

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
 Data File : BG056185.D
 Acq On : 3 Jan 2023 14:10
 Operator : CG/JU
 Sample : PB150009BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150009BL

Quant Time: Jan 04 02:12:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 02:08:15 2023
 Response via : Initial Calibration

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

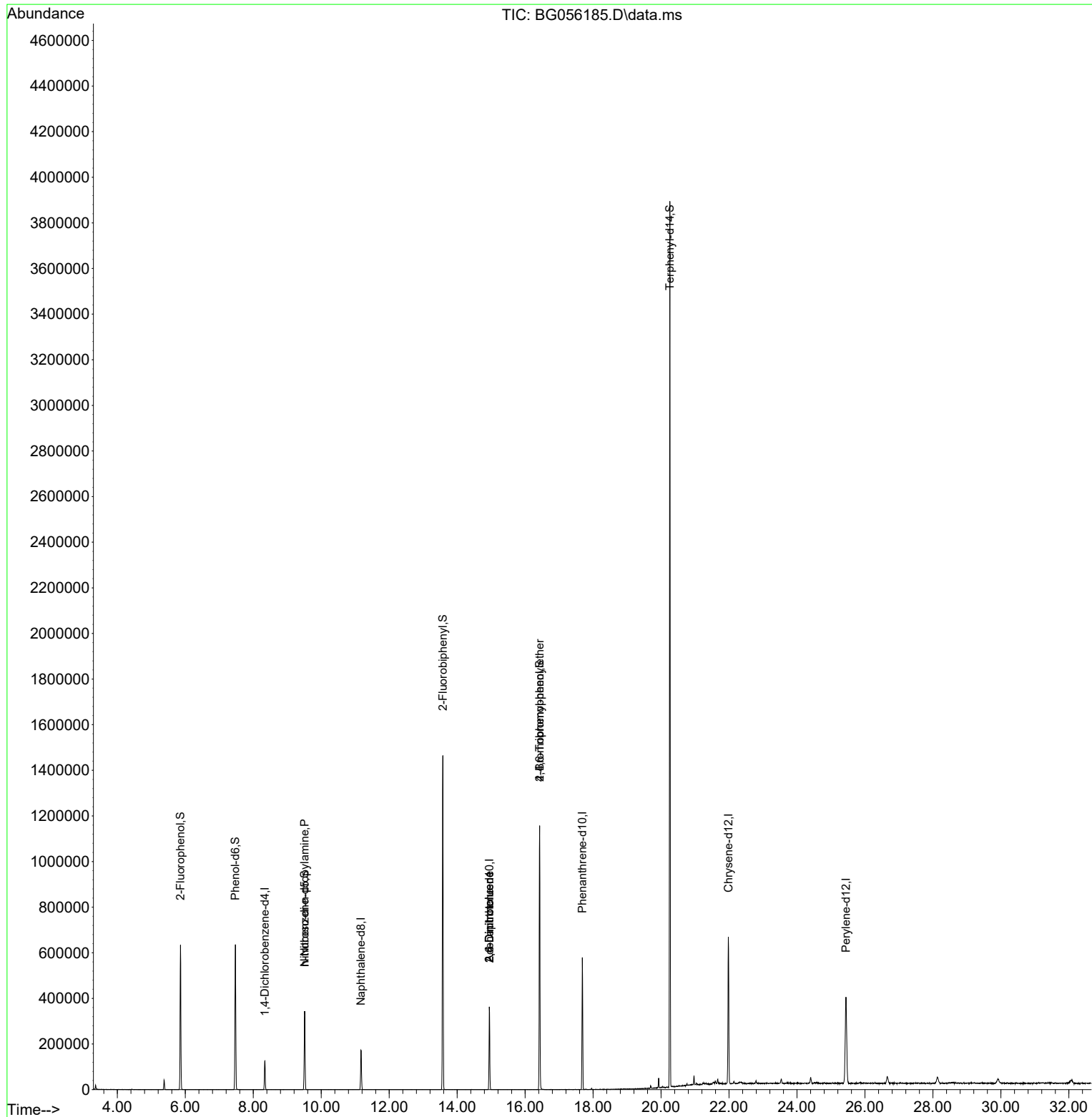
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	42372	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	162358	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	144621	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	403463	20.000	ng	0.00
76) Chrysene-d12	21.978	240	451248	20.000	ng	# 0.00
86) Perylene-d12	25.439	264	444377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	344600	145.210	ng	0.00
7) Phenol-d6	7.472	99	488910	134.152	ng	0.00
23) Nitrobenzene-d5	9.510	82	249038	78.460	ng	0.00
42) 2,4,6-Tribromophenol	16.426	330	241569	131.889	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	836281	79.851	ng	0.00
79) Terphenyl-d14	20.257	244	2076894	82.434	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.510	70	30834	13.913	ng	# 74
51) 2,6-Dinitrotoluene	14.945	165	18965	7.624	ng	# 33
57) 2,4-Dinitrotoluene	14.945	165	18965	5.451	ng	# 30
67) 4-Bromophenyl-phenylether	16.426	248	19478	3.791	ng	# 1

