

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057825.D
 Acq On : 23 Jun 2023 2:32
 Operator : CG/JU
 Sample : 03320-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-12

Quant Time: Jun 23 03:48:59 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)

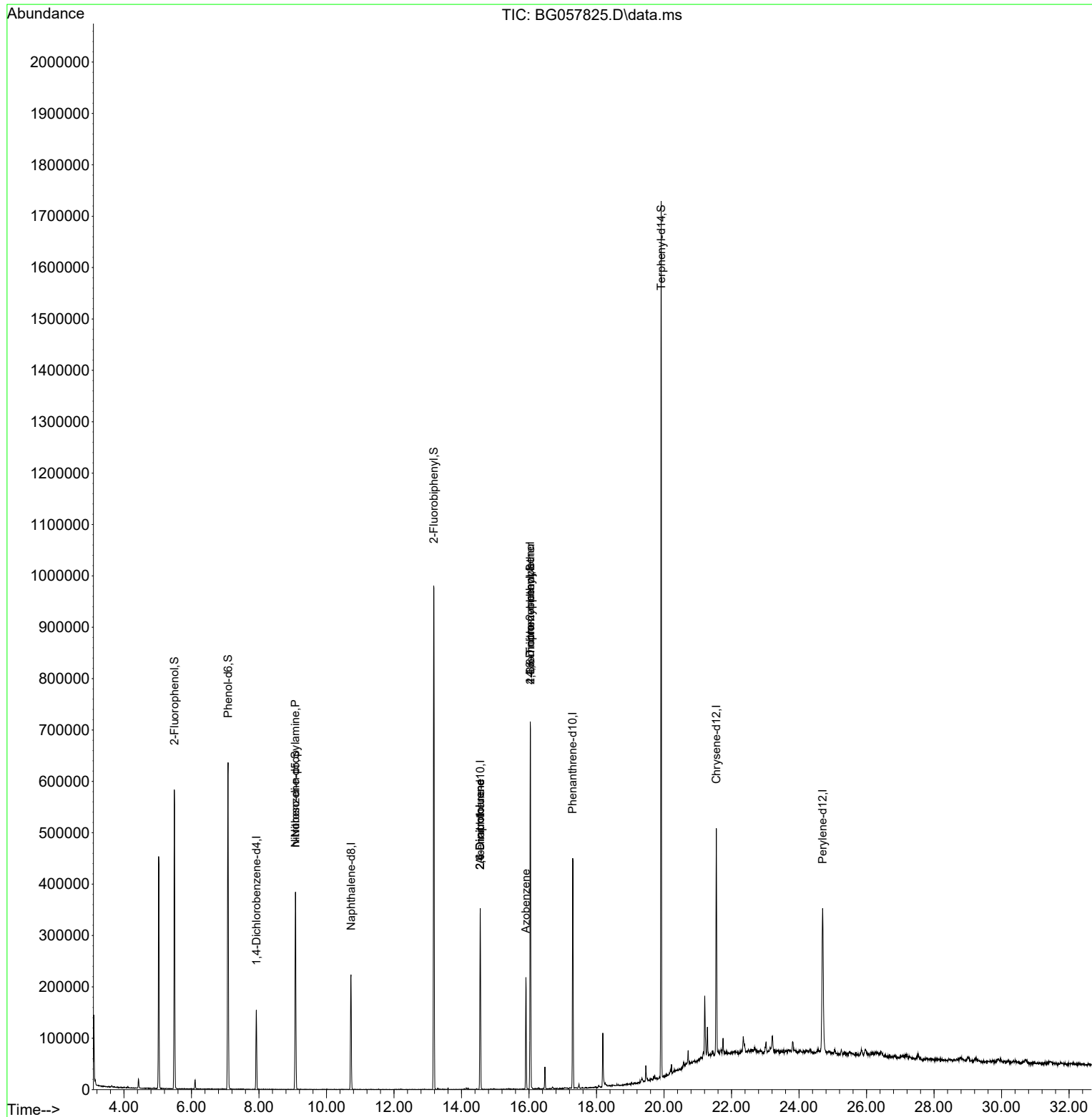
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	43119	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	190073	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	129236	20.000	ng	0.00
64) Phenanthrene-d10	17.295	188	290537	20.000	ng	-0.01
76) Chrysene-d12	21.549	240	248988	20.000	ng	-0.01
86) Perylene-d12	24.698	264	302144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	243998	87.252	ng	0.00
7) Phenol-d6	7.083	99	380917	89.271	ng	0.00
23) Nitrobenzene-d5	9.081	82	229130	61.870	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	155576	86.419	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	541128	63.508	ng	0.00
79) Terphenyl-d14	19.915	244	856718	64.160	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.081	70	28481	9.574	ng	# 73
51) 2,6-Dinitrotoluene	14.551	165	16664	9.117	ng	# 20
57) 2,4-Dinitrotoluene	14.551	165	16664	6.723	ng	# 21
63) Azobenzene	15.908	77	59853	5.746	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.037	198	313	5.520	ng	# 1
67) 4-Bromophenyl-phenylether	16.043	248	9647	3.131	ng	# 1

