

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
 Data File : BG056191.D
 Acq On : 3 Jan 2023 18:22
 Operator : CG/JU
 Sample : N6239-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1S

Quant Time: Jan 04 02:15:13 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)

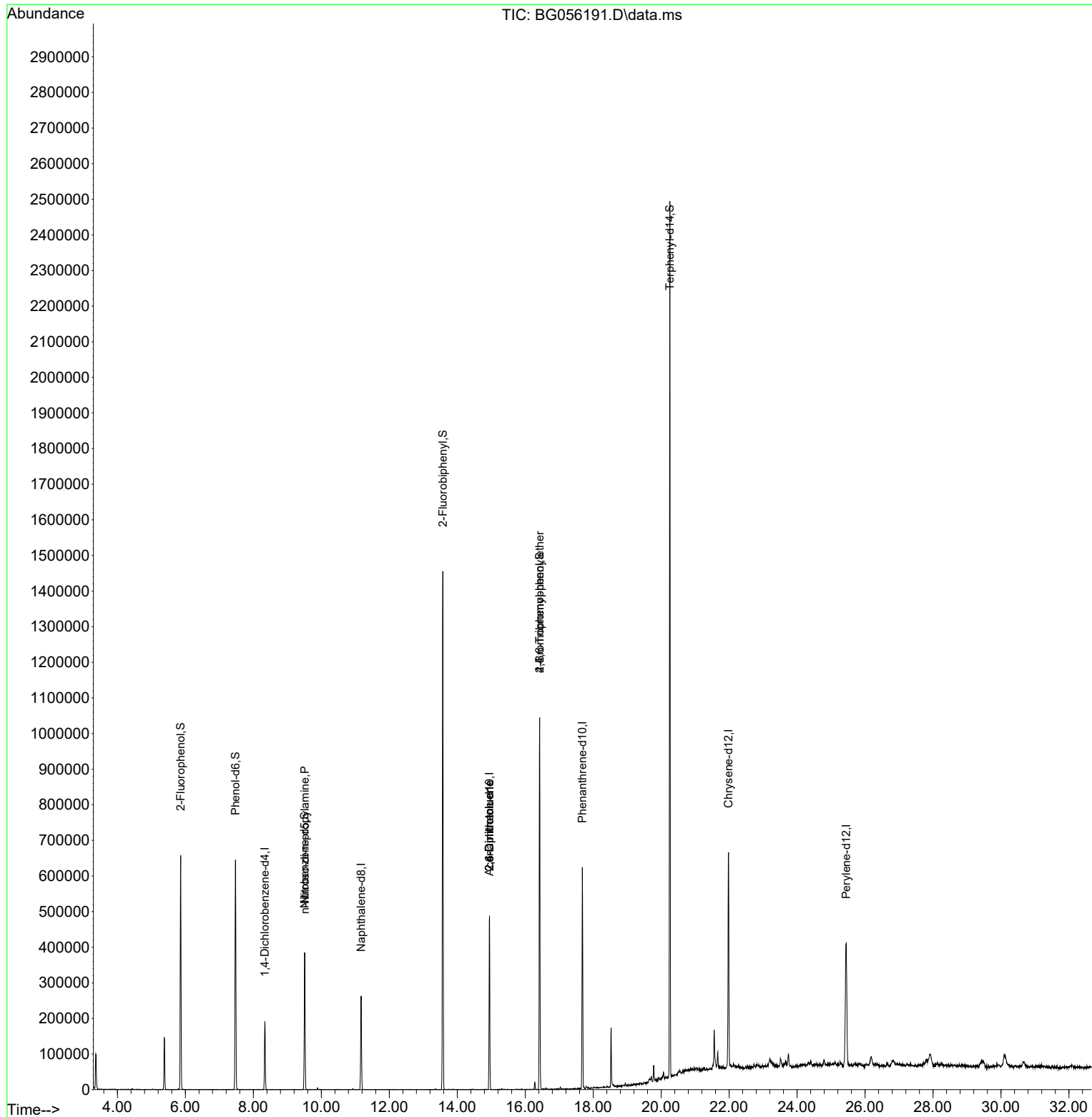
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	62642	20.000	ng	0.00
21) Naphthalene-d8	11.173	136	240241	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	185726	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	438150	20.000	ng	0.00
76) Chrysene-d12	21.984	240	413123	20.000	ng	0.00
86) Perylene-d12	25.444	264	444302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.861	112	365819	104.270	ng	0.01
7) Phenol-d6	7.477	99	515532	95.684	ng	0.00
23) Nitrobenzene-d5	9.510	82	272363	57.991	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	209605	89.111	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	820276	60.989	ng	0.00
79) Terphenyl-d14	20.256	244	1359684	58.948	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.516	70	34637	10.572	ng	Qvalue # 77
51) 2,6-Dinitrotoluene	14.951	165	24221	7.582	ng	# 32
57) 2,4-Dinitrotoluene	14.951	165	24221	5.421	ng	# 29
67) 4-Bromophenyl-phenylether	16.425	248	18270	3.275	ng	# 1

