

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057827.D
 Acq On : 23 Jun 2023 3:55
 Operator : CG/JU
 Sample : 03320-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14

Quant Time: Jun 23 04:54:31 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	7.920	152	50775	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	222545	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	139568	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	301457	20.000	ng	0.00
76) Chrysene-d12	21.551	240	257745	20.000	ng	0.00
86) Perylene-d12	24.700	264	312284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	385548	117.081	ng	0.00
7) Phenol-d6	7.086	99	551769	109.813	ng	0.00
23) Nitrobenzene-d5	9.083	82	330785	76.286	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	217305	111.773	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	681726	74.086	ng	0.00
79) Terphenyl-d14	19.918	244	975534	70.575	ng	0.00

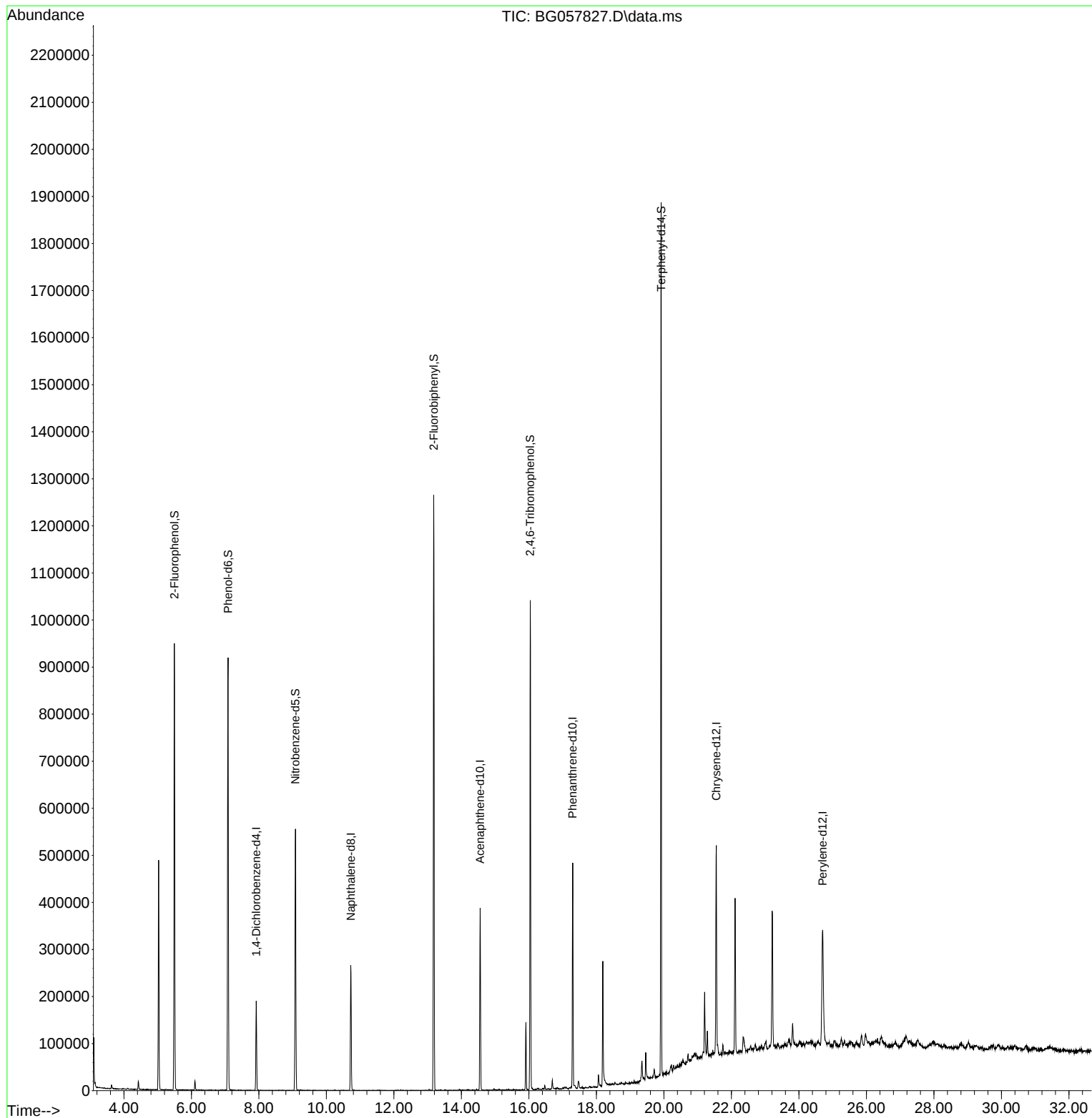
Target Compounds	Qvalue

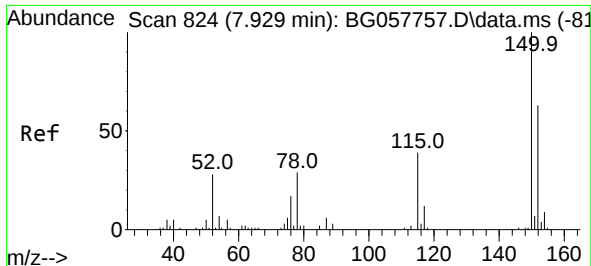
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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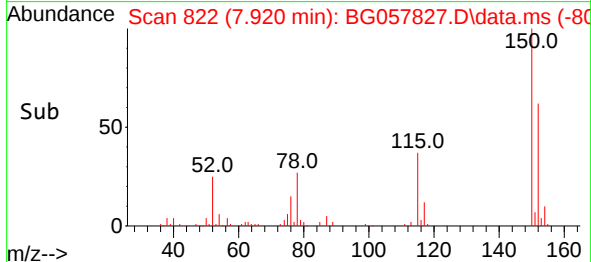
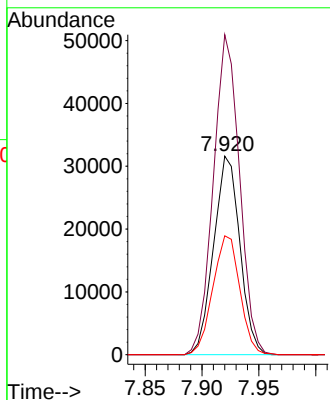
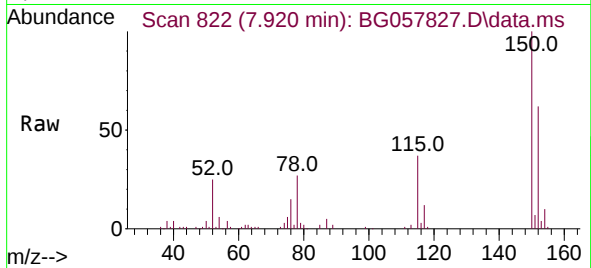




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057827.D
Acq: 23 Jun 2023 3:55

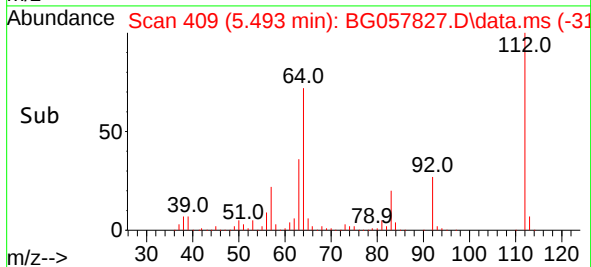
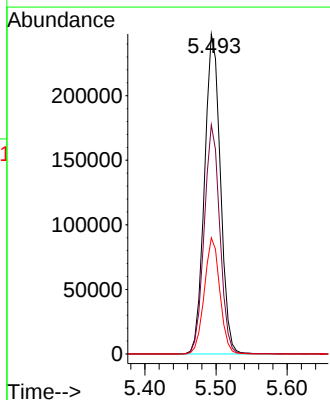
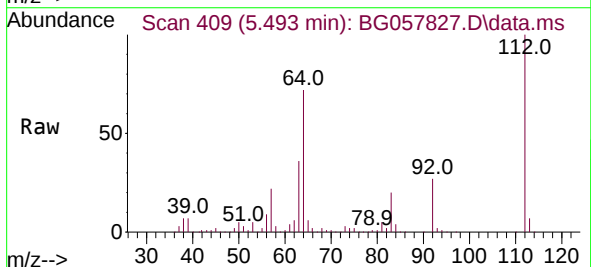
Instrument :
BNA_G
ClientSampleId :
WC-14