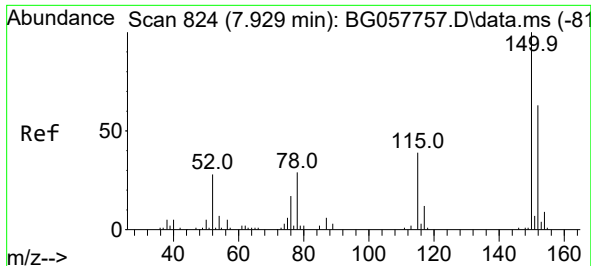
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
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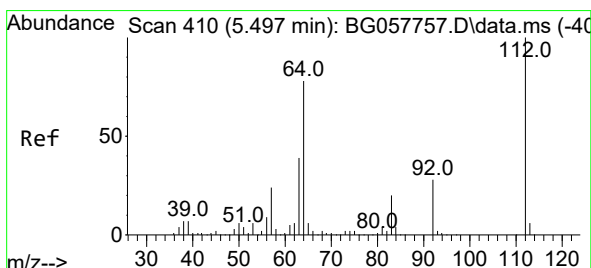
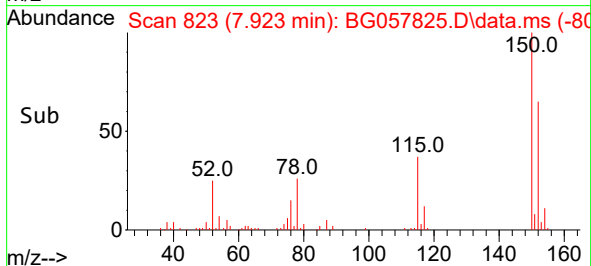
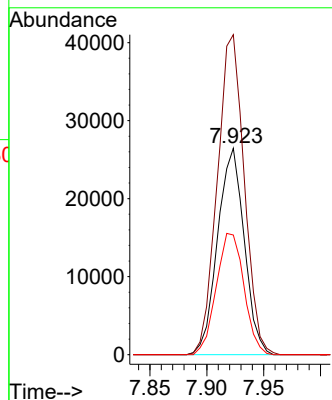
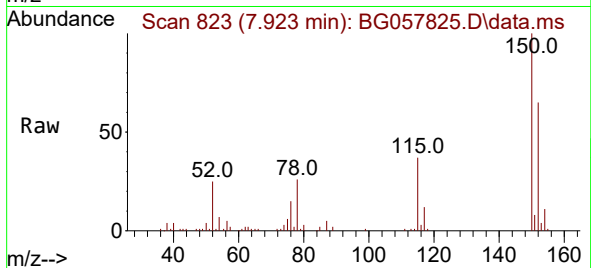




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

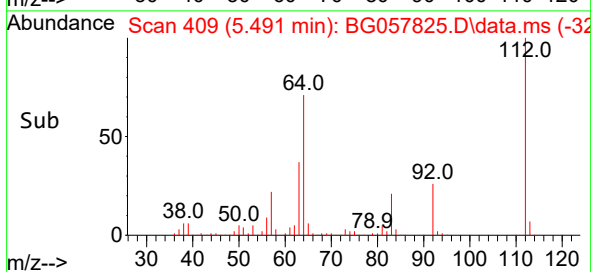
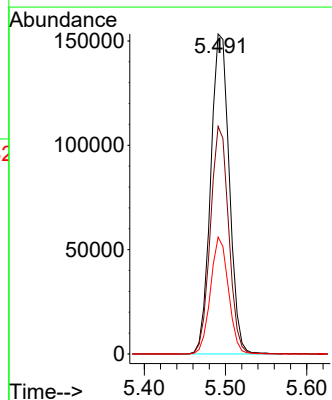
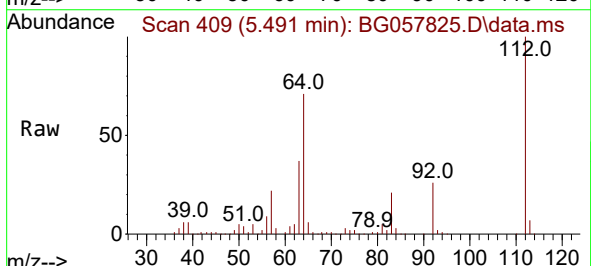
Instrument :
BNA_G
ClientSampleId :
WC-12

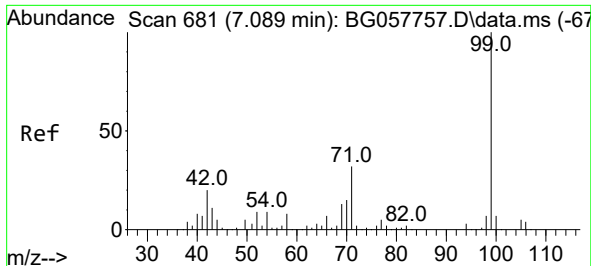
Tgt Ion:152 Resp: 43119
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 58.0 48.9 73.3



#5
2-Fluorophenol
Concen: 87.252 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

Tgt Ion:112 Resp: 243998
Ion Ratio Lower Upper
112 100
64 71.1 62.1 93.1
63 36.5 31.5 47.3

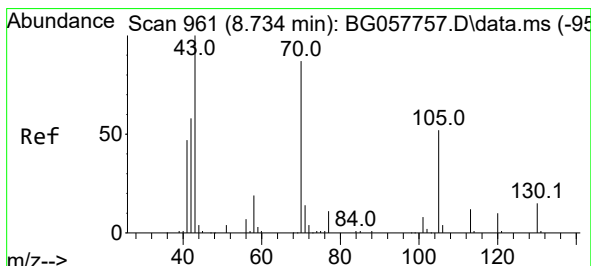
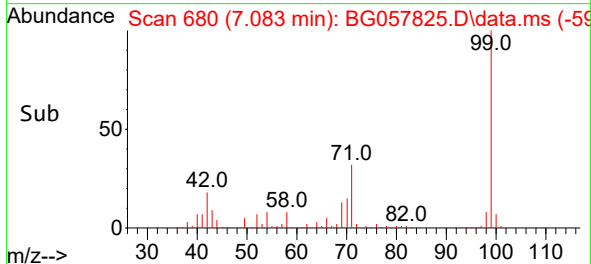
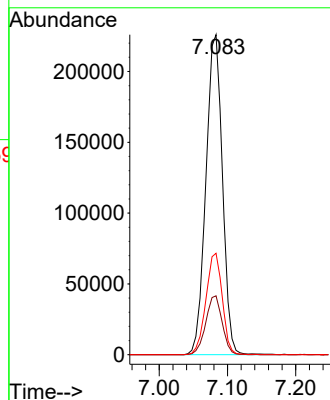
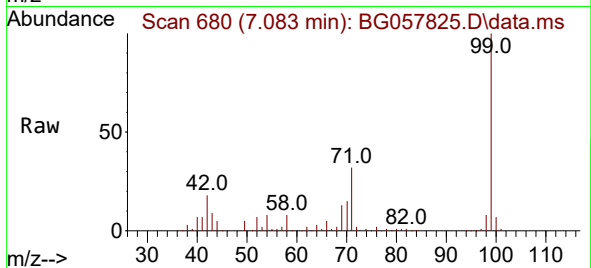