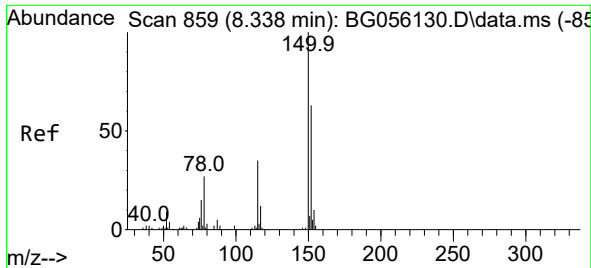
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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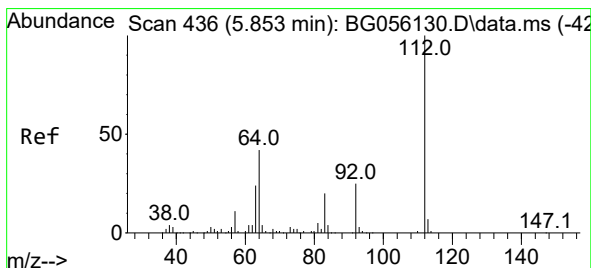
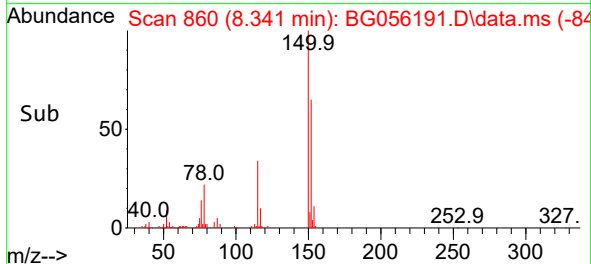
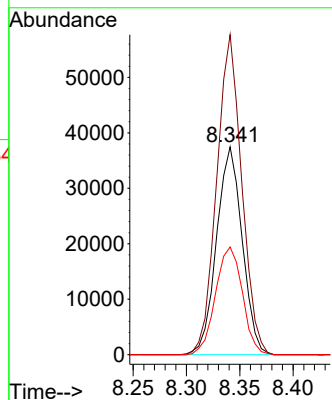
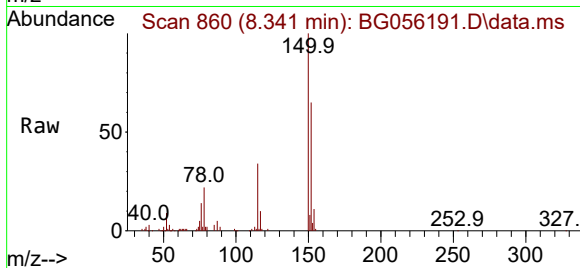




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.341 min Scan# 8
Delta R.T. 0.003 min
Lab File: BG056191.D
Acq: 3 Jan 2023 18:22

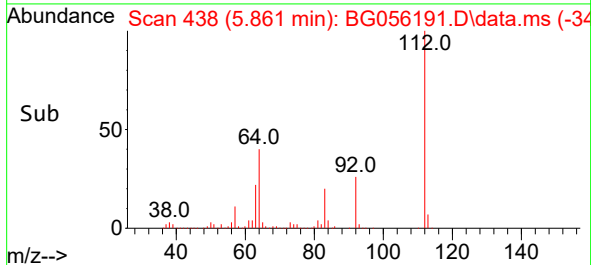
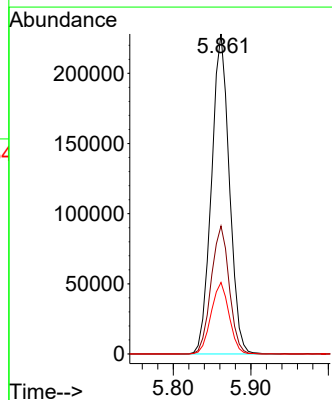
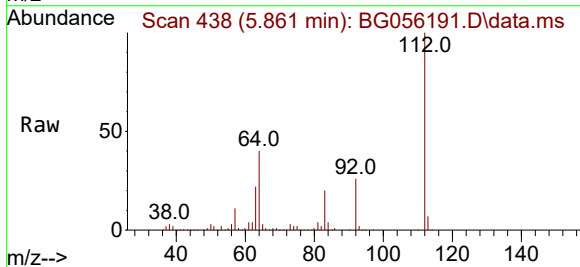
Instrument :
BNA_G
ClientSampleId :
TP-1S