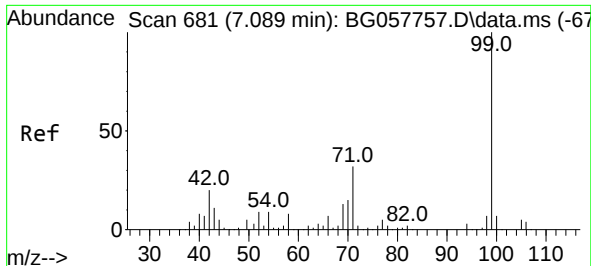
Tgt Ion:152 Resp: 50775
Ion Ratio Lower Upper
152 100
150 161.1 126.6 189.8
115 59.9 48.9 73.3



#5
2-Fluorophenol
Concen: 117.081 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG057827.D
Acq: 23 Jun 2023 3:55

Tgt Ion:112 Resp: 385548
Ion Ratio Lower Upper
112 100
64 71.6 62.1 93.1
63 36.3 31.5 47.3

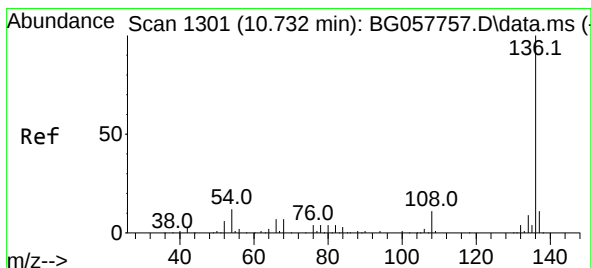
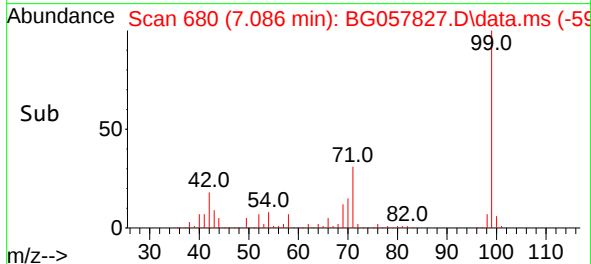
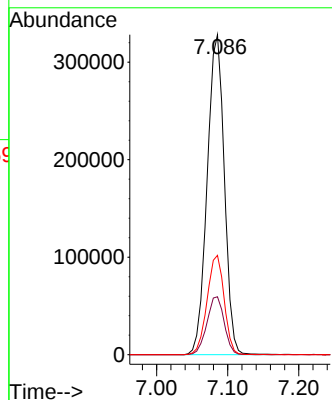
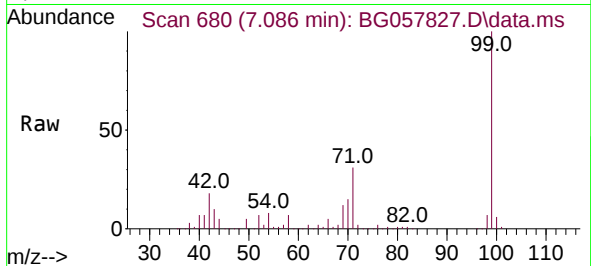




#7
Phenol-d6
Concen: 109.813 ng
RT: 7.086 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057827.D
Acq: 23 Jun 2023 3:55