#7
Phenol-d6
Concen: 89.271 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

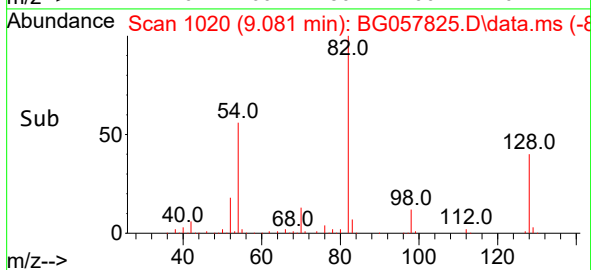
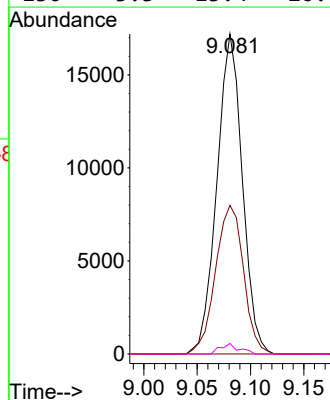
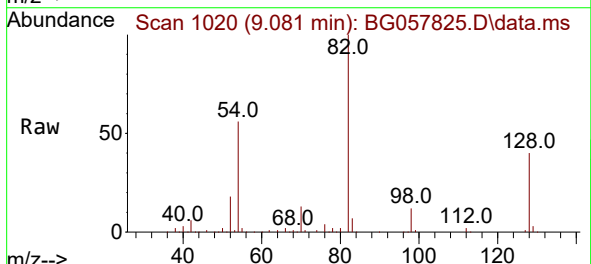
Instrument :
BNA_G
ClientSampleId :
WC-12

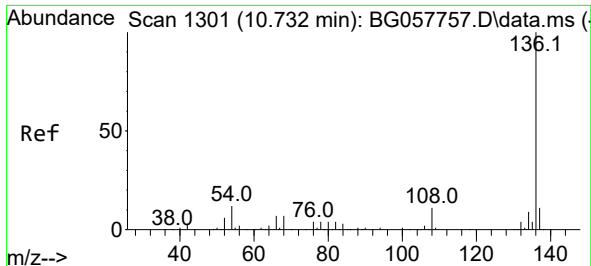
Tgt Ion: 99 Resp: 380917
Ion Ratio Lower Upper
99 100
42 18.4 16.4 24.6
71 31.7 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.574 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.347 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

Tgt Ion: 70 Resp: 28481
Ion Ratio Lower Upper
70 100
42 46.4 54.2 81.2#
101 0.0 7.4 11.0#
130 3.3 13.4 20.0#

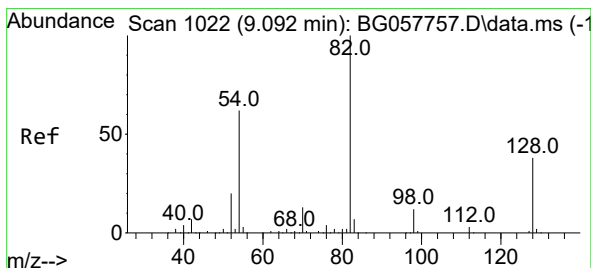
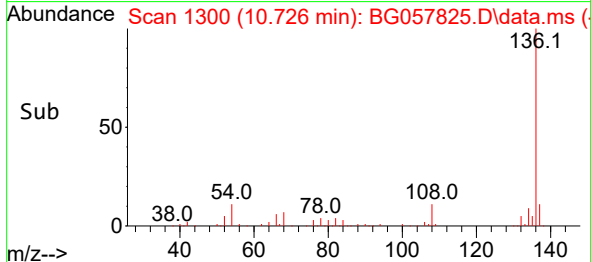
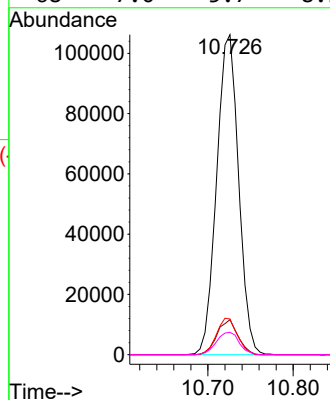
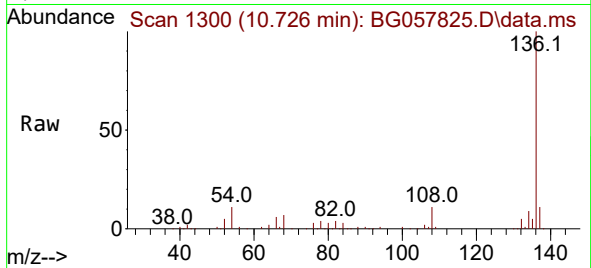