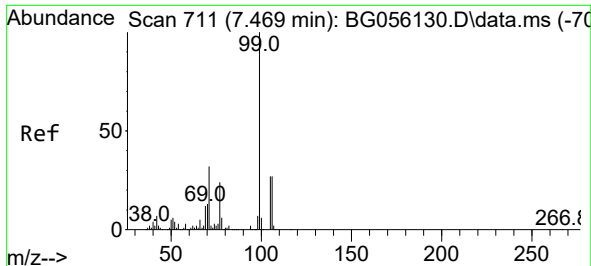
Tgt Ion:152 Resp: 62642
Ion Ratio Lower Upper
152 100
150 153.9 127.9 191.9
115 51.8 44.2 66.2



#5
2-Fluorophenol
Concen: 104.270 ng
RT: 5.861 min Scan# 438
Delta R.T. 0.014 min
Lab File: BG056191.D
Acq: 3 Jan 2023 18:22

Tgt Ion:112 Resp: 365819
Ion Ratio Lower Upper
112 100
64 40.0 33.3 49.9
63 22.4 19.0 28.4

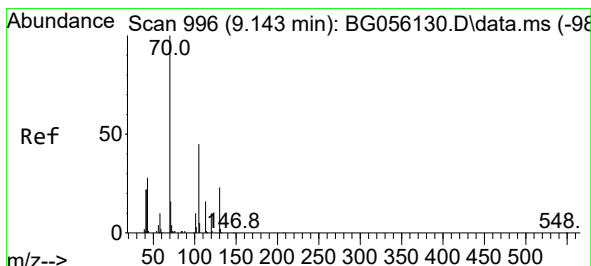
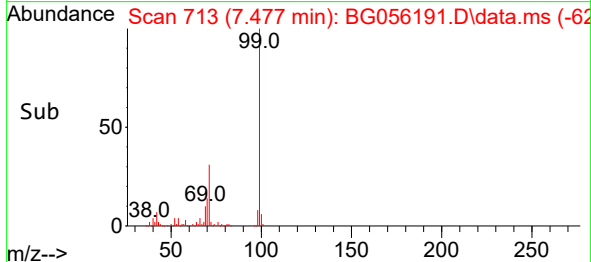
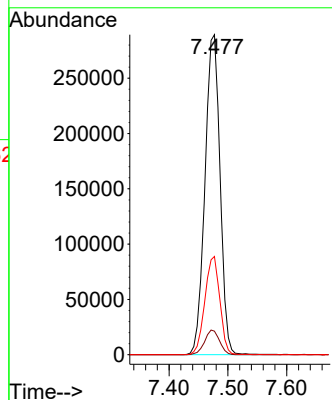
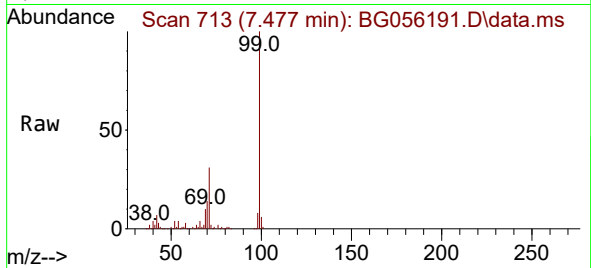




#7
Phenol-d6
Concen: 95.684 ng
RT: 7.477 min Scan# 711
Delta R.T. 0.009 min
Lab File: BG056191.D
Acq: 3 Jan 2023 18:22

