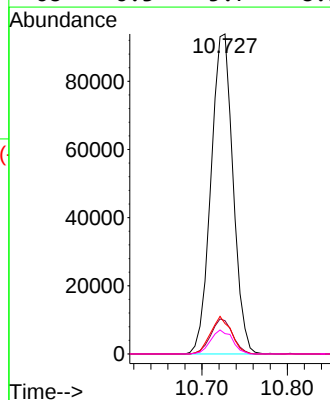
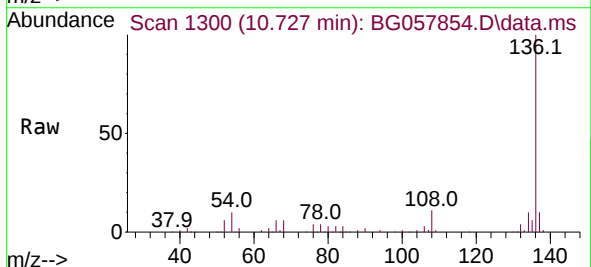
Instrument :
BNA_G
ClientSampleId :
WC-8

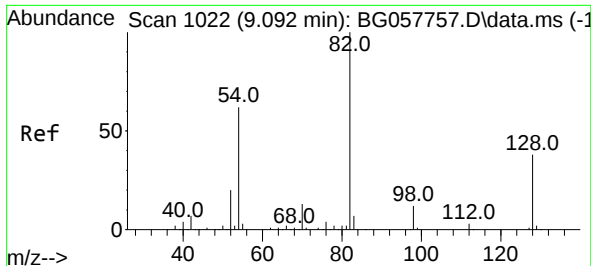
Tgt Ion: 99 Resp: 294427
Ion Ratio Lower Upper
99 100
42 18.8 16.4 24.6
71 30.9 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

Tgt Ion: 136 Resp: 168632
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 9.5 9.5 14.3#
68 6.3 5.7 8.5





#23

Nitrobenzene-d5

Concen: 48.130 ng

RT: 9.082 min Scan# 1020

Delta R.T. -0.011 min

Lab File: BG057854.D

Acq: 23 Jun 2023 23:25

Instrument :

BNA_G

ClientSampleId :

WC-8

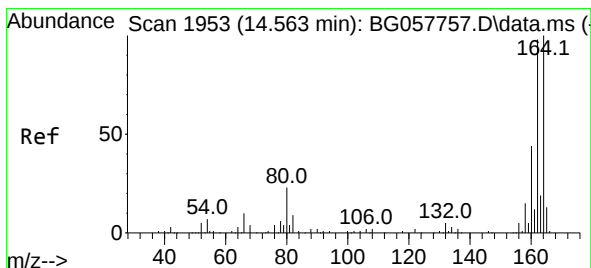
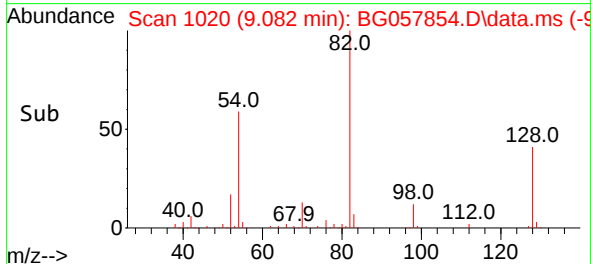
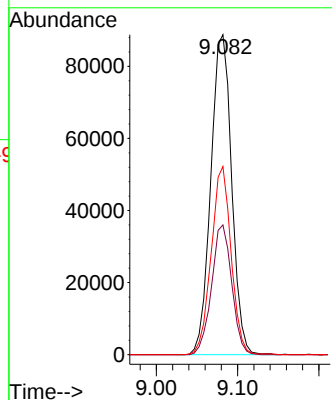
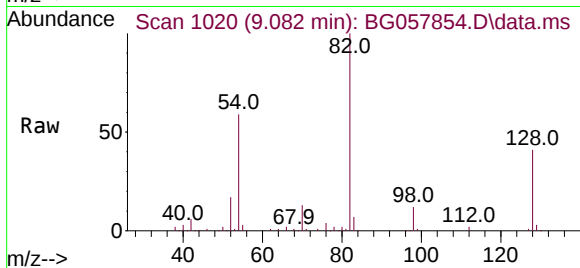
Tgt Ion: 82 Resp: 158140