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

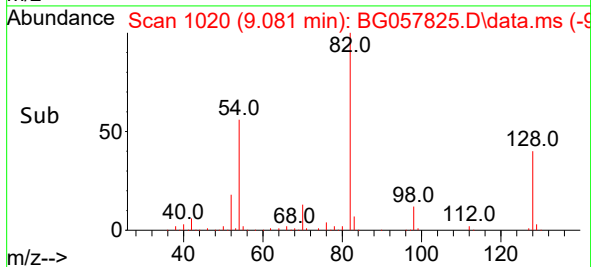
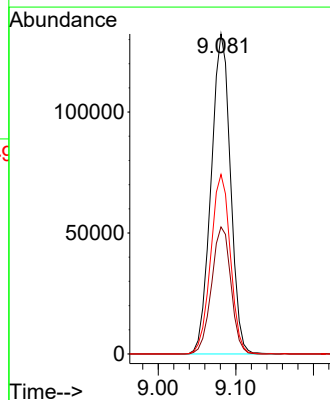
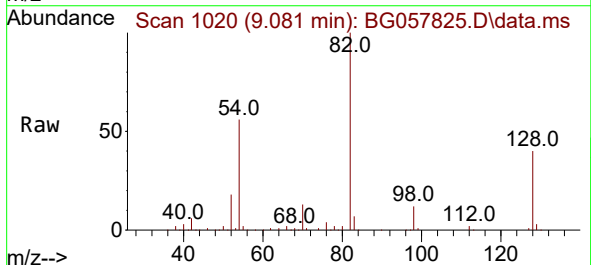
Instrument :
BNA_G
ClientSampleId :
WC-12

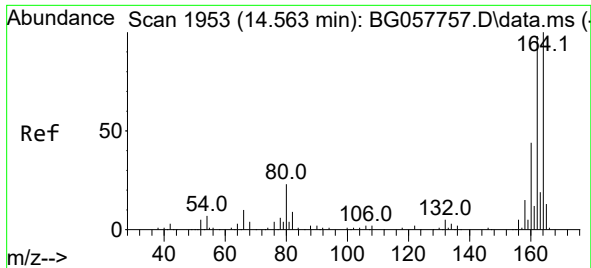
Tgt Ion:	136	Resp:	190073
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	11.1	9.5	14.3
68	7.0	5.7	8.5



#23
Nitrobenzene-d5
Concen: 61.870 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

Tgt Ion:	82	Resp:	229130
Ion Ratio	Lower	Upper	
82	100		
128	39.7	30.7	46.1
54	56.1	49.6	74.4

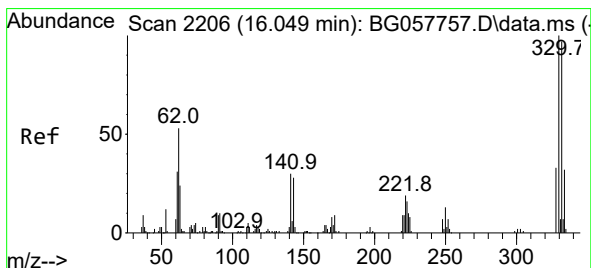
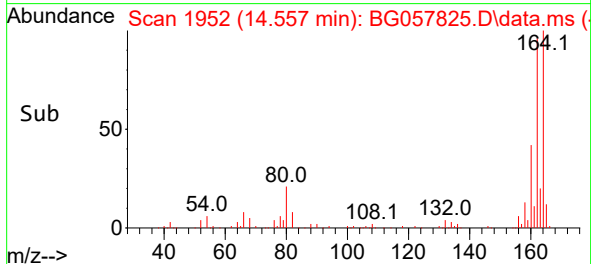
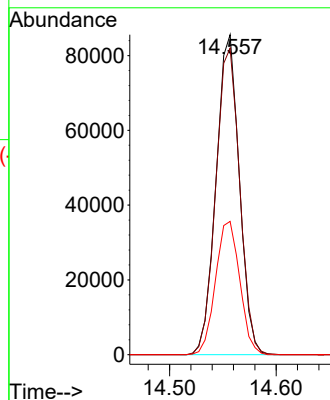
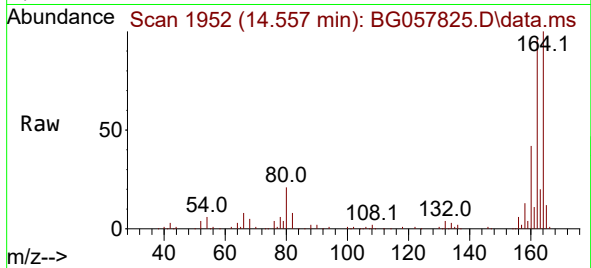




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

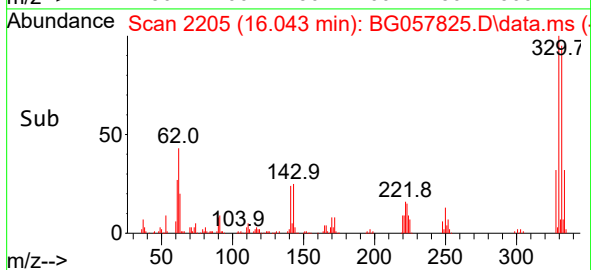
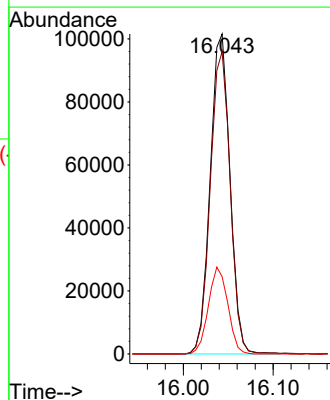
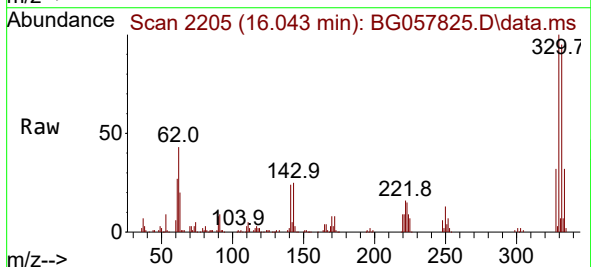
Instrument :
BNA_G
ClientSampleId :
WC-12