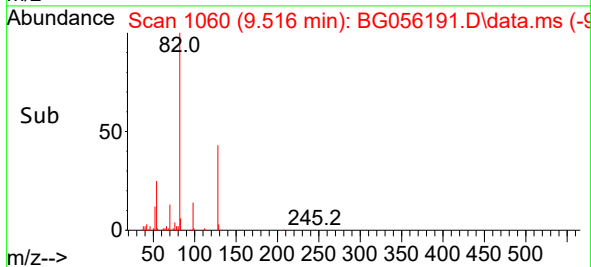
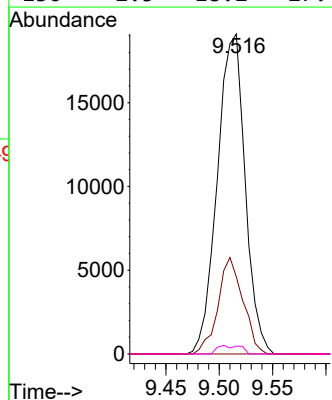
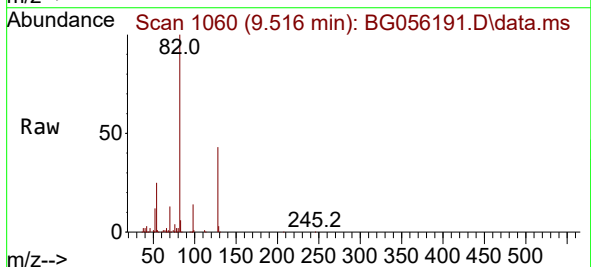
Instrument :
BNA_G
ClientSampleId :
TP-1S

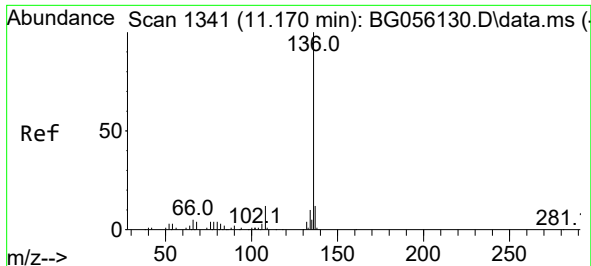
Tgt Ion: 99 Resp: 515532
Ion Ratio Lower Upper
99 100
42 7.4 5.9 8.9
71 30.7 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.572 ng
RT: 9.516 min Scan# 1060
Delta R.T. 0.379 min
Lab File: BG056191.D
Acq: 3 Jan 2023 18:22

Tgt Ion: 70 Resp: 34637
Ion Ratio Lower Upper
70 100
42 24.0 18.2 27.2
101 0.0 8.3 12.5#
130 2.5 18.2 27.4#

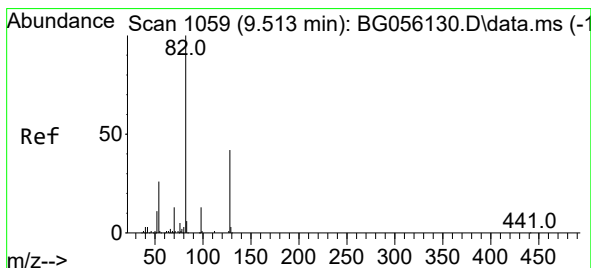
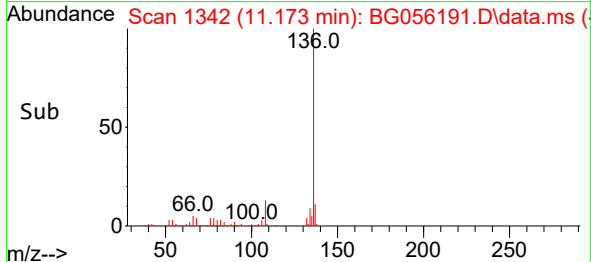
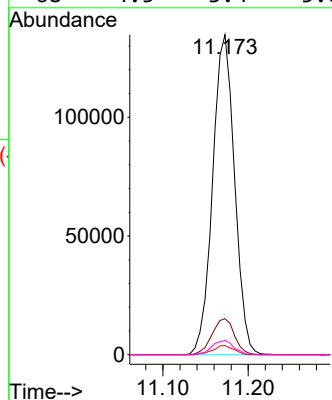
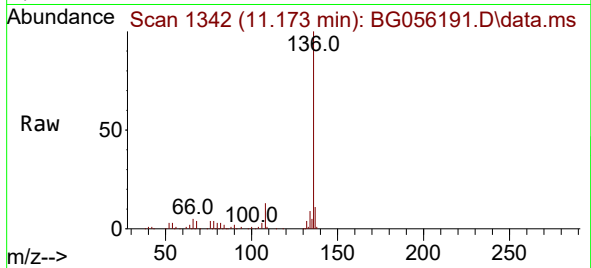




