

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
 Data File : BG056359.D
 Acq On : 19 Jan 2023 23:14
 Operator : CG/JU
 Sample : 01215-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011823

Quant Time: Jan 20 01:38:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

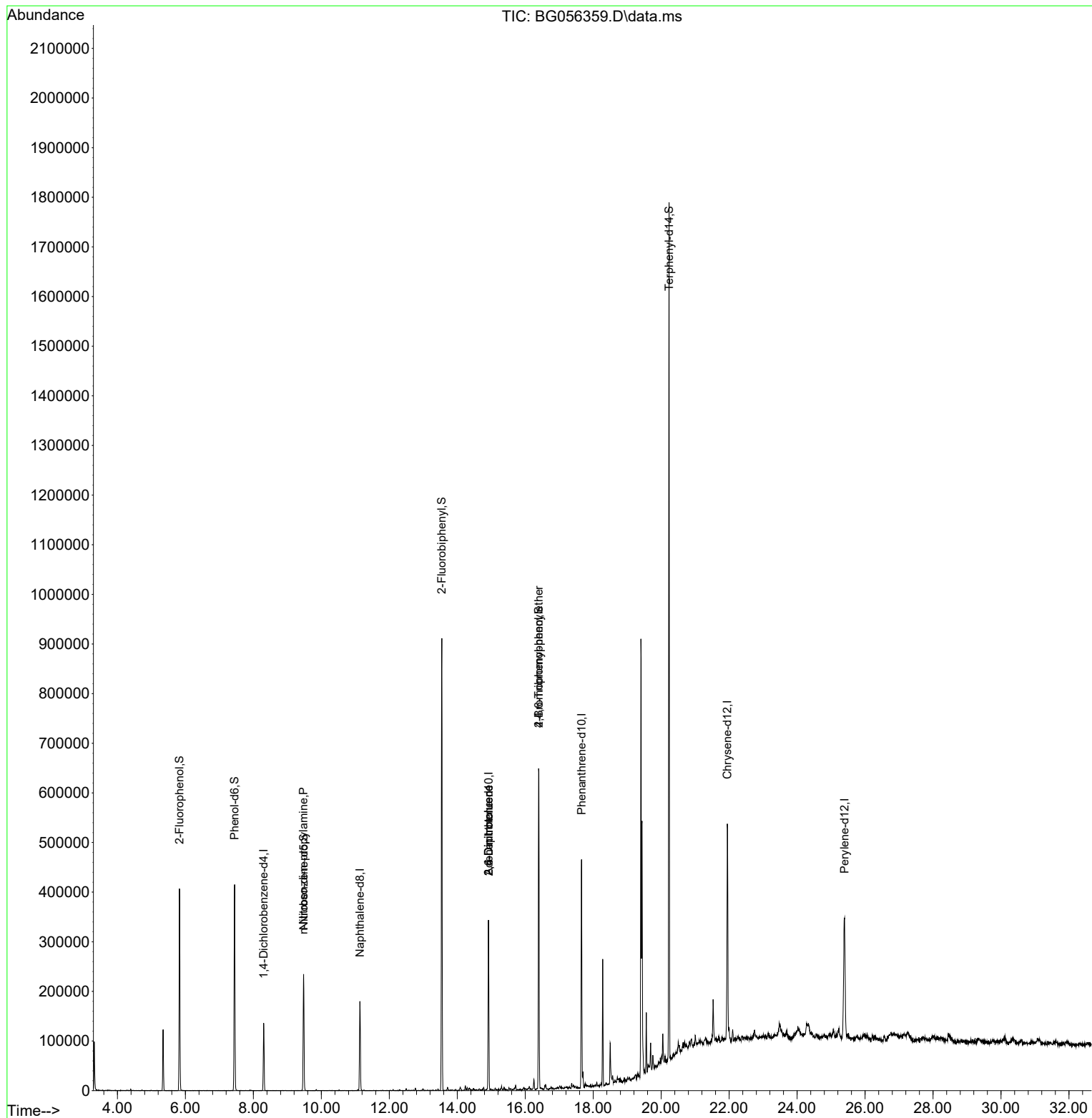
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.304	152	44683	20.000	ng	0.00
21) Naphthalene-d8	11.136	136	173198	20.000	ng	0.00
39) Acenaphthene-d10	14.920	164	134908	20.000	ng	0.00
64) Phenanthrene-d10	17.658	188	319685	20.000	ng	0.00
76) Chrysene-d12	21.947	240	294304	20.000	ng	0.00
86) Perylene-d12	25.396	264	321867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	230896	92.264	ng	0.00
7) Phenol-d6	7.447	99	323327	84.129	ng	0.00
23) Nitrobenzene-d5	9.479	82	168907	49.884	ng	0.00
42) 2,4,6-Tribromophenol	16.401	330	142614	83.469	ng	0.00
45) 2-Fluorobiphenyl	13.545	172	531443	54.398	ng	0.00
79) Terphenyl-d14	20.232	244	925862	56.345	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.474	70	21025	8.997	ng	# 73
51) 2,6-Dinitrotoluene	14.920	165	18131	7.813	ng	# 32
57) 2,4-Dinitrotoluene	14.920	165	18131	5.587	ng	# 29
67) 4-Bromophenyl-phenylether	16.401	248	11199	2.751	ng	# 1