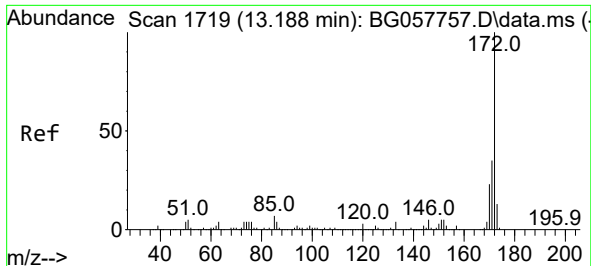
Tgt Ion:164 Resp: 129236
Ion Ratio Lower Upper
164 100
162 95.8 78.3 117.5
160 41.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 86.419 ng
RT: 16.043 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

Tgt Ion:330 Resp: 155576
Ion Ratio Lower Upper
330 100
332 94.7 76.6 115.0
141 26.6 24.7 37.1

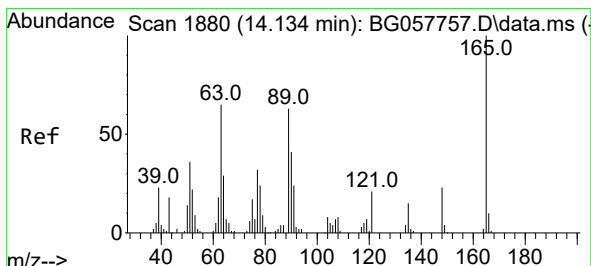
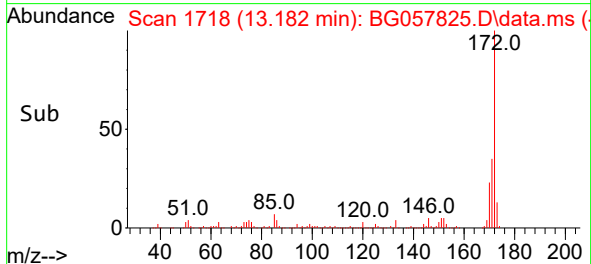
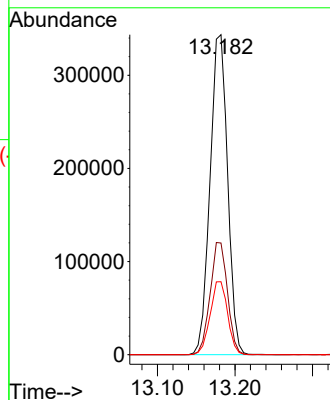
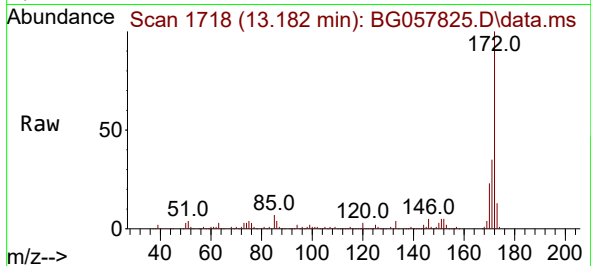




#45
2-Fluorobiphenyl
Concen: 63.508 ng
RT: 13.182 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

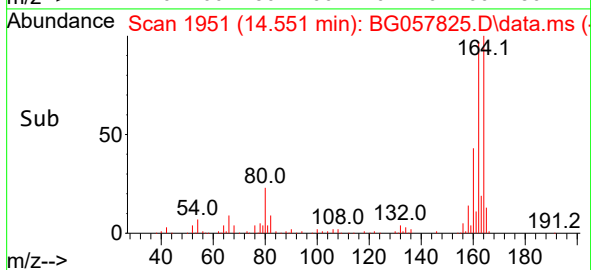
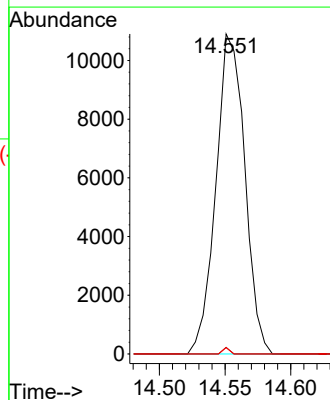
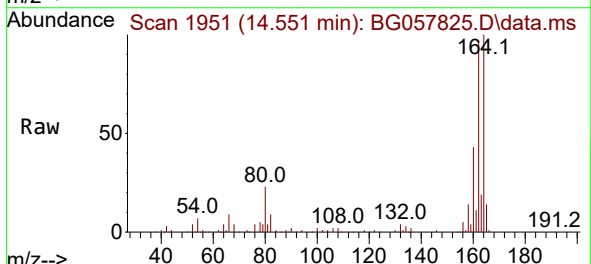
Instrument :
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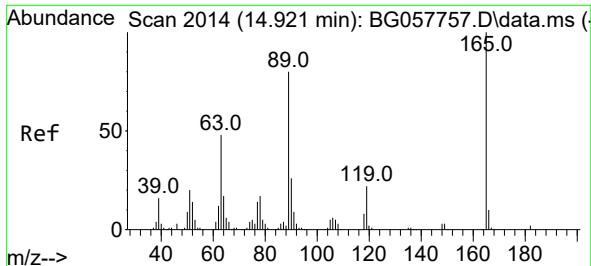
Tgt Ion:172 Resp: 541128
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.117 ng
RT: 14.551 min Scan# 1951
Delta R.T. 0.417 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

Tgt Ion:165 Resp: 16664
Ion Ratio Lower Upper
165 100
63 2.1 52.8 79.2#
89 2.0 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.723 ng