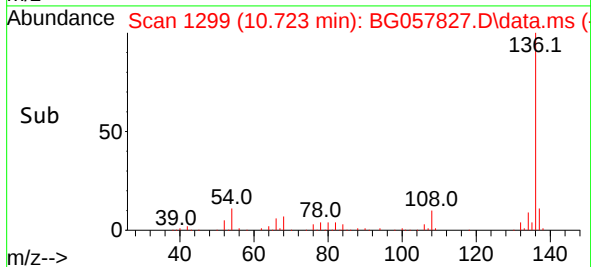
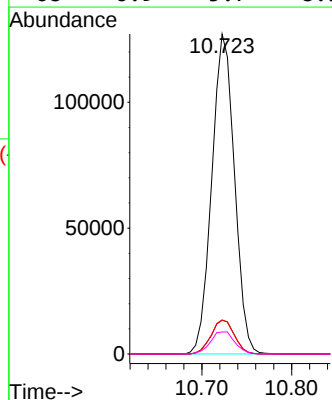
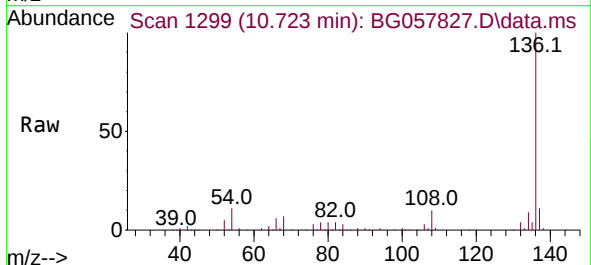
Instrument :
BNA_G
ClientSampleId :
WC-14

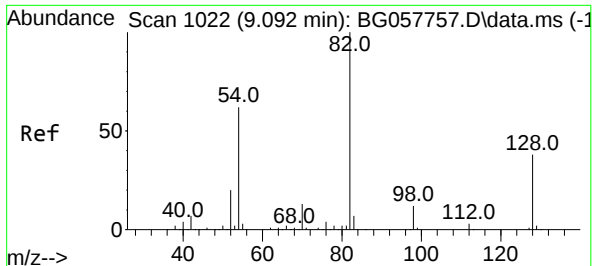
Tgt Ion: 99 Resp: 551769
Ion Ratio Lower Upper
99 100
42 18.1 16.4 24.6
71 31.1 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG057827.D
Acq: 23 Jun 2023 3:55

Tgt Ion: 136 Resp: 222545
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.5 9.5 14.3
68 6.9 5.7 8.5





#23

Nitrobenzene-d5

Concen: 76.286 ng

RT: 9.083 min Scan# 1020

Delta R.T. -0.009 min

Lab File: BG057827.D

Acq: 23 Jun 2023 3:55

Instrument :

BNA_G

ClientSampleId :