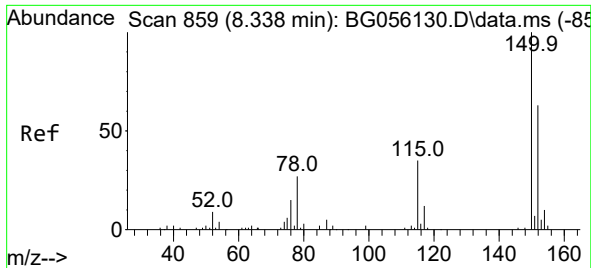
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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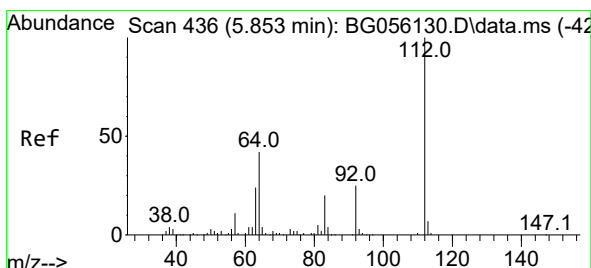
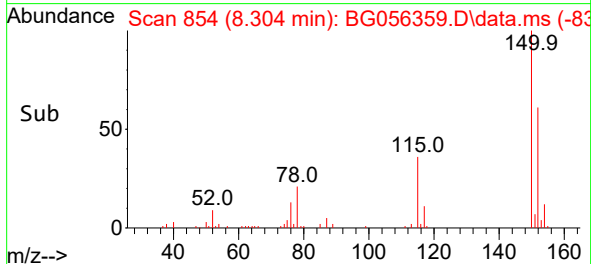
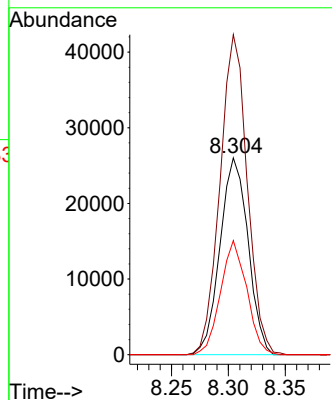
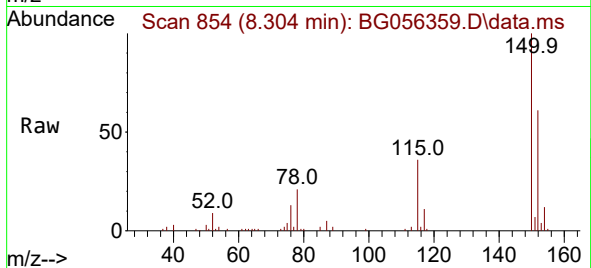




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.304 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

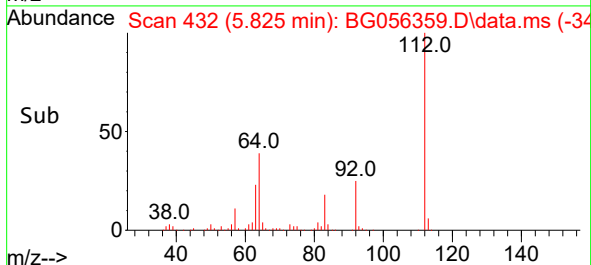
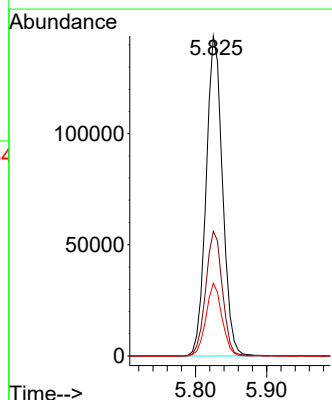
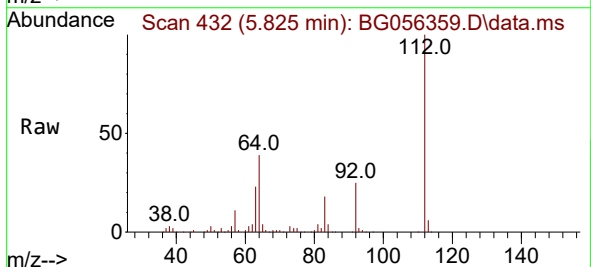
Instrument :
BNA_G
ClientSampleId :
BU-02-011823

Tgt Ion:152 Resp: 44683
Ion Ratio Lower Upper
152 100
150 162.6 127.9 191.9
115 58.0 44.2 66.2



#5
2-Fluorophenol
Concen: 92.264 ng
RT: 5.825 min Scan# 432
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

Tgt Ion:112 Resp: 230896
Ion Ratio Lower Upper
112 100
64 39.0 33.3 49.9
63 22.7 19.0 28.4