RT: 14.551 min Scan# 1951

Delta R.T. -0.370 min

Lab File: BG057825.D

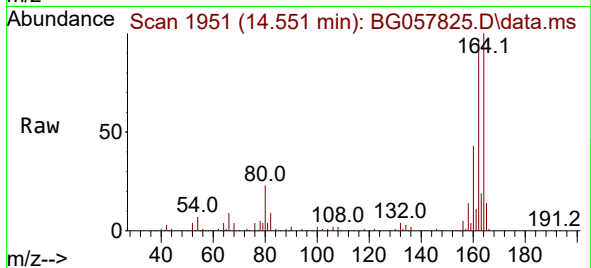
Acq: 23 Jun 2023 2:32

Instrument :

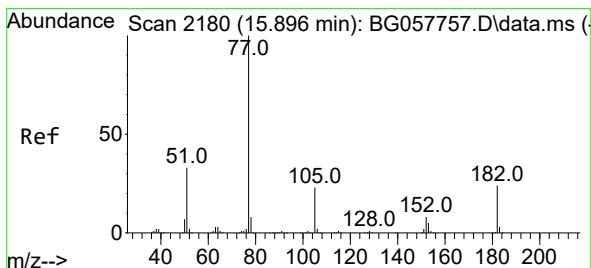
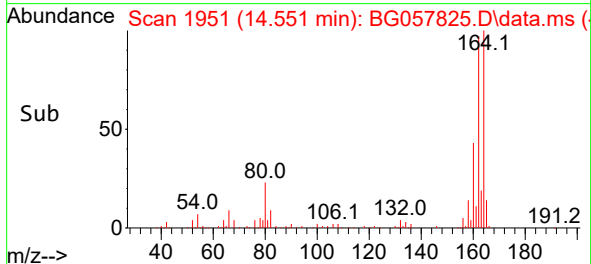
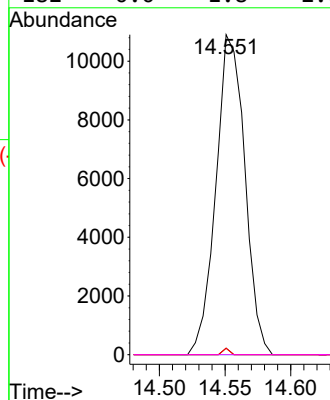
BNA_G

ClientSampleId :

WC-12



Tgt Ion:	165	Resp:	16664
Ion Ratio	100	Lower	Upper
63	2.1	38.6	58.0#
89	2.0	63.7	95.5#
182	0.0	1.8	2.6#



#63

Azobenzene

Concen: 5.746 ng

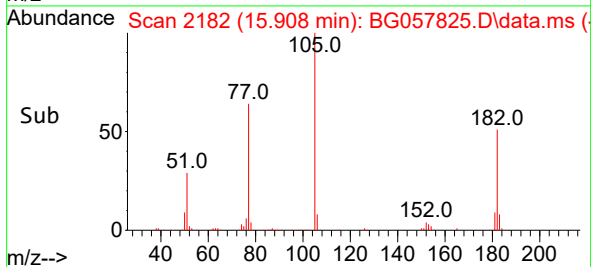
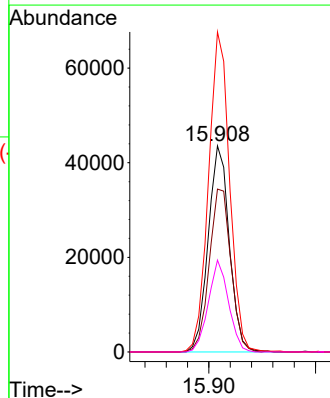
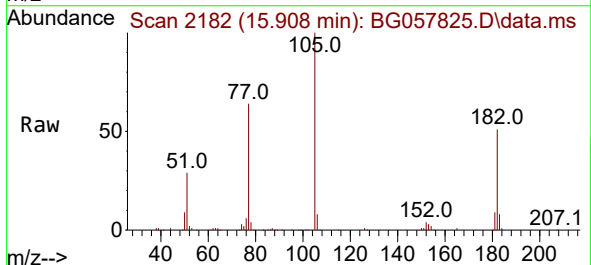
RT: 15.908 min Scan# 2182

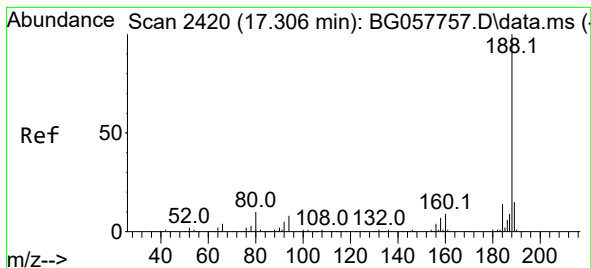
Delta R.T. 0.012 min

Lab File: BG057825.D

Acq: 23 Jun 2023 2:32

Tgt Ion:	77	Resp:	59853
Ion Ratio	100	Lower	Upper
182	79.0	4.1	44.1#
105	155.3	3.3	43.3#
51	44.6	13.4	53.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.295 min Scan# 24

Delta R.T. -0.012 min

Lab File: BG057825.D

Acq: 23 Jun 2023 2:32

Instrument :

BNA_G

ClientSampleId :