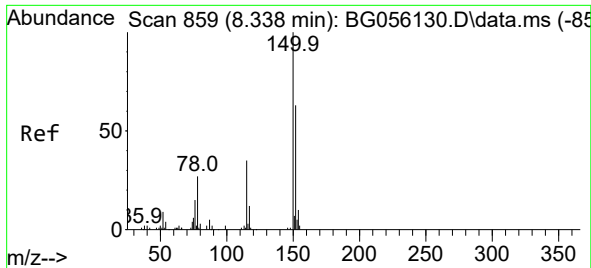
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 04 02:08:15 2023
Response via : Initial Calibration

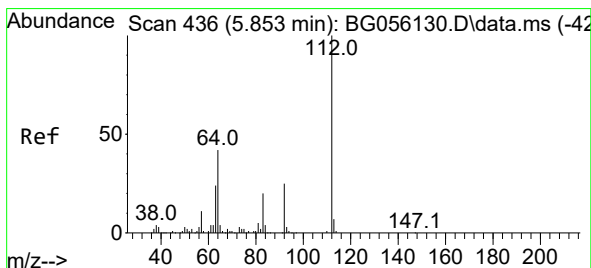
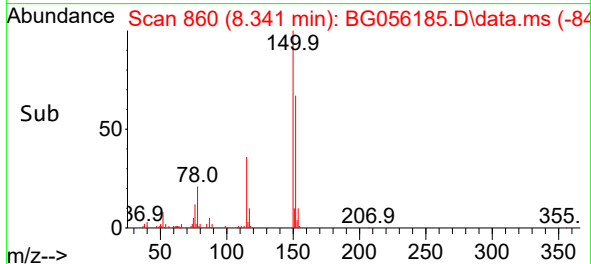
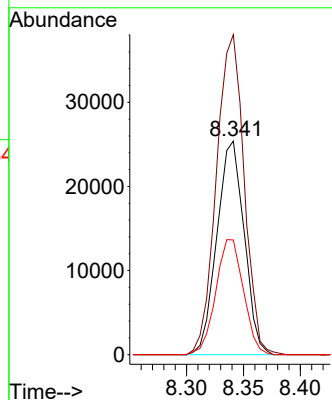
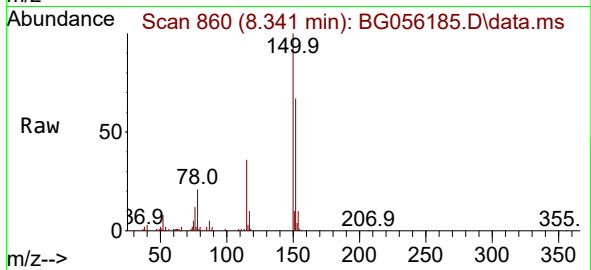




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.341 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056185.D
Acq: 3 Jan 2023 14:10

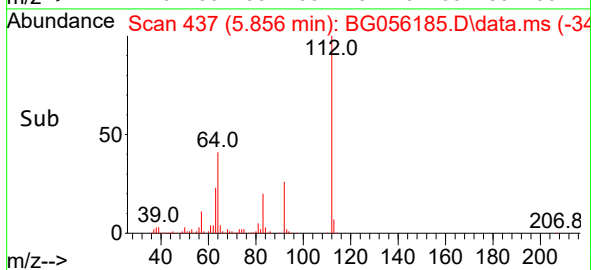
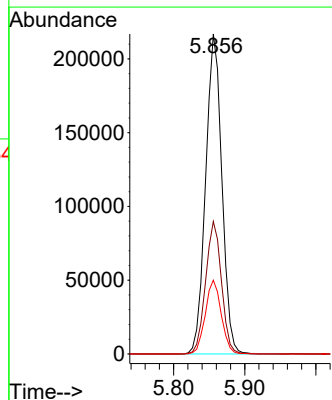
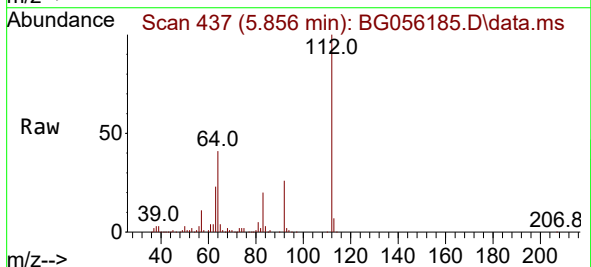
Instrument :
BNA_G
ClientSampleId :
PB150009BL

Tgt Ion:152 Resp: 42372
Ion Ratio Lower Upper
152 100
150 149.9 127.9 191.9
115 53.8 44.2 66.2



#5
2-Fluorophenol
Concen: 145.210 ng
RT: 5.856 min Scan# 437
Delta R.T. 0.009 min
Lab File: BG056185.D
Acq: 3 Jan 2023 14:10

Tgt Ion:112 Resp: 344600
Ion Ratio Lower Upper
112 100
64 41.4 33.3 49.9
63 23.1 19.0 28.4