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.173 min Scan# 1341
Delta R.T. 0.003 min
Lab File: BG056191.D
Acq: 3 Jan 2023 18:22

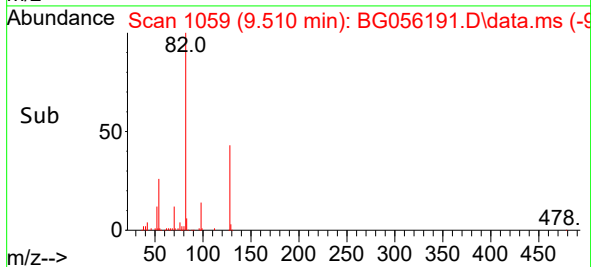
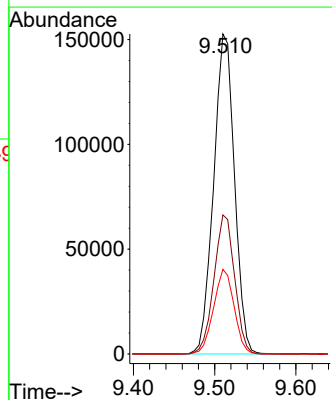
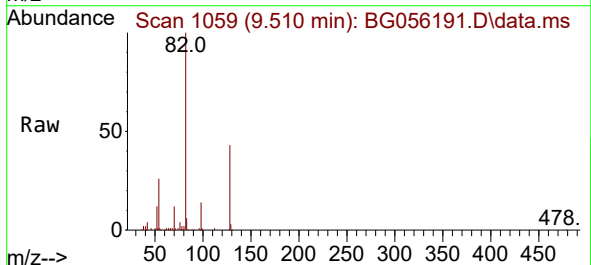
Instrument :
BNA_G
ClientSampleId :
TP-1S

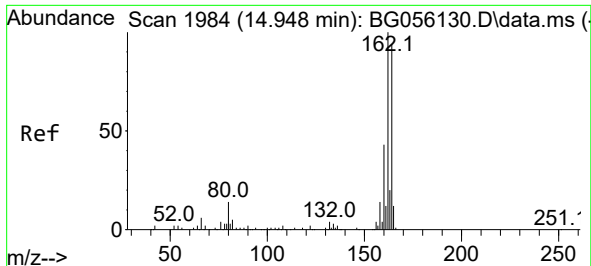
Tgt Ion:136 Resp: 240241
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.9 2.2 3.2
68 4.5 3.4 5.0



#23
Nitrobenzene-d5
Concen: 57.991 ng
RT: 9.510 min Scan# 1059
Delta R.T. 0.003 min
Lab File: BG056191.D
Acq: 3 Jan 2023 18:22

Tgt Ion: 82 Resp: 272363
Ion Ratio Lower Upper
82 100
128 43.5 33.4 50.2
54 26.5 20.3 30.5

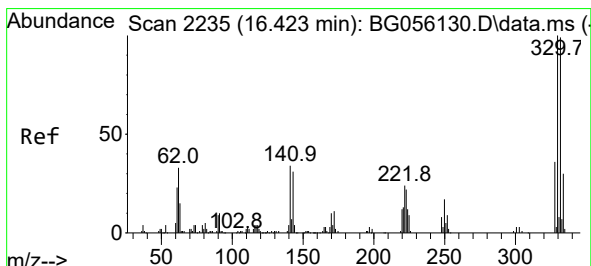
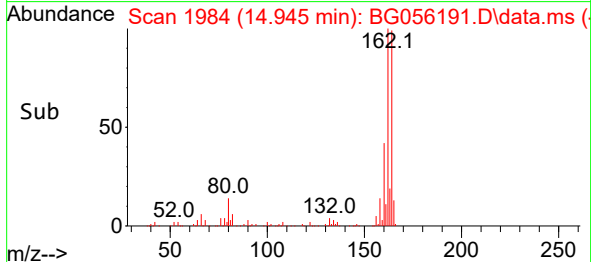
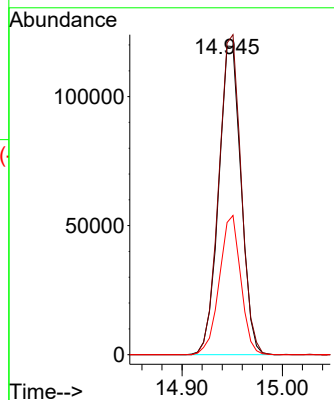
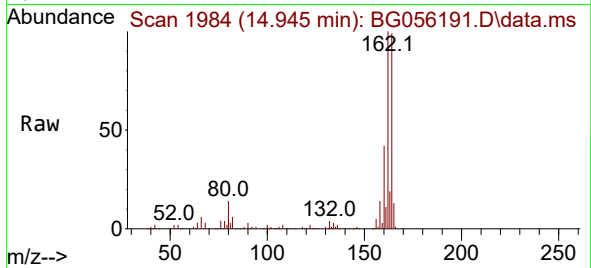