WC-12

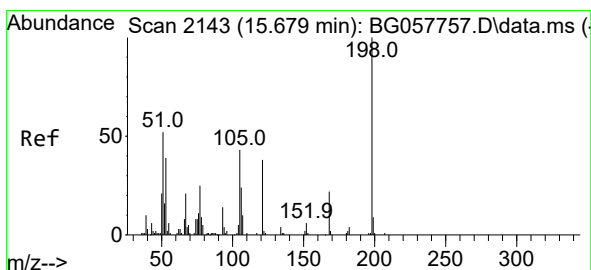
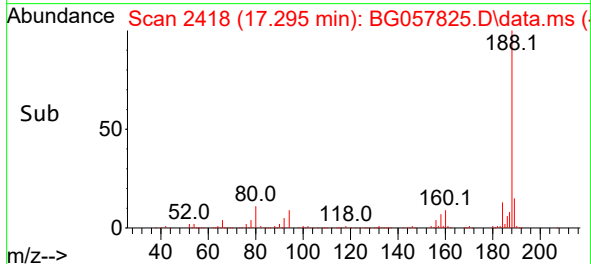
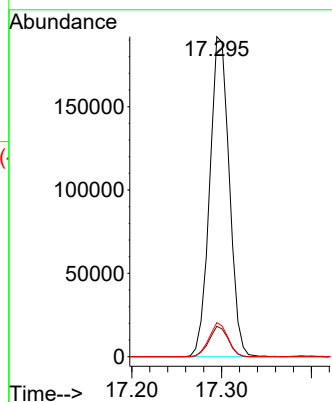
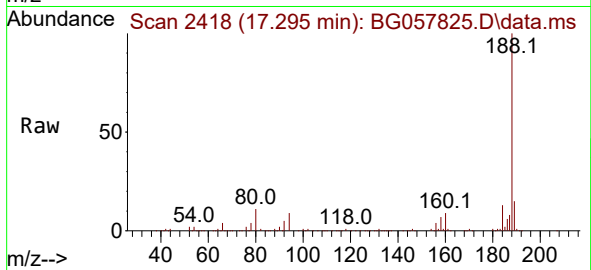
Tgt Ion:188 Resp: 290537

Ion Ratio Lower Upper

188 100

94 9.5 6.6 9.8

80 10.6 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.520 ng

RT: 16.037 min Scan# 2204

Delta R.T. 0.358 min

Lab File: BG057825.D

Acq: 23 Jun 2023 2:32

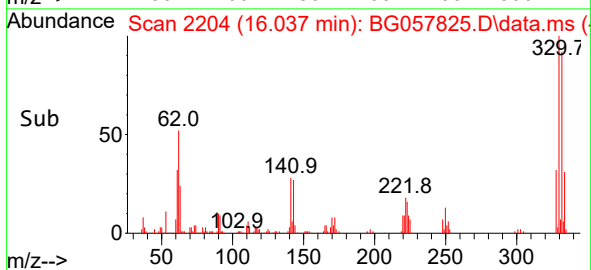
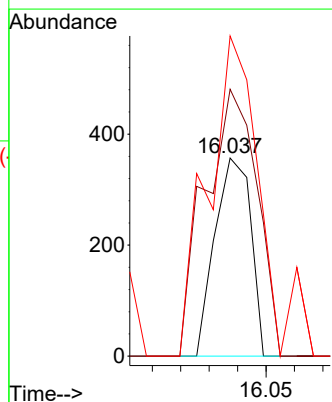
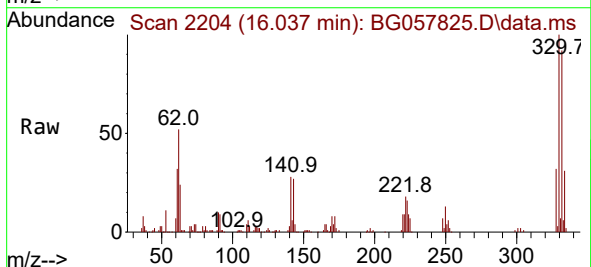
Tgt Ion:198 Resp: 313

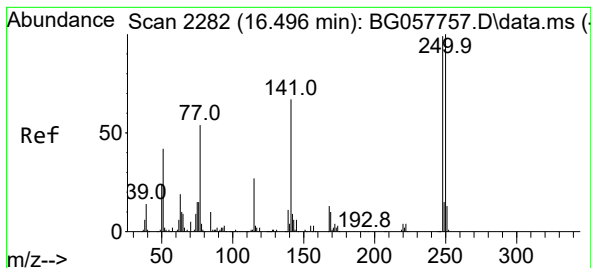
Ion Ratio Lower Upper

198 100

51 134.7 36.6 76.6#

105 161.6 24.3 64.3#

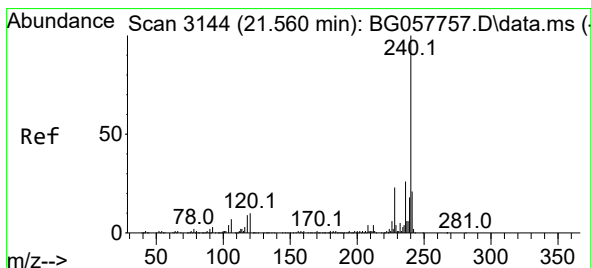
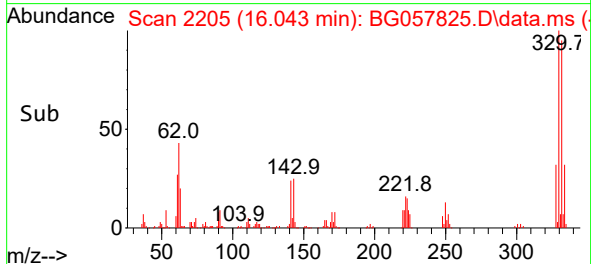
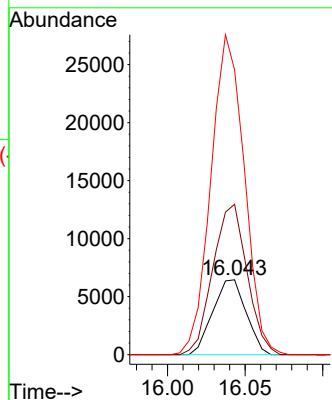
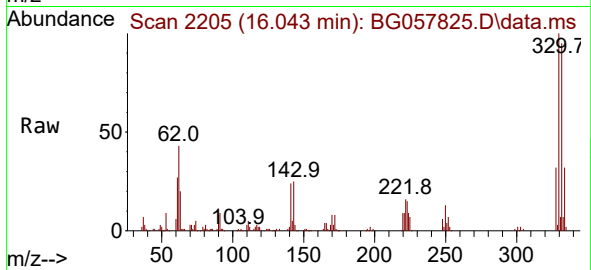