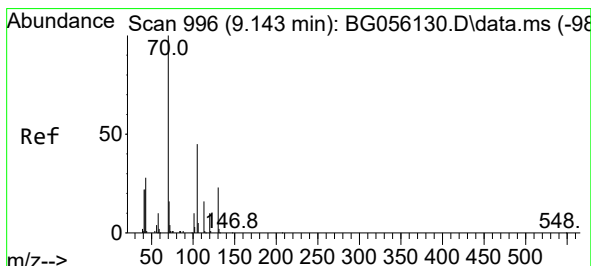
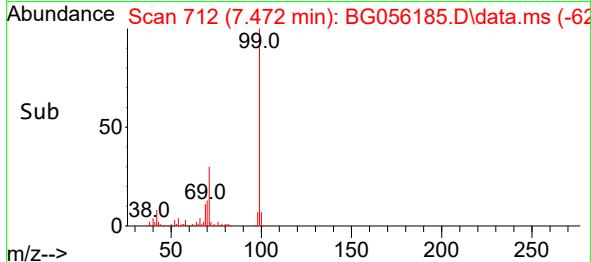
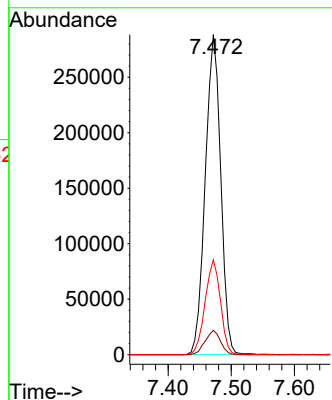
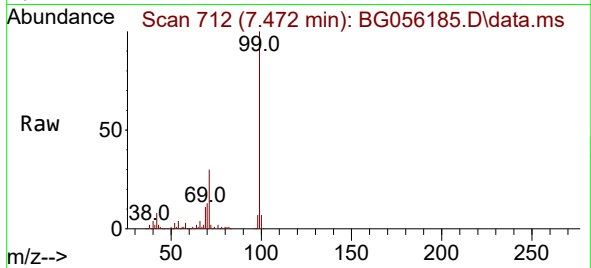




#7
Phenol-d6
Concen: 134.152 ng
RT: 7.472 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG056185.D
Acq: 3 Jan 2023 14:10

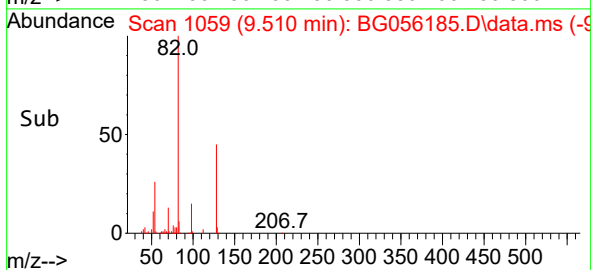
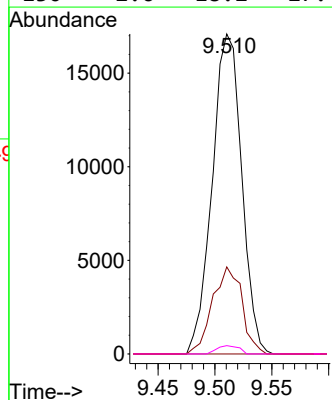
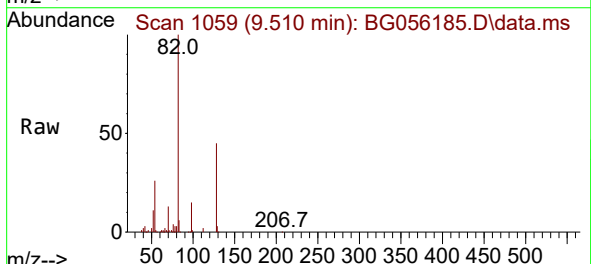
Instrument :
BNA_G
ClientSampleId :
PB150009BL

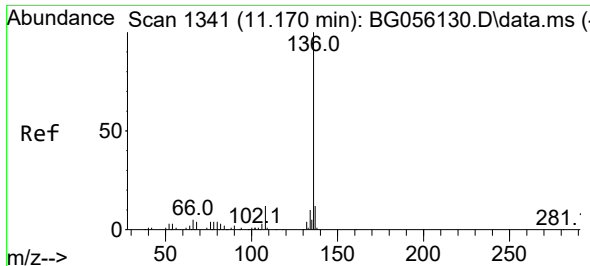
Tgt Ion: 99 Resp: 488910
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 29.6 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.913 ng
RT: 9.510 min Scan# 1059
Delta R.T. 0.373 min
Lab File: BG056185.D
Acq: 3 Jan 2023 14:10

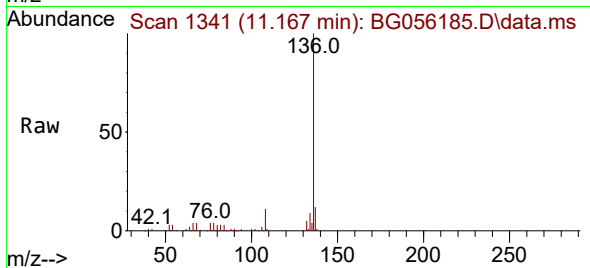
Tgt Ion: 70 Resp: 30834
Ion Ratio Lower Upper
70 100
42 27.2 18.2 27.2
101 0.0 8.3 12.5#
130 2.6 18.2 27.4#