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056191.D
Acq: 3 Jan 2023 18:22

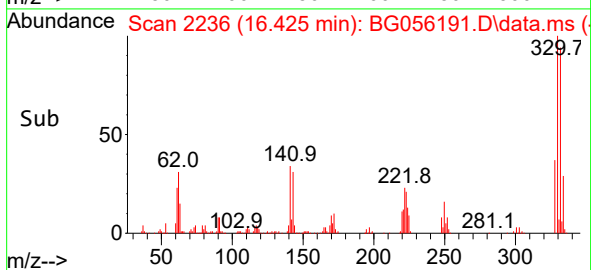
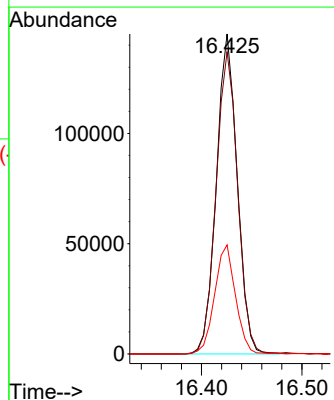
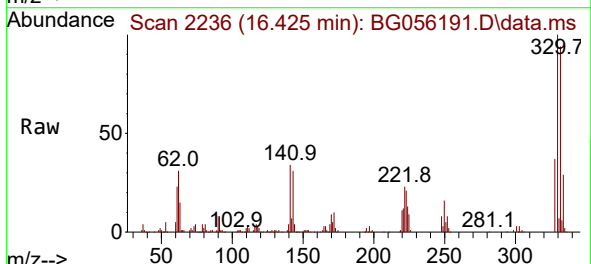
Instrument :
BNA_G
ClientSampleId :
TP-1S

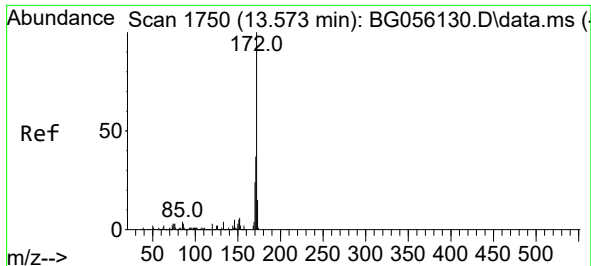
Tgt Ion:164 Resp: 185726
Ion Ratio Lower Upper
164 100
162 101.0 84.7 127.1
160 42.8 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 89.111 ng
RT: 16.425 min Scan# 2236
Delta R.T. -0.003 min
Lab File: BG056191.D
Acq: 3 Jan 2023 18:22

Tgt Ion:330 Resp: 209605
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 34.2 27.9 41.9