Ion Ratio Lower Upper

82 100

128 40.6 30.7 46.1

54 58.8 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.552 min Scan# 1951

Delta R.T. -0.011 min

Lab File: BG057854.D

Acq: 23 Jun 2023 23:25

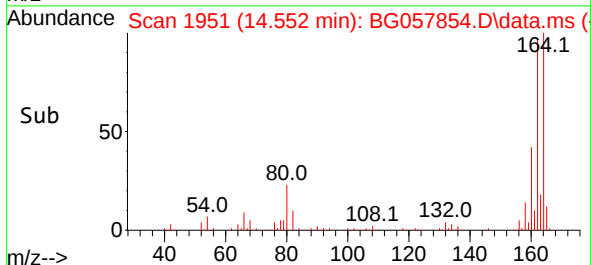
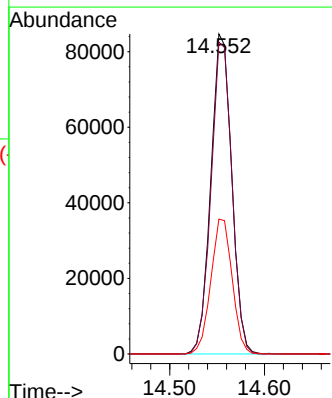
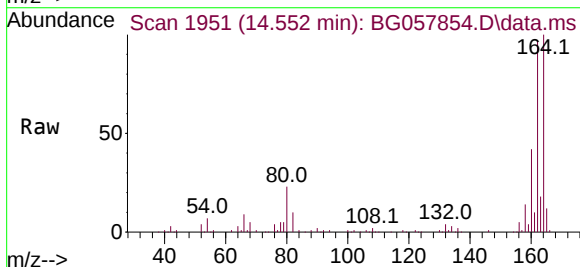
Tgt Ion:164 Resp: 129345

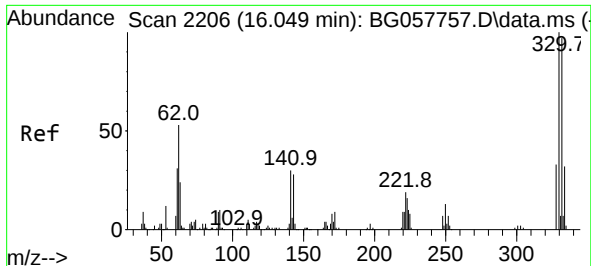
Ion Ratio Lower Upper

164 100

162 97.4 78.3 117.5

160 42.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 84.166 ng

RT: 16.038 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG057854.D

Acq: 23 Jun 2023 23:25

Instrument :

BNA_G

ClientSampleId :

WC-8

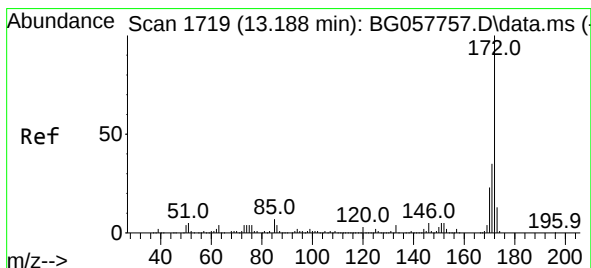
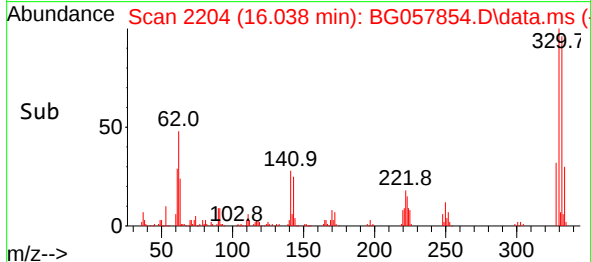
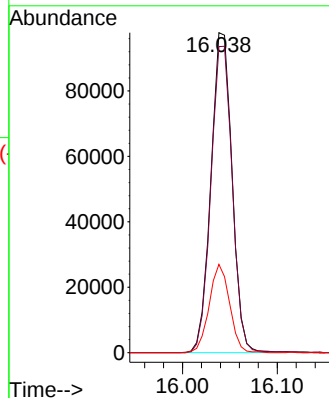
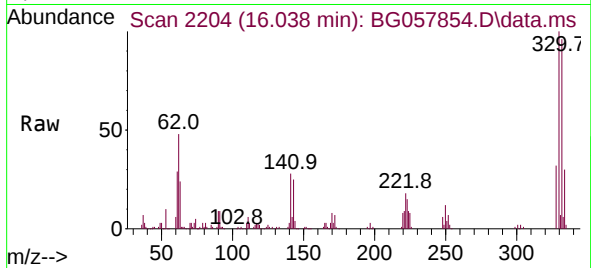
Tgt Ion:330 Resp: 151647