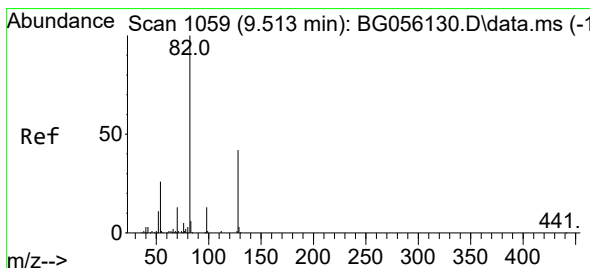
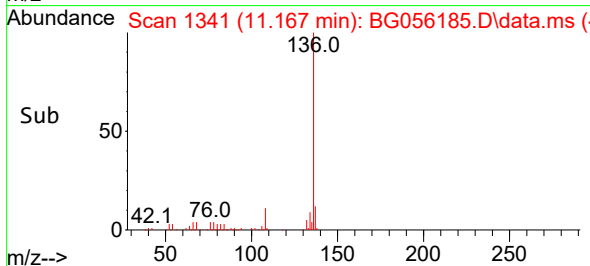
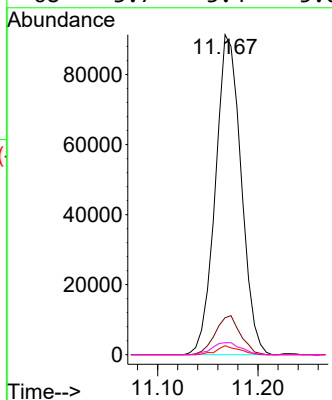
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056185.D
Acq: 3 Jan 2023 14:10

Instrument :
BNA_G
ClientSampleId :
PB150009BL



Tgt Ion:136 Resp: 162358

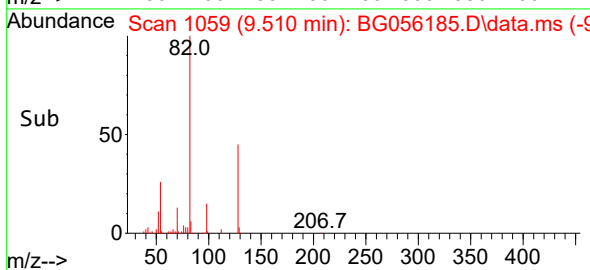
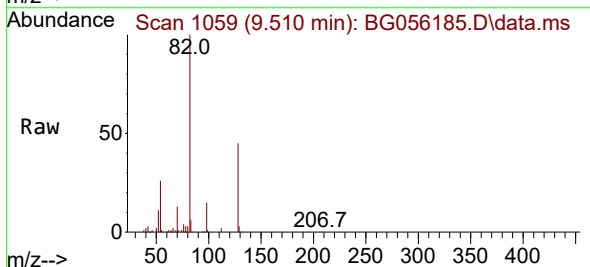
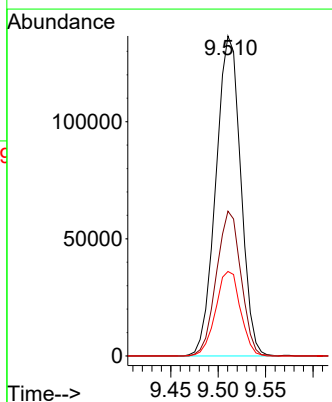
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	2.8	2.2	3.2
68	3.7	3.4	5.0

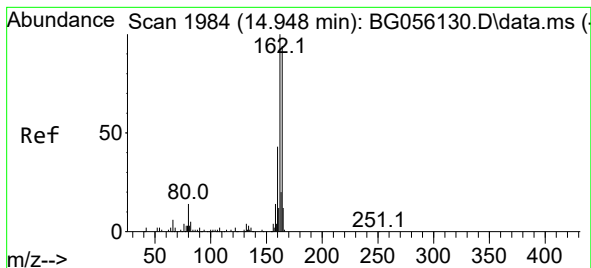


#23
Nitrobenzene-d5
Concen: 78.460 ng
RT: 9.510 min Scan# 1059
Delta R.T. 0.003 min
Lab File: BG056185.D
Acq: 3 Jan 2023 14:10

Tgt Ion: 82 Resp: 249038

Ion	Ratio	Lower	Upper
82	100		
128	45.2	33.4	50.2
54	26.4	20.3	30.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.945 min Scan# 1984

Delta R.T. -0.003 min

Lab File: BG056185.D

Acq: 3 Jan 2023 14:10

Instrument :

BNA_G

ClientSampleId :