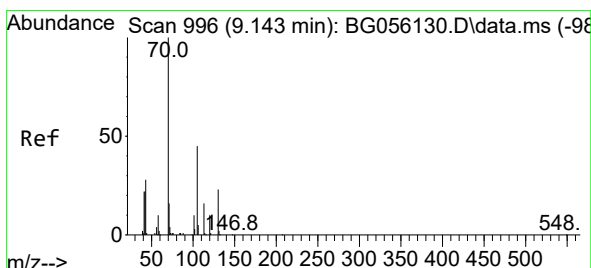
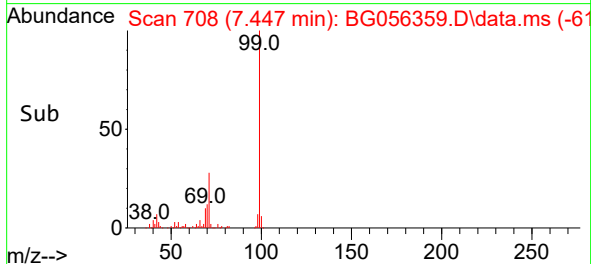
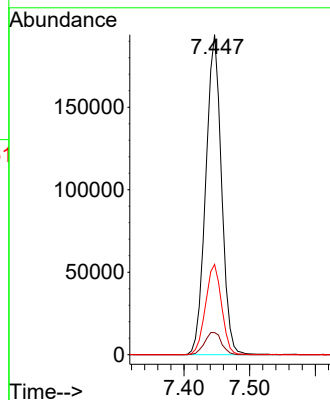
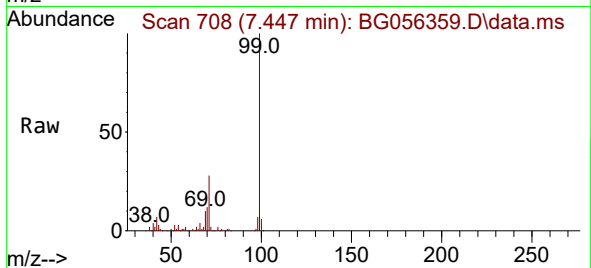




#7
Phenol-d6
Concen: 84.129 ng
RT: 7.447 min Scan# 70
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

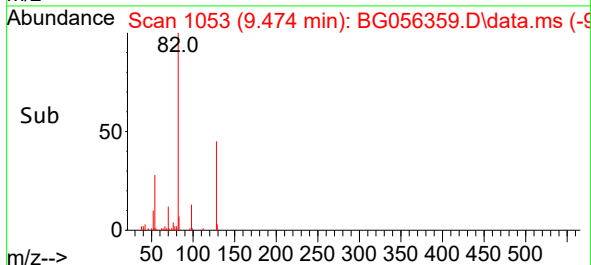
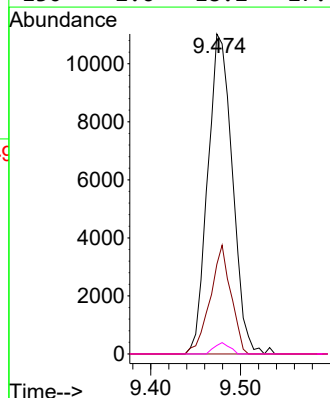
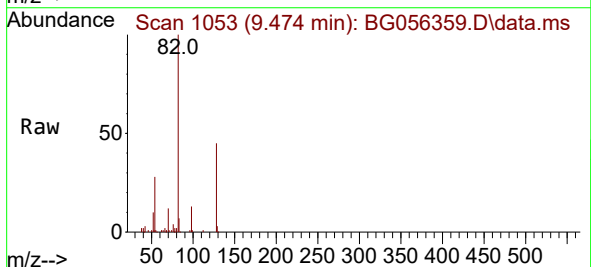
Instrument :
BNA_G
ClientSampleId :
BU-02-011823

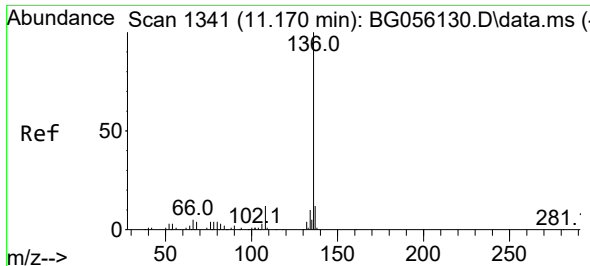
Tgt Ion: 99 Resp: 323327
Ion Ratio Lower Upper
99 100
42 6.9 5.9 8.9
71 28.2 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.997 ng
RT: 9.474 min Scan# 1053
Delta R.T. 0.363 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

Tgt Ion: 70 Resp: 21025
Ion Ratio Lower Upper
70 100
42 28.0 18.2 27.2#
101 0.0 8.3 12.5#
130 2.6 18.2 27.4#