#67
4-Bromophenyl-phenylether
Concen: 3.131 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

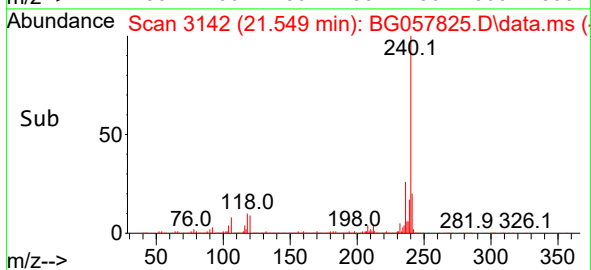
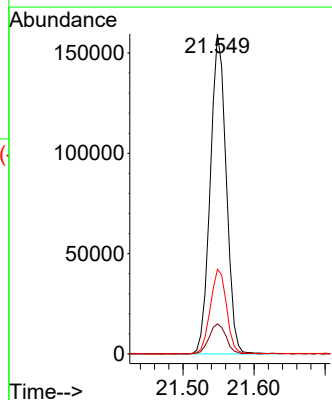
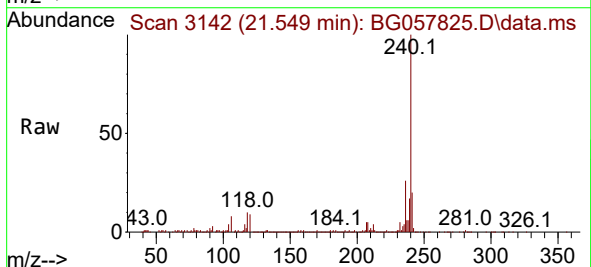
Instrument :
BNA_G
ClientSampleId :
WC-12

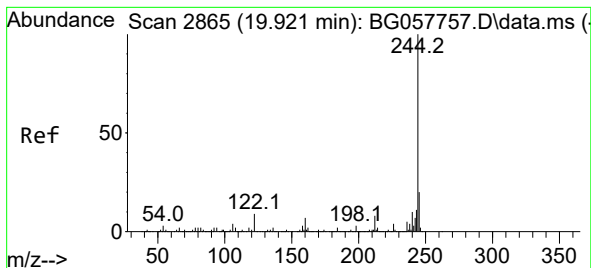
Tgt Ion:248 Resp: 9647
Ion Ratio Lower Upper
248 100
250 200.7 81.1 121.7#
141 380.2 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

Tgt Ion:240 Resp: 248988
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 26.5 20.6 30.8





#79

Terphenyl-d14

Concen: 64.160 ng

RT: 19.915 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057825.D

Acq: 23 Jun 2023 2:32

Instrument :

BNA_G

ClientSampleId :

WC-12

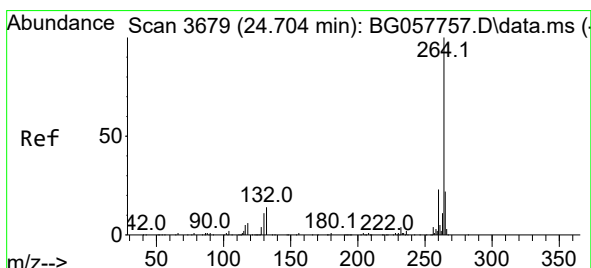
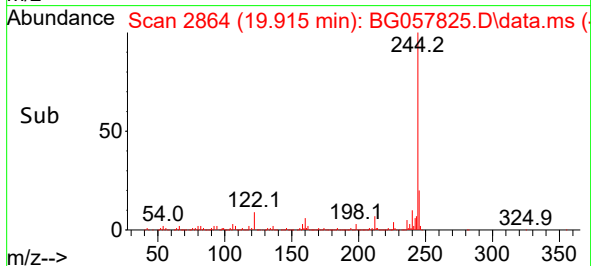
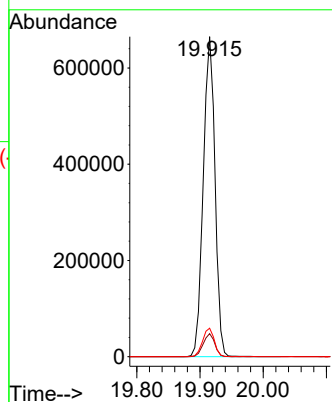
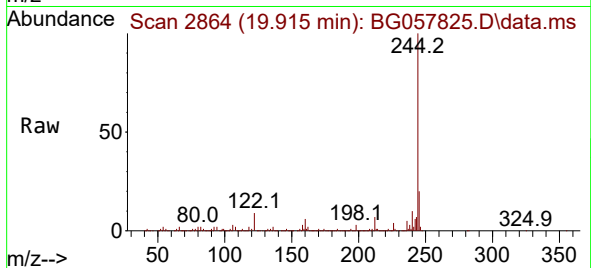
Tgt Ion:244 Resp: 856718

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: 24.698 min Scan# 3678

Delta R.T. -0.006 min

Lab File: BG057825.D

Acq: 23 Jun 2023 2:32

Tgt Ion:264 Resp: 302144

Ion Ratio Lower Upper

264 100

260 22.3 18.5 27.7

265 22.1 17.4 26.2