PB150009BL

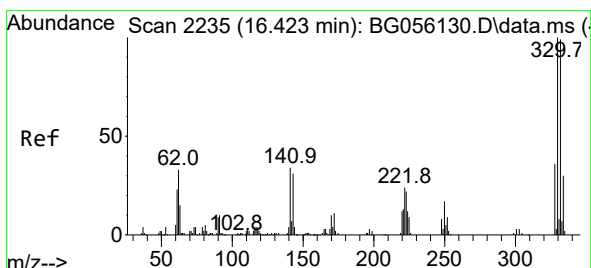
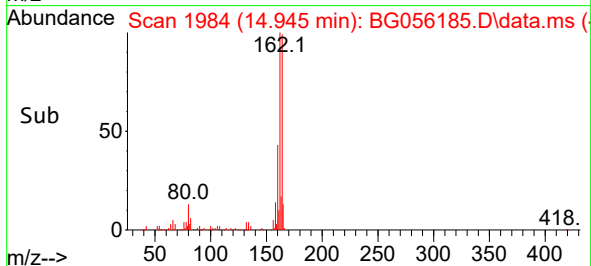
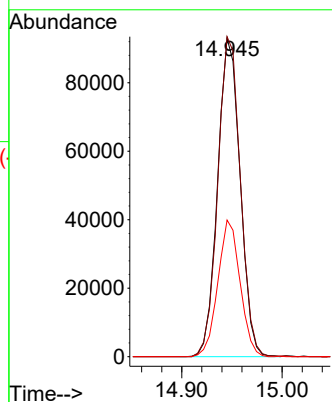
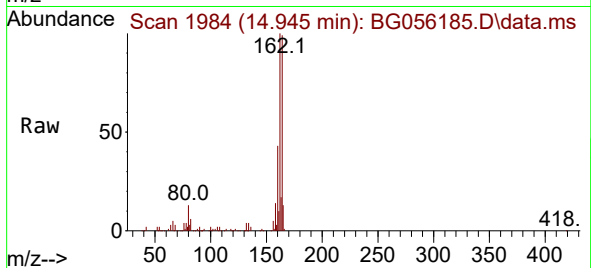
Tgt Ion:164 Resp: 144621

Ion Ratio Lower Upper

164 100

162 100.5 84.7 127.1

160 42.9 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 131.889 ng

RT: 16.426 min Scan# 2236

Delta R.T. -0.003 min

Lab File: BG056185.D

Acq: 3 Jan 2023 14:10

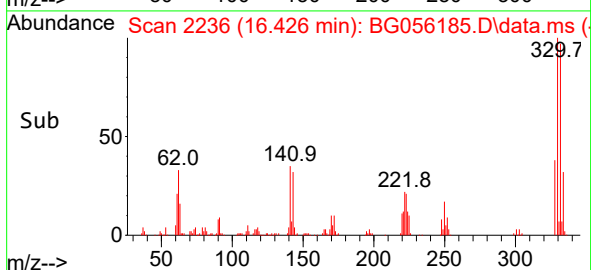
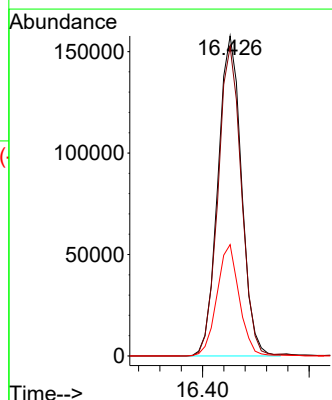
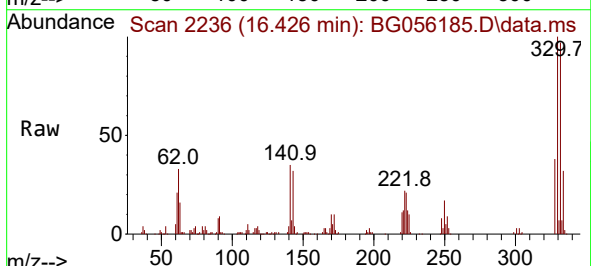
Tgt Ion:330 Resp: 241569

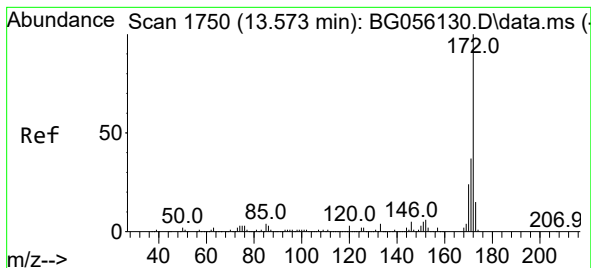
Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 33.1 27.9 41.9

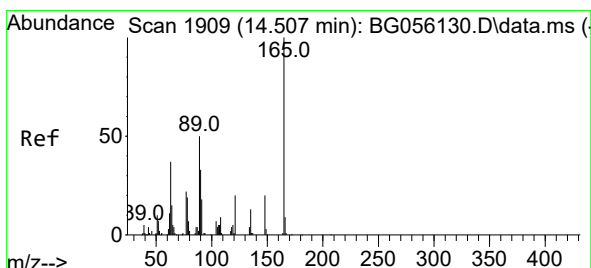
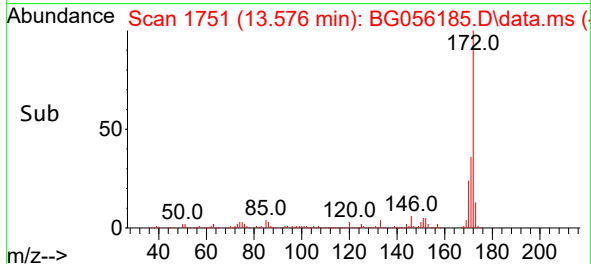
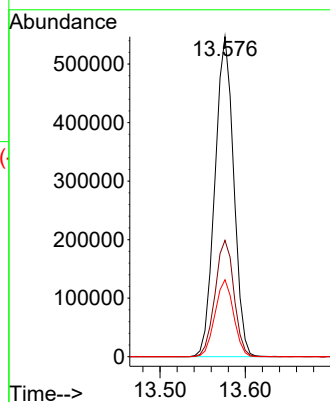
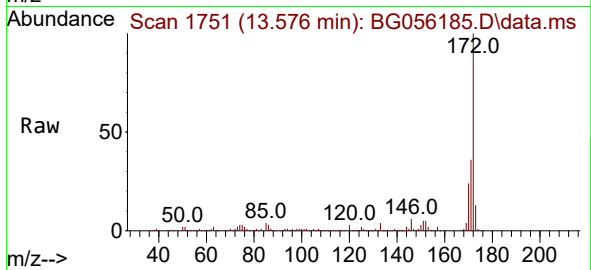