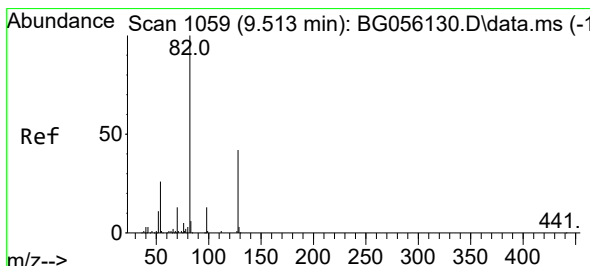
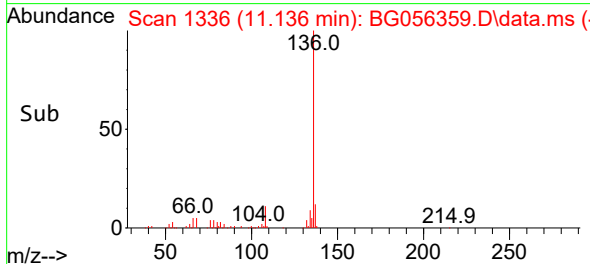
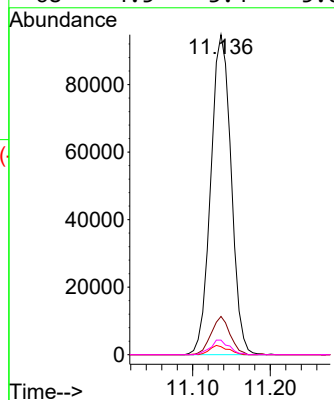
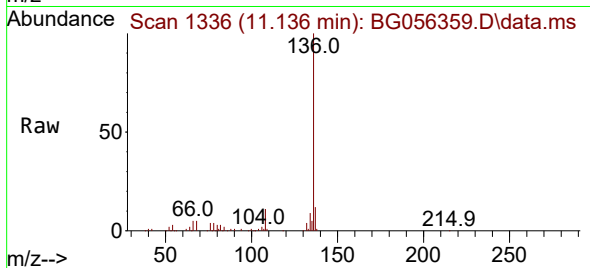




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.136 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

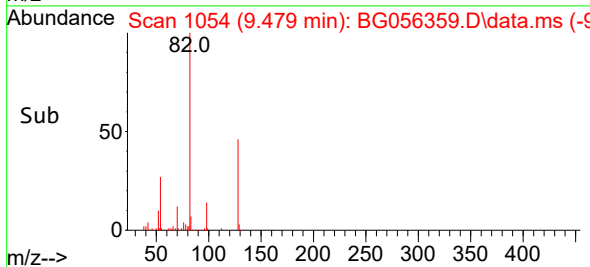
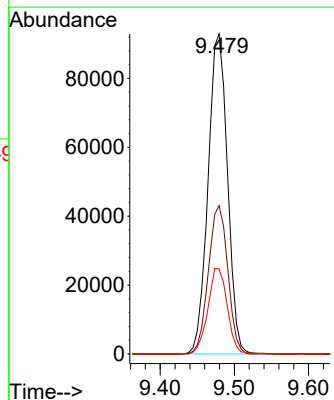
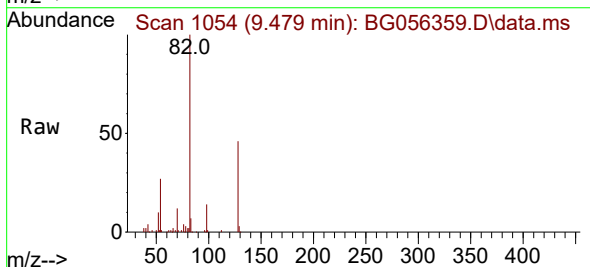
Instrument :
BNA_G
ClientSampleId :
BU-02-011823

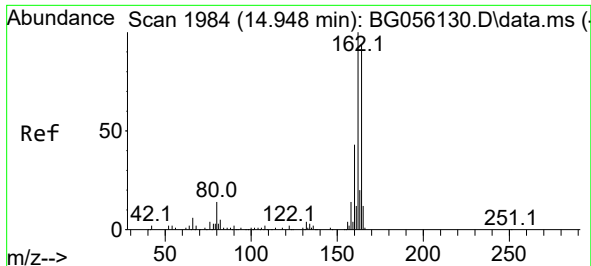
Tgt Ion:	136	Resp:	173198
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.4	14.0
54	2.5	2.2	3.2
68	4.5	3.4	5.0



#23
Nitrobenzene-d5
Concen: 49.884 ng
RT: 9.479 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

Tgt Ion:	82	Resp:	168907
Ion	Ratio	Lower	Upper
82	100		
128	46.4	33.4	50.2
54	26.6	20.3	30.5