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

141 26.6 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 46.610 ng

RT: 13.177 min Scan# 1717

Delta R.T. -0.011 min

Lab File: BG057854.D

Acq: 23 Jun 2023 23:25

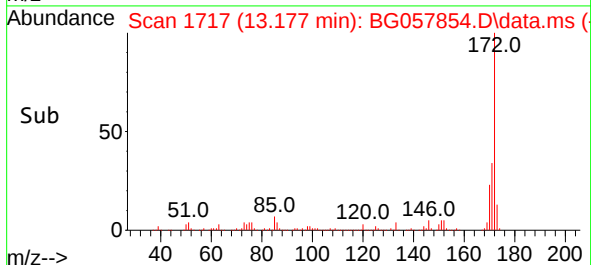
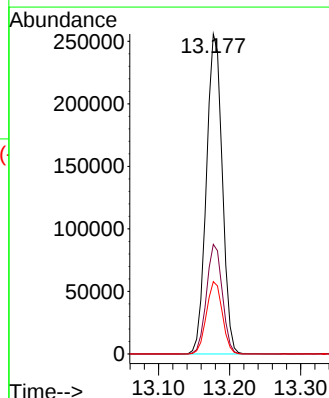
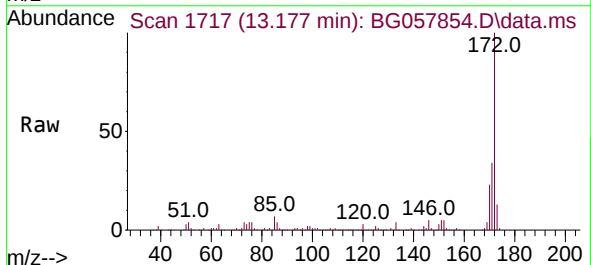
Tgt Ion:172 Resp: 397478

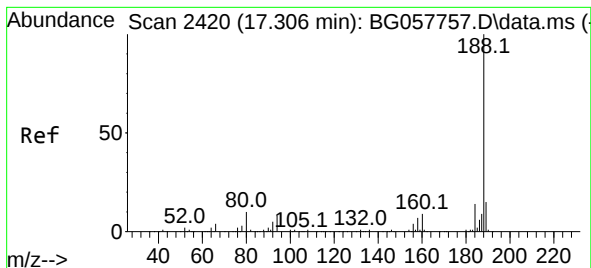
Ion Ratio Lower Upper

172 100

171 34.3 28.1 42.1

170 22.6 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.296 min Scan# 2418

Delta R.T. -0.011 min

Lab File: BG057854.D

Acq: 23 Jun 2023 23:25

Instrument :

BNA_G

ClientSampleId :

WC-8

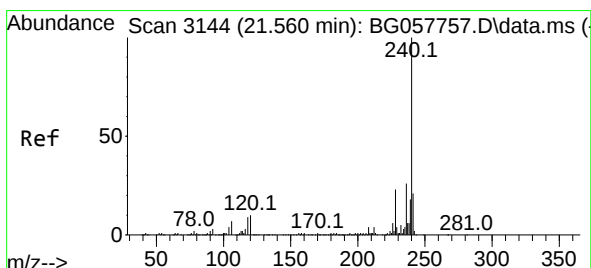
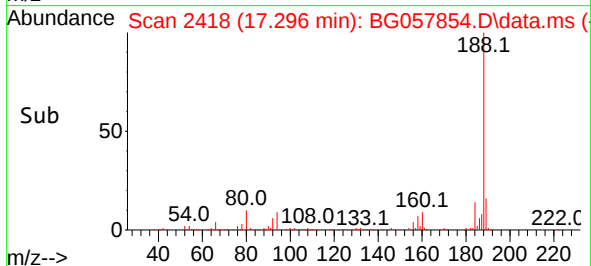
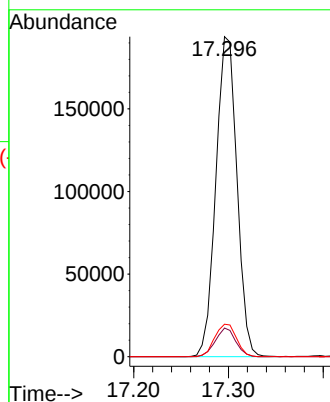
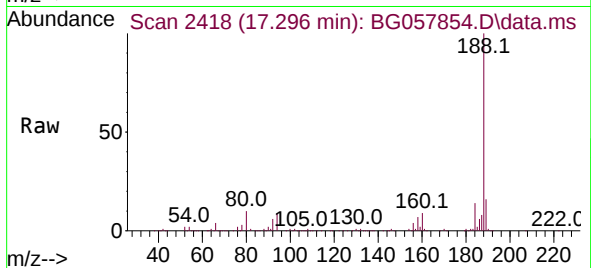
Tgt Ion:188 Resp: 299503