#45
2-Fluorobiphenyl
Concen: 79.851 ng
RT: 13.576 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BG056185.D
Acq: 3 Jan 2023 14:10

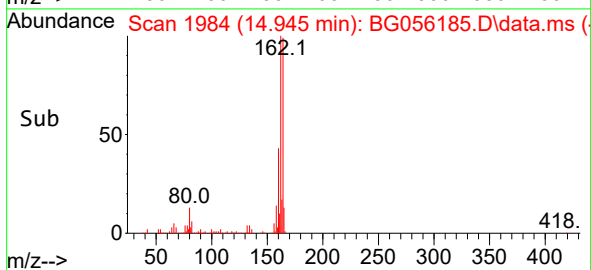
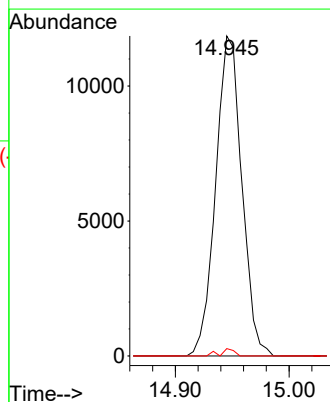
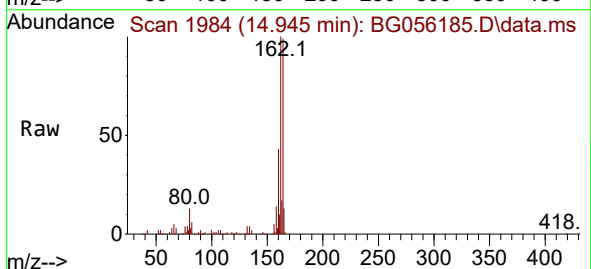
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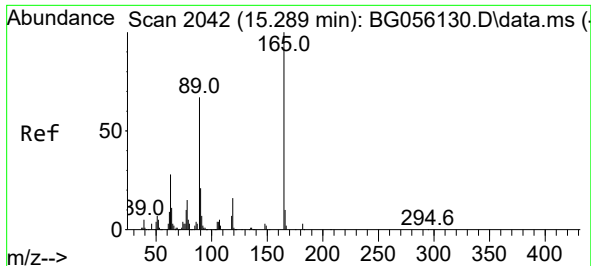
Tgt Ion:172 Resp: 836281
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.1 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.624 ng
RT: 14.945 min Scan# 1984
Delta R.T. 0.432 min
Lab File: BG056185.D
Acq: 3 Jan 2023 14:10

Tgt Ion:165 Resp: 18965
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.3 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.451 ng

RT: 14.945 min Scan# 1984

Delta R.T. -0.350 min

Lab File: BG056185.D

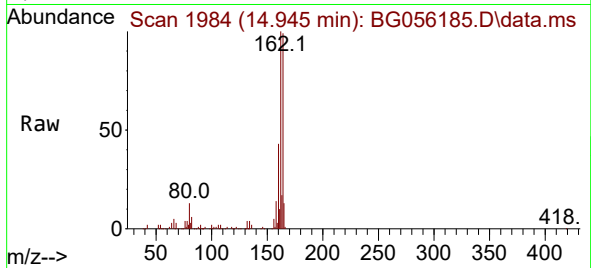
Acq: 3 Jan 2023 14:10

Instrument :

BNA_G

ClientSampleId :

PB150009BL



Tgt Ion:165 Resp: 18965

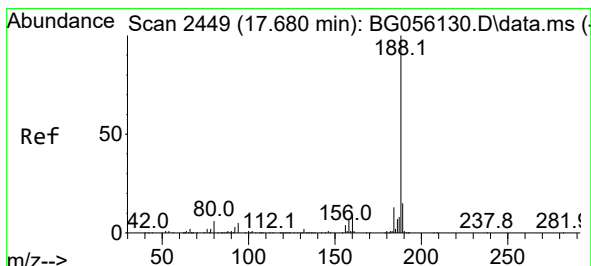
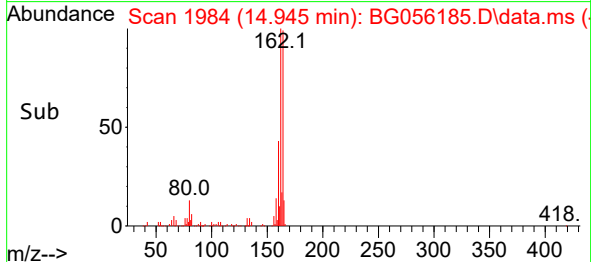
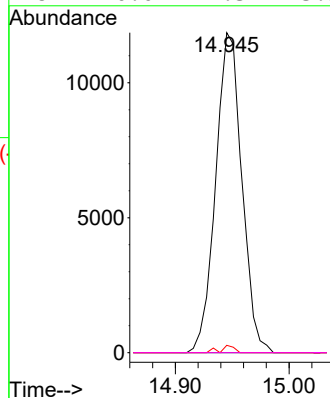
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 2.3 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.683 min Scan# 2450