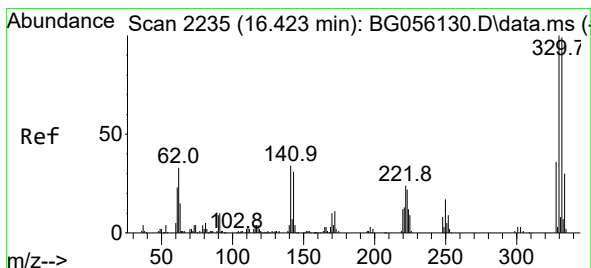
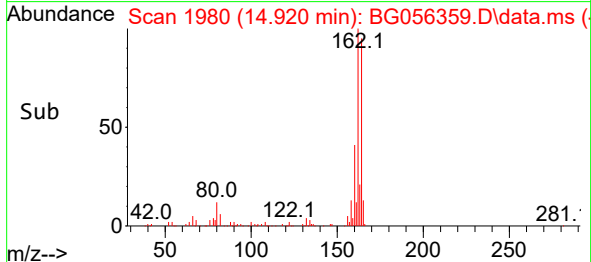
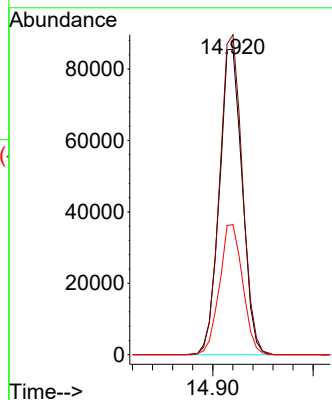
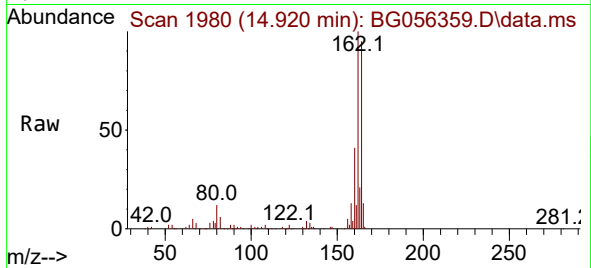




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.920 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

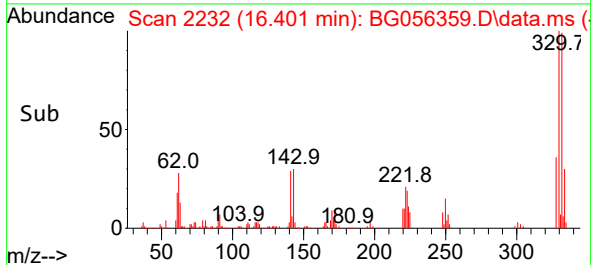
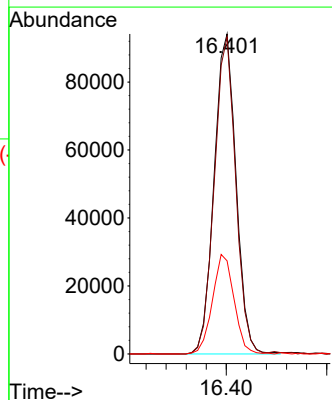
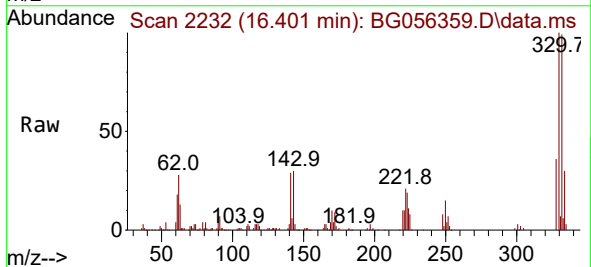
Instrument :
BNA_G
ClientSampleId :
BU-02-011823

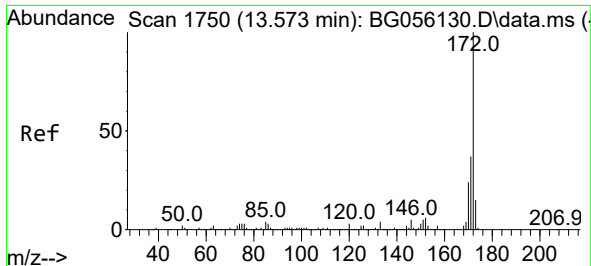
Tgt Ion:164 Resp: 134908
Ion Ratio Lower Upper
164 100
162 104.8 84.7 127.1
160 42.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 83.469 ng
RT: 16.401 min Scan# 2232
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

Tgt Ion:330 Resp: 142614
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.7 27.9 41.9