WC-14

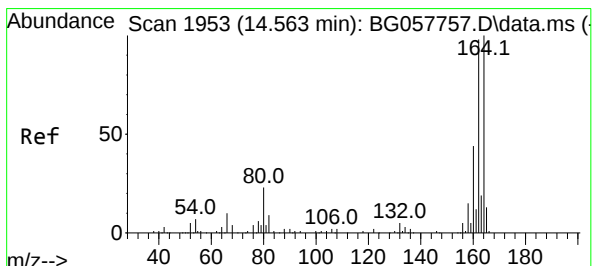
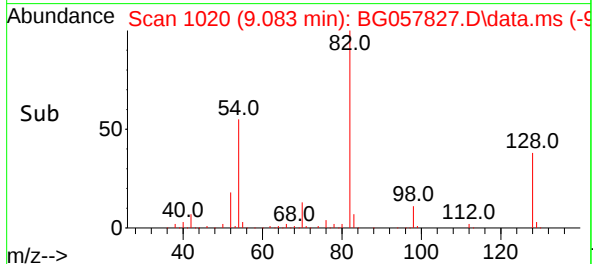
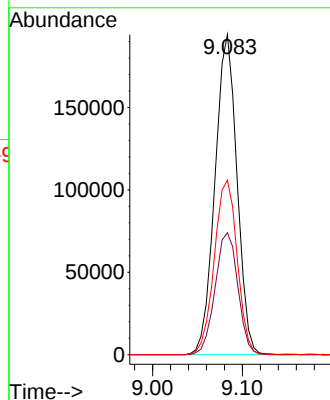
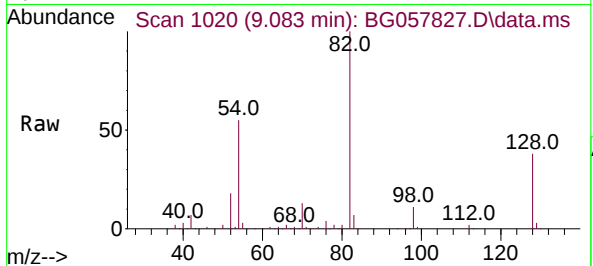
Tgt Ion: 82 Resp: 330785

Ion Ratio Lower Upper

82 100

128 38.1 30.7 46.1

54 54.6 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.553 min Scan# 1951

Delta R.T. -0.009 min

Lab File: BG057827.D

Acq: 23 Jun 2023 3:55

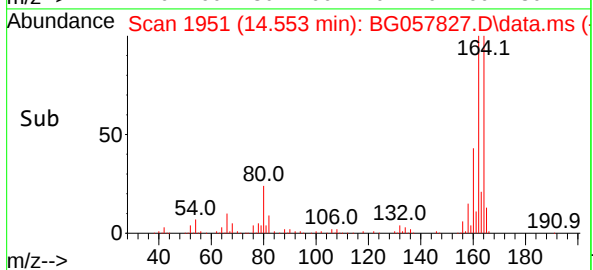
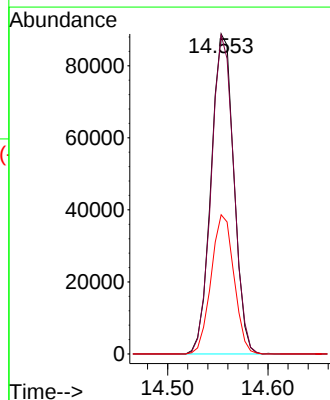
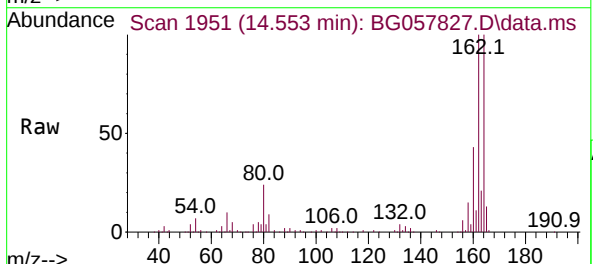
Tgt Ion:164 Resp: 139568