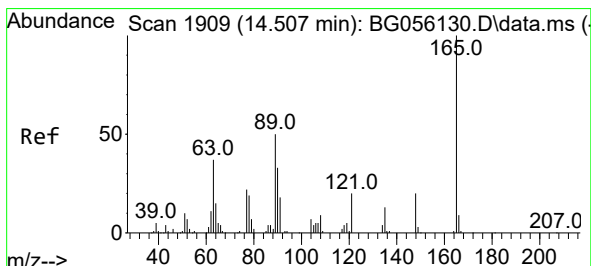
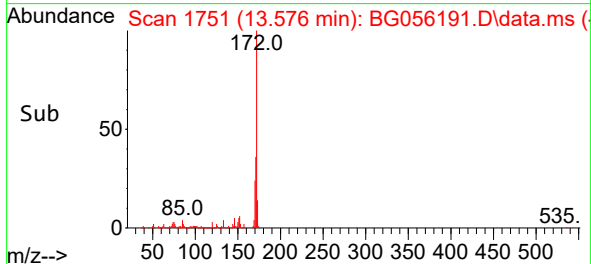
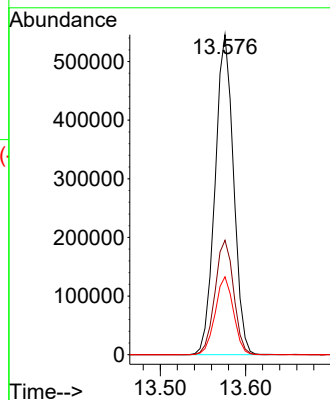
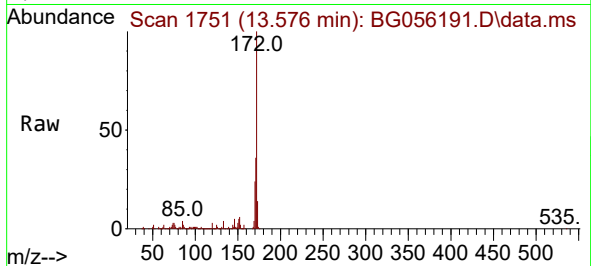




#45
2-Fluorobiphenyl
Concen: 60.989 ng
RT: 13.576 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056191.D
Acq: 3 Jan 2023 18:22

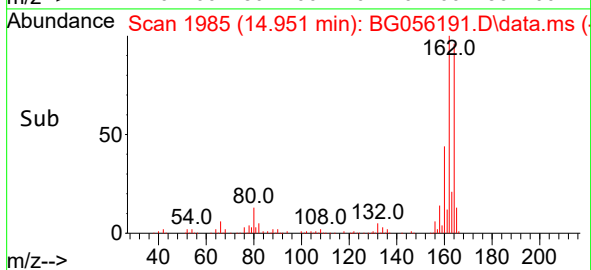
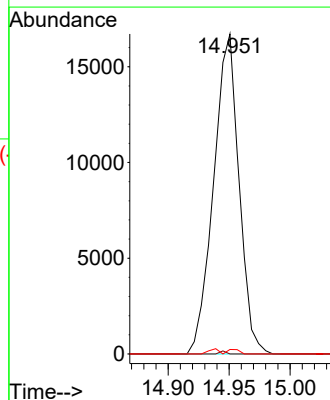
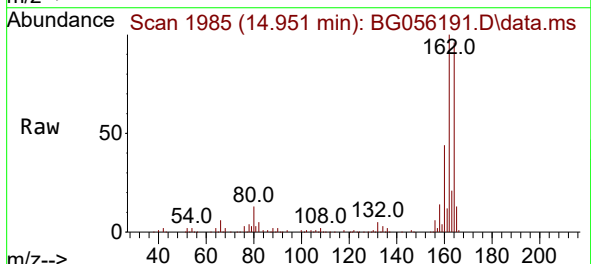
Instrument :
BNA_G
ClientSampleId :
TP-1S

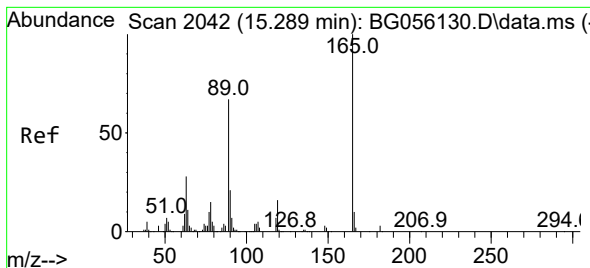
Tgt Ion:172 Resp: 820276
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.3 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.582 ng
RT: 14.951 min Scan# 1985
Delta R.T. 0.437 min
Lab File: BG056191.D
Acq: 3 Jan 2023 18:22

Tgt Ion:165 Resp: 24221
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: 5.421 ng

RT: 14.951 min Scan# 14

Delta R.T. -0.344 min

Lab File: BG056191.D

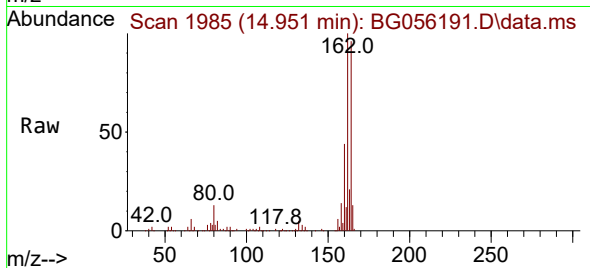
Acq: 3 Jan 2023 18:22

Instrument :