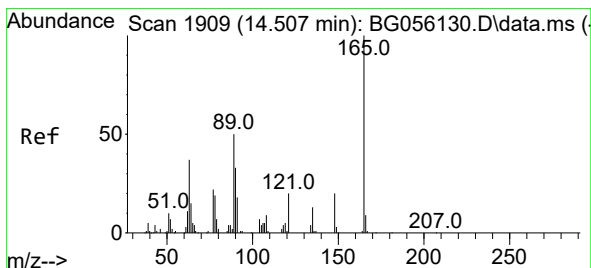
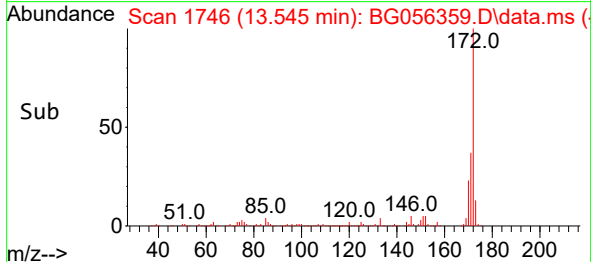
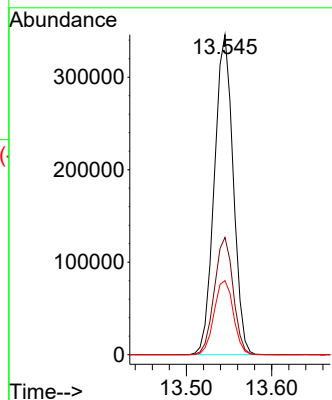
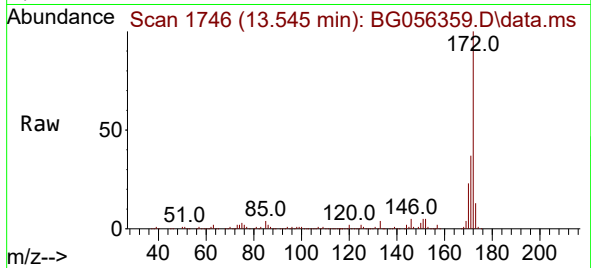




#45
2-Fluorobiphenyl
Concen: 54.398 ng
RT: 13.545 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

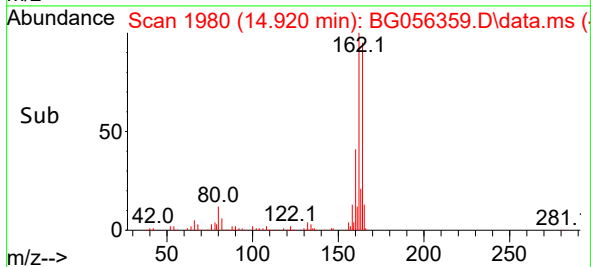
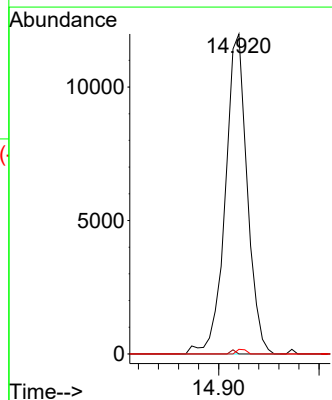
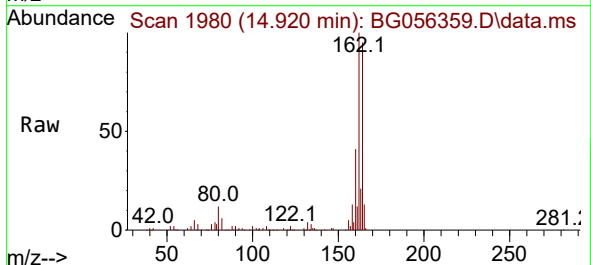
Instrument :
BNA_G
ClientSampleId :
BU-02-011823

Tgt Ion:172 Resp: 531443
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.2 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.813 ng
RT: 14.920 min Scan# 1980
Delta R.T. 0.433 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

Tgt Ion:165 Resp: 18131
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.4 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.587 ng

RT: 14.920 min Scan# 14

Delta R.T. -0.354 min

Lab File: BG056359.D

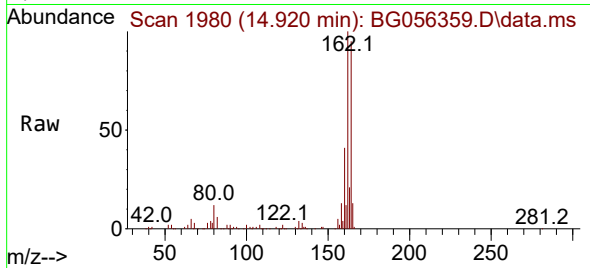
Acq: 19 Jan 2023 23:14

Instrument :

BNA_G

ClientSampleId :

BU-02-011823



Tgt Ion:165 Resp: 18131

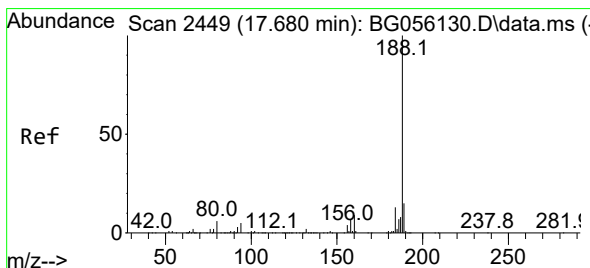
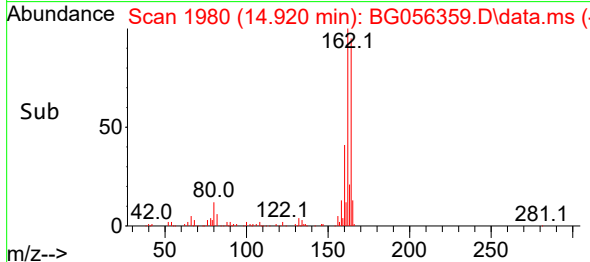
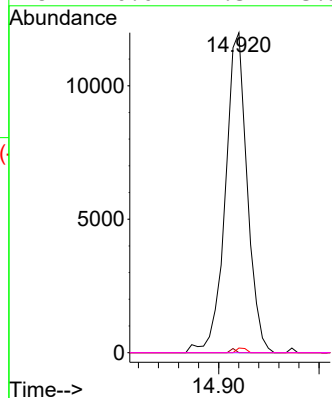
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 1.4 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.658 min Scan# 2446