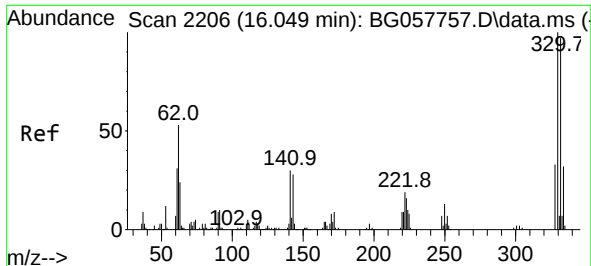
Ion Ratio Lower Upper

164 100

162 99.7 78.3 117.5

160 43.5 35.4 53.0

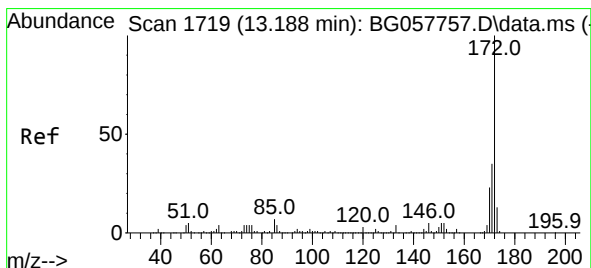
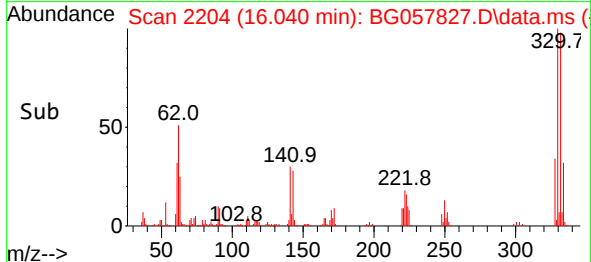
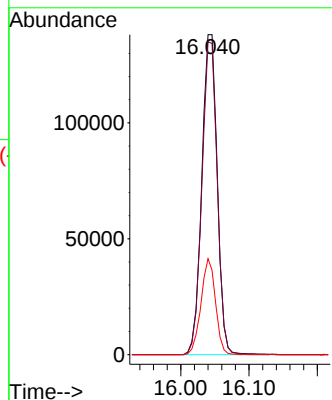
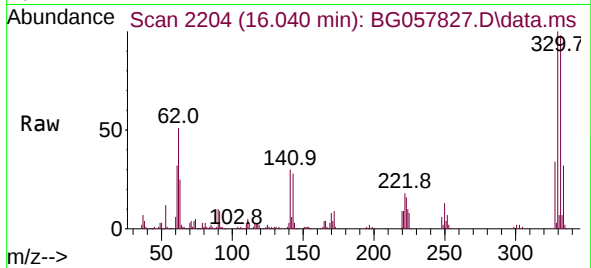




#42
2,4,6-Tribromophenol
Concen: 111.773 ng
RT: 16.040 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057827.D
Acq: 23 Jun 2023 3:55

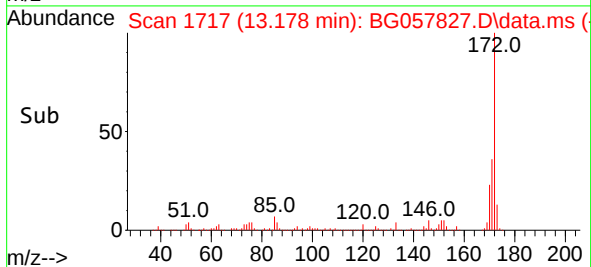
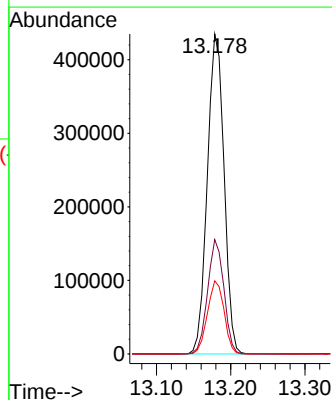
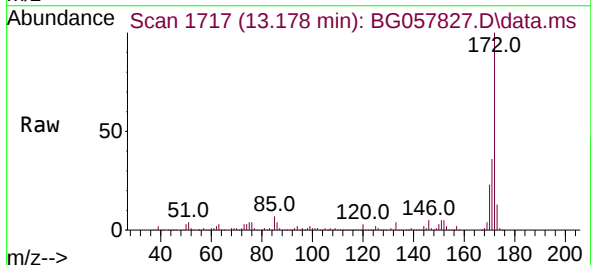
Instrument :
BNA_G
ClientSampleId :
WC-14