Ion Ratio Lower Upper

188 100

94 8.9 6.6 9.8

80 10.2 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.550 min Scan# 3142

Delta R.T. -0.011 min

Lab File: BG057854.D

Acq: 23 Jun 2023 23:25

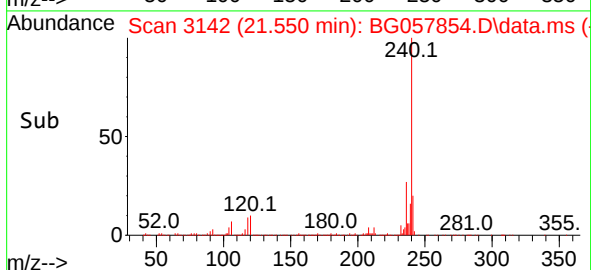
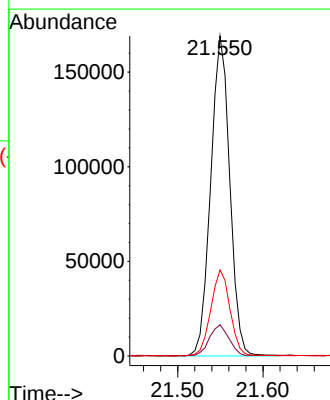
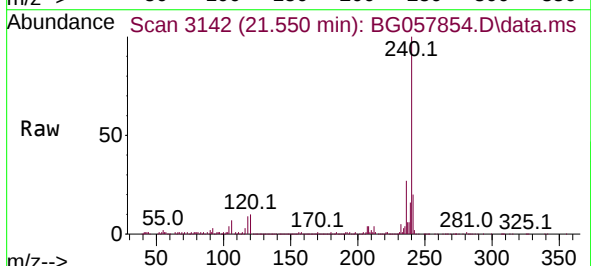
Tgt Ion:240 Resp: 263198

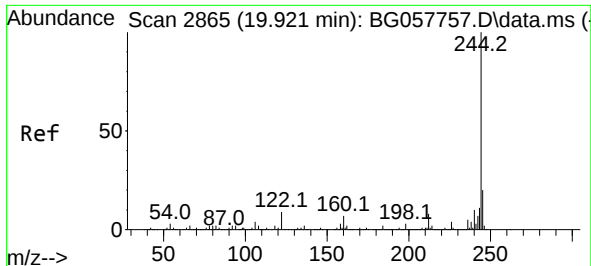
Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

236 26.9 20.6 30.8

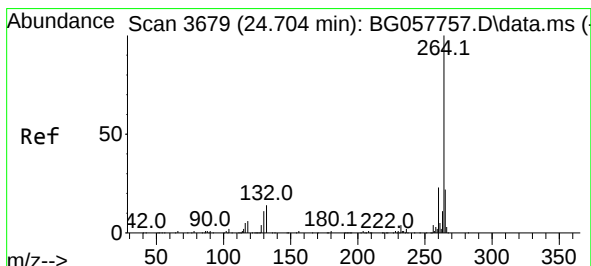
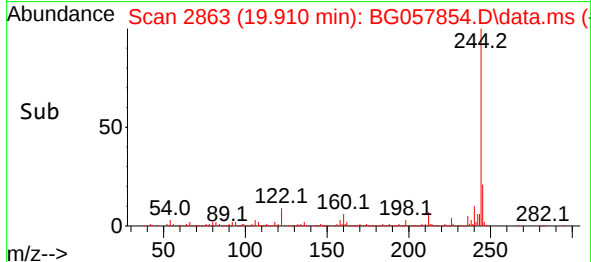
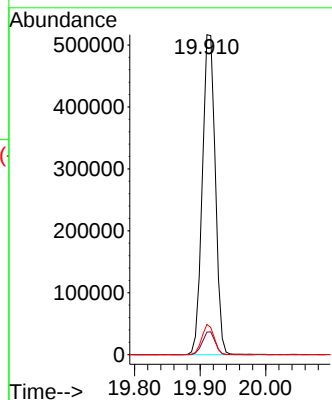
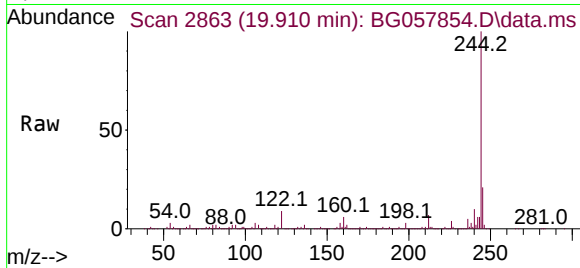




#79
 Terphenyl-d14
 Concen: 50.401 ng
 RT: 19.910 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057854.D
 Acq: 23 Jun 2023 23:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-8

Tgt Ion:244 Resp: 711409
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 9.4 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.699 min Scan# 3678
 Delta R.T. -0.005 min
 Lab File: BG057854.D
 Acq: 23 Jun 2023 23:25

Tgt Ion:264 Resp: 323489
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 21.8 17.4 26.2