Delta R.T. -0.002 min

Lab File: BG056359.D

Acq: 19 Jan 2023 23:14

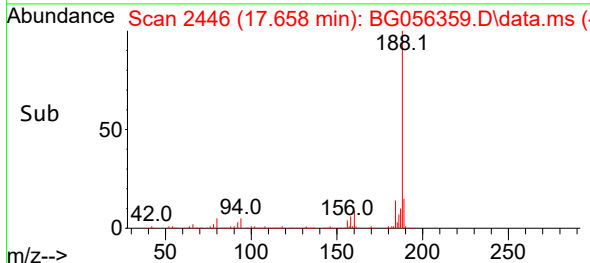
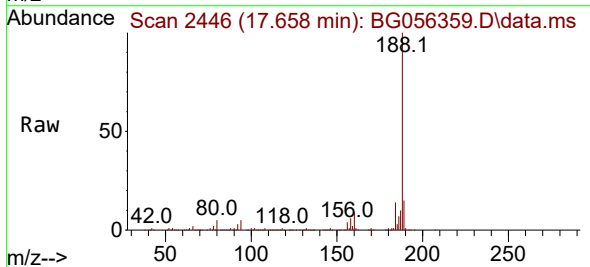
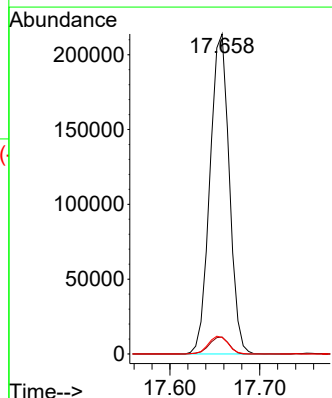
Tgt Ion:188 Resp: 319685

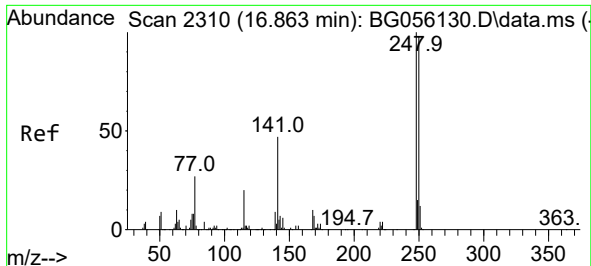
Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.2

80 5.1 5.0 7.4

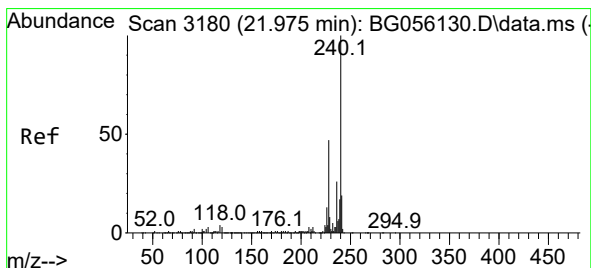
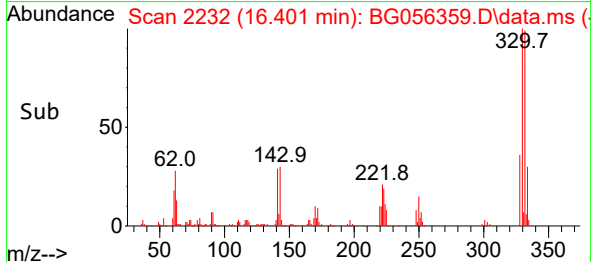
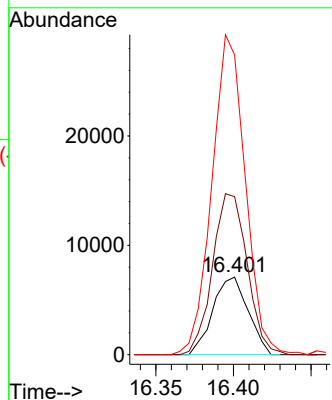
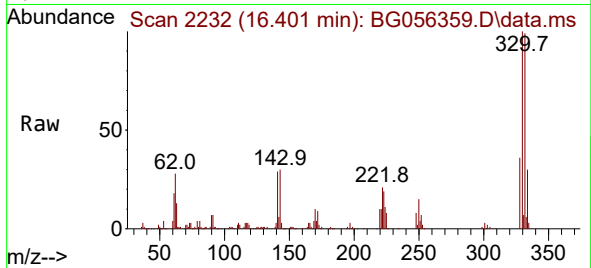




#67
4-Bromophenyl-phenylether
Concen: 2.751 ng
RT: 16.401 min Scan# 21199
Delta R.T. -0.436 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