Delta R.T. -0.003 min

Lab File: BG056185.D

Acq: 3 Jan 2023 14:10

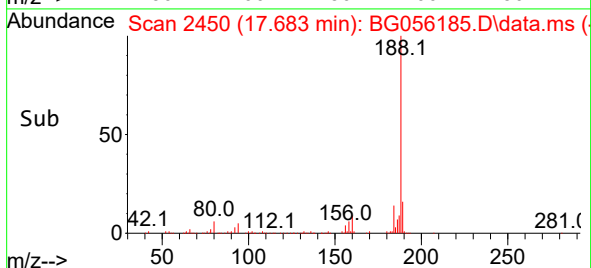
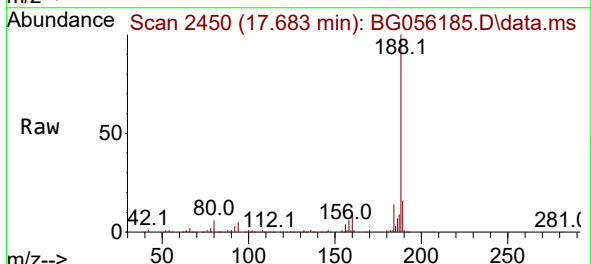
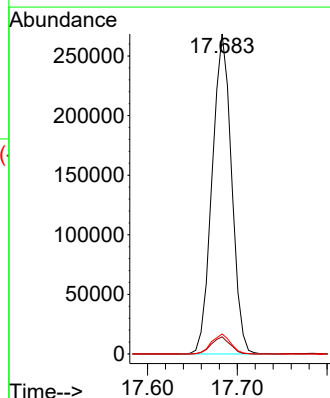
Tgt Ion:188 Resp: 403463

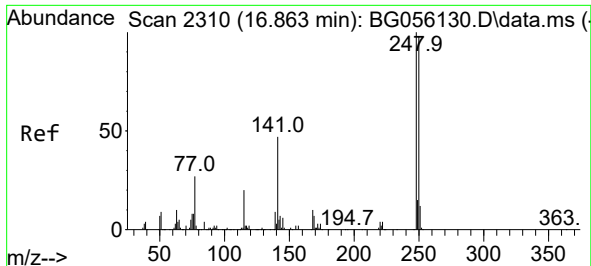
Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.2

80 6.3 5.0 7.4

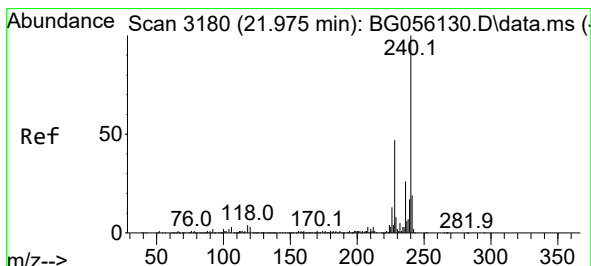
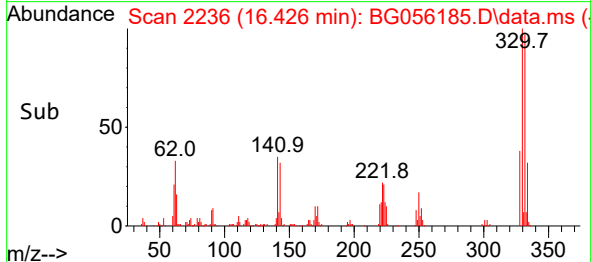
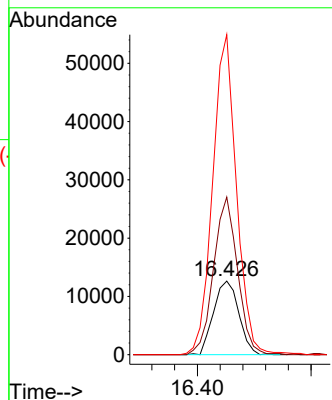
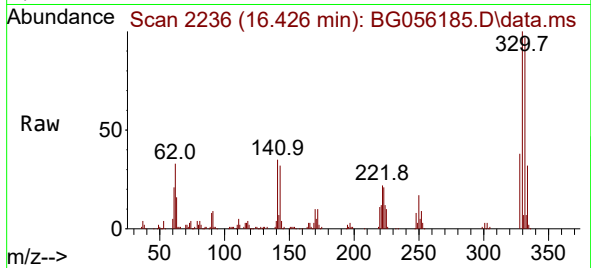




#67
4-Bromophenyl-phenylether
Concen: 3.791 ng
RT: 16.426 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG056185.D
Acq: 3 Jan 2023 14:10