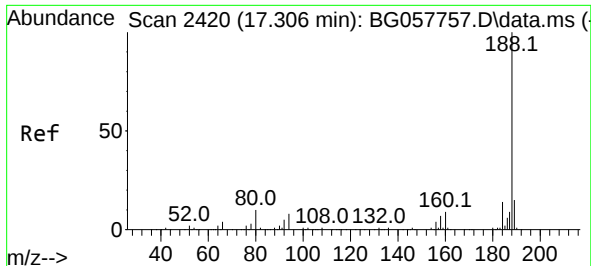
Tgt Ion:330 Resp: 217305
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 28.1 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 74.086 ng
RT: 13.178 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG057827.D
Acq: 23 Jun 2023 3:55

Tgt Ion:172 Resp: 681726
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 22.8 18.6 27.8

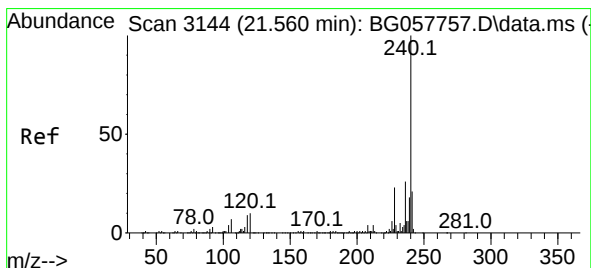
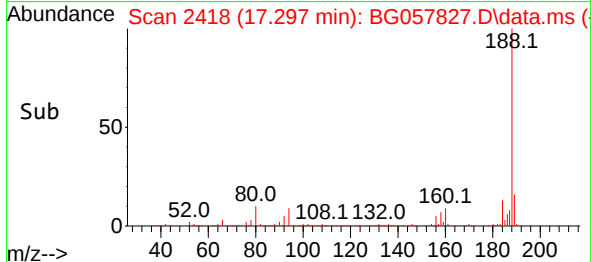
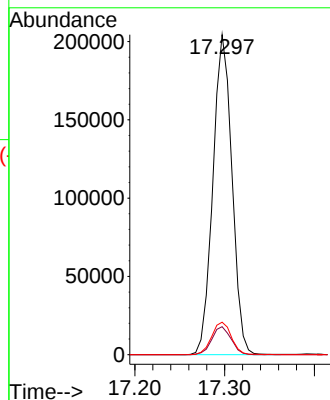
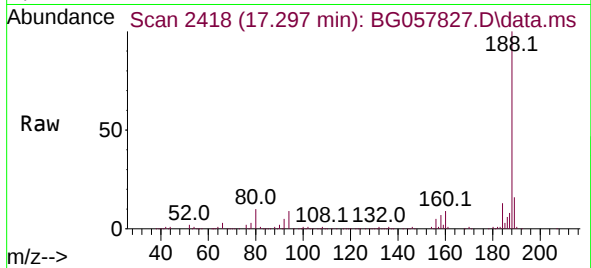




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.297 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BG057827.D
Acq: 23 Jun 2023 3:55

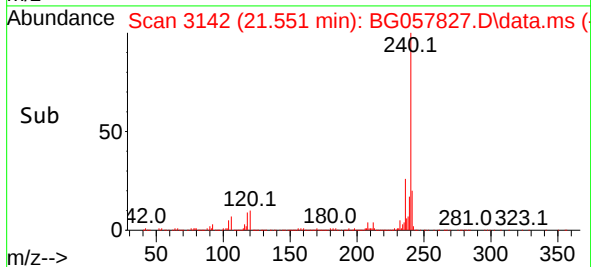
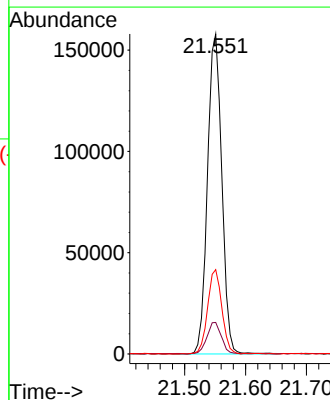
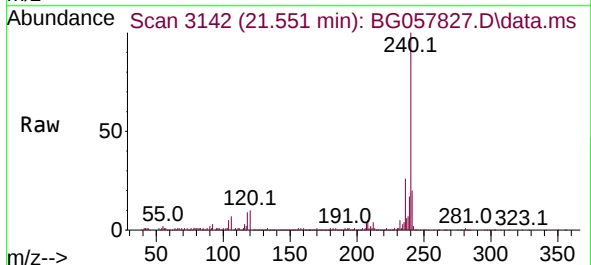
Instrument :
BNA_G
ClientSampleId :
WC-14