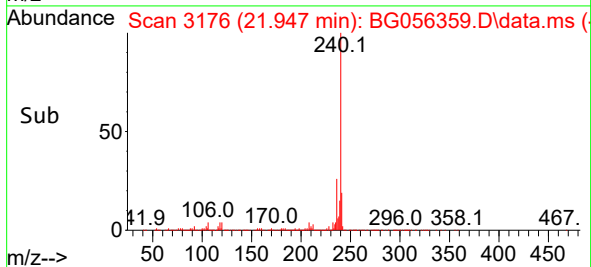
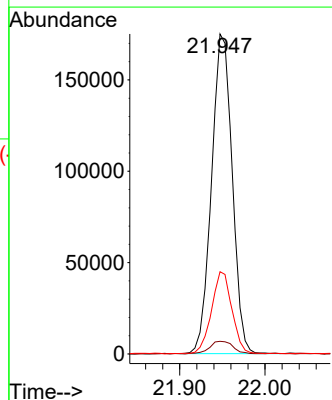
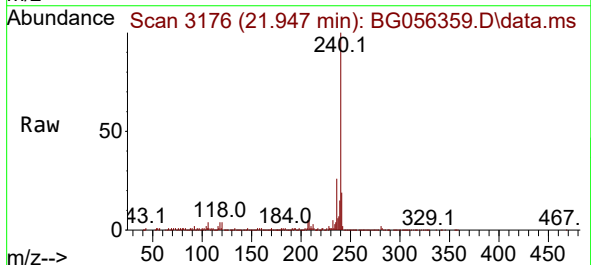
Instrument :
BNA_G
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BU-02-011823

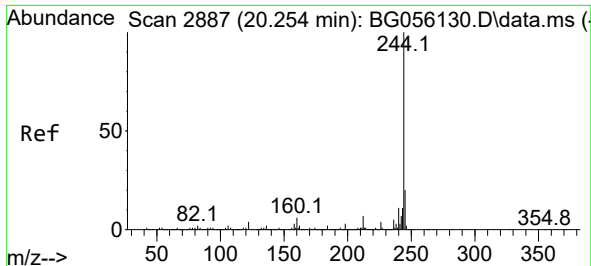
Tgt Ion:248 Resp: 11199
Ion Ratio Lower Upper
248 100
250 203.8 78.2 117.4#
141 386.1 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.947 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

Tgt Ion:240 Resp: 294304
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 25.7 20.8 31.2

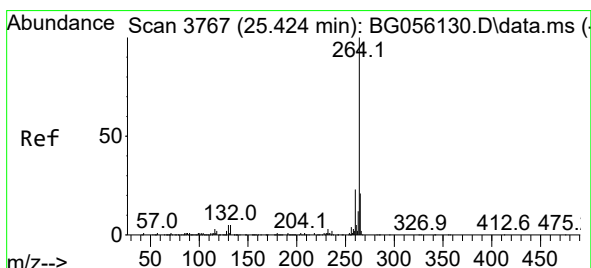
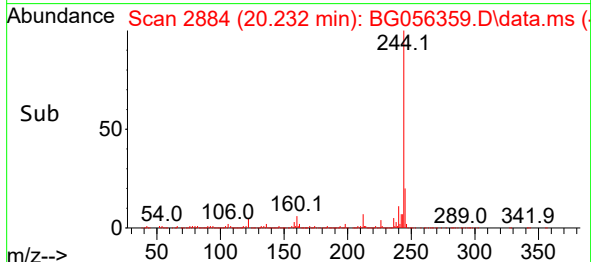
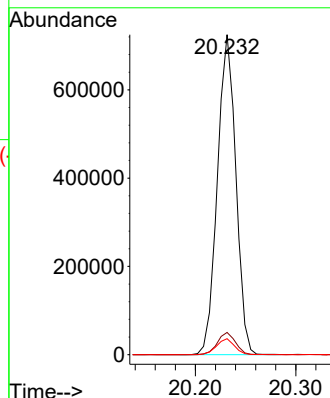
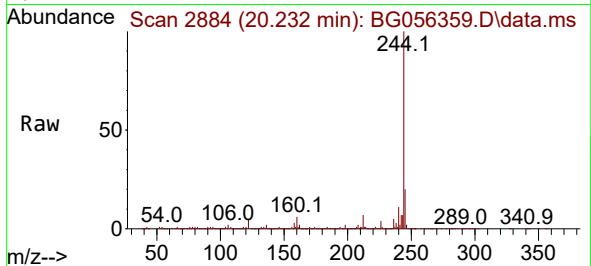




#79
 Terphenyl-d14
 Concen: 56.345 ng
 RT: 20.232 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056359.D
 Acq: 19 Jan 2023 23:14

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011823

Tgt Ion:244 Resp: 925862
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 5.0 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.396 min Scan# 3763
 Delta R.T. 0.004 min
 Lab File: BG056359.D
 Acq: 19 Jan 2023 23:14

Tgt Ion:264 Resp: 321867
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 22.1 16.7 25.1