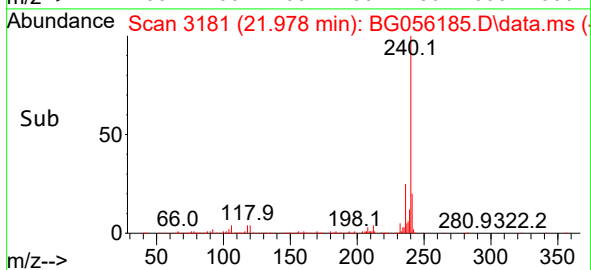
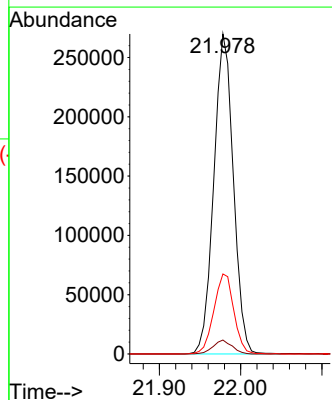
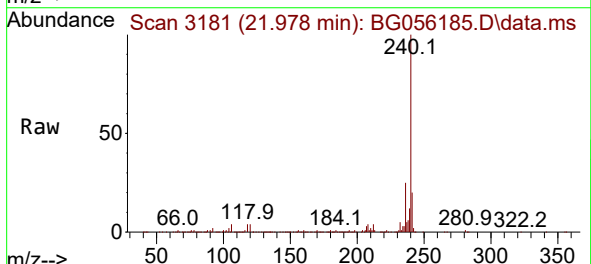
Instrument :
BNA_G
ClientSampleId :
PB150009BL

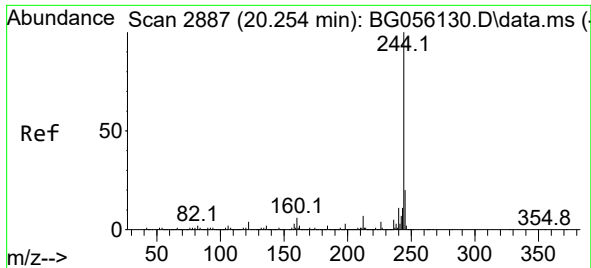
Tgt Ion:248 Resp: 19478
Ion Ratio Lower Upper
248 100
250 213.9 78.2 117.4#
141 434.6 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.978 min Scan# 3181
Delta R.T. -0.009 min
Lab File: BG056185.D
Acq: 3 Jan 2023 14:10

Tgt Ion:240 Resp: 451248
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 25.0 20.8 31.2

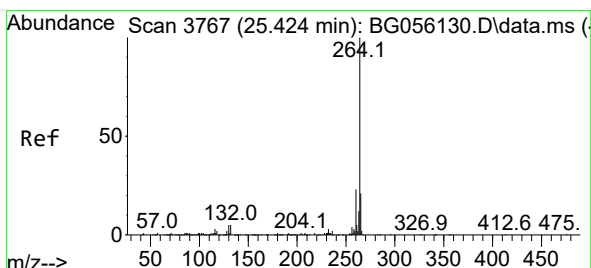
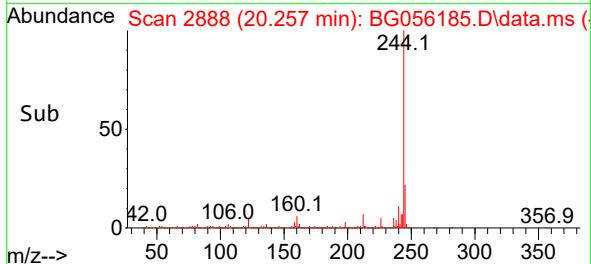
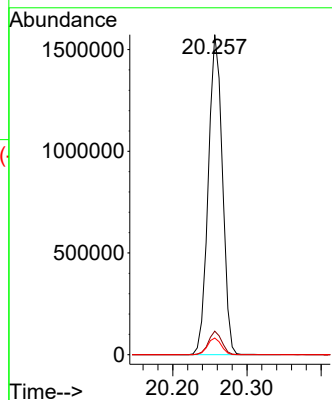
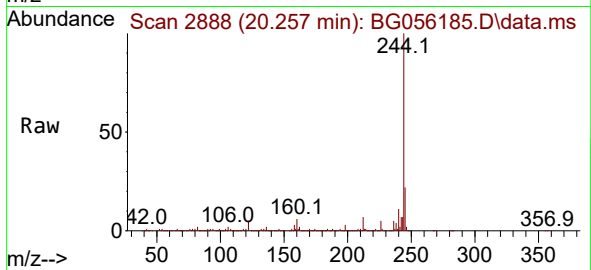




#79
 Terphenyl-d14
 Concen: 82.434 ng
 RT: 20.257 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056185.D
 Acq: 3 Jan 2023 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB150009BL

Tgt Ion:244 Resp: 2076894
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 5.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.439 min Scan# 3770
 Delta R.T. -0.009 min
 Lab File: BG056185.D
 Acq: 3 Jan 2023 14:10

Tgt Ion:264 Resp: 444377
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.6 28.0
 265 22.0 16.7 25.1