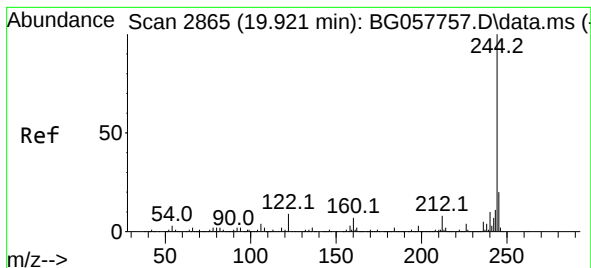
Tgt Ion:188 Resp: 301457
Ion Ratio Lower Upper
188 100
94 8.8 6.6 9.8
80 10.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BG057827.D
Acq: 23 Jun 2023 3:55

Tgt Ion:240 Resp: 257745
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 26.3 20.6 30.8





#79

Terphenyl-d14

Concen: 70.575 ng

RT: 19.918 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057827.D

Acq: 23 Jun 2023 3:55

Instrument :

BNA_G

ClientSampleId :

WC-14

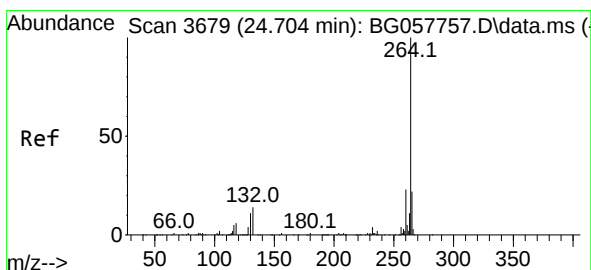
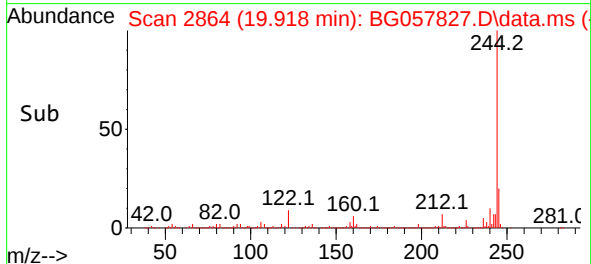
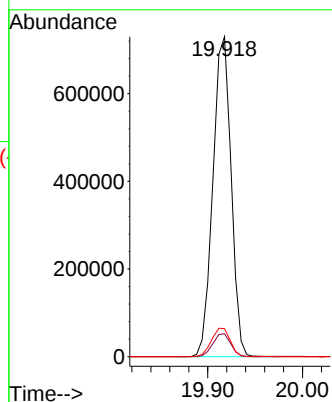
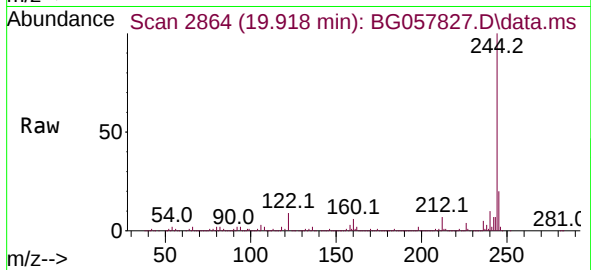
Tgt Ion:244 Resp: 975534

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 8.8 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.700 min Scan# 3678

Delta R.T. -0.003 min

Lab File: BG057827.D

Acq: 23 Jun 2023 3:55

Tgt Ion:264 Resp: 312284

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.2 17.4 26.2