BNA_G

ClientSampleId :

TP-1S



Tgt Ion:165 Resp: 24221

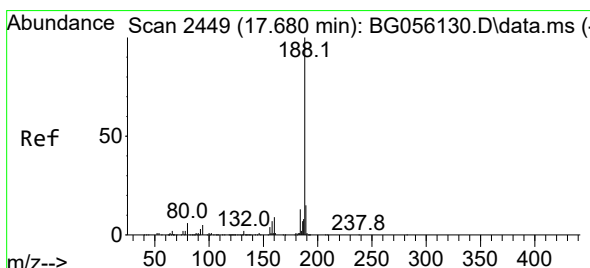
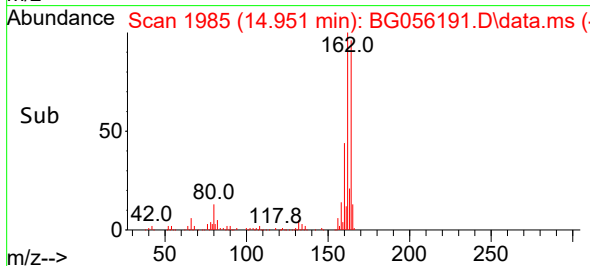
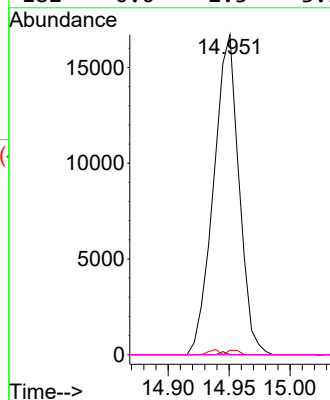
Ion Ratio Lower Upper

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: 17.683 min Scan# 2450

Delta R.T. -0.003 min

Lab File: BG056191.D

Acq: 3 Jan 2023 18:22

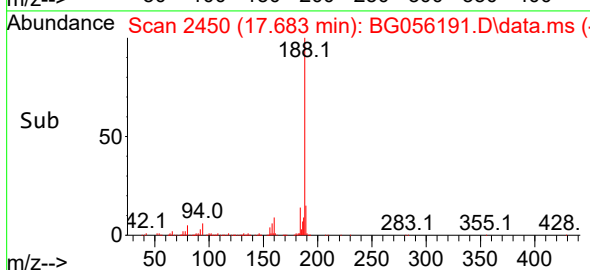
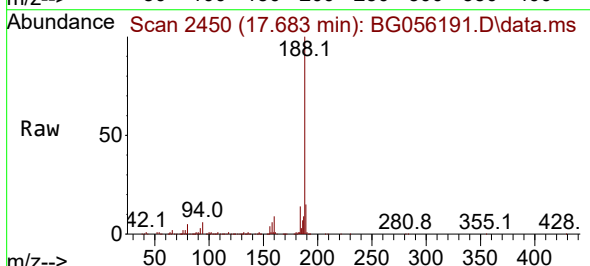
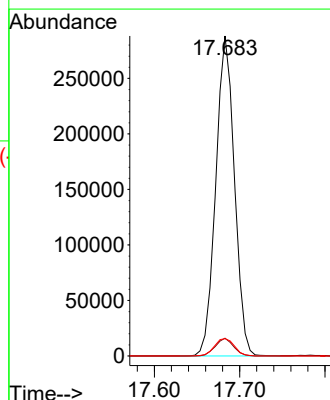
Tgt Ion:188 Resp: 438150

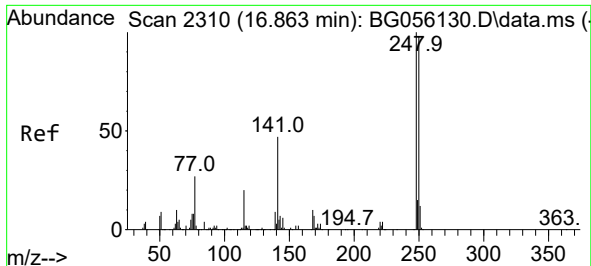
Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.2

80 5.4 5.0 7.4

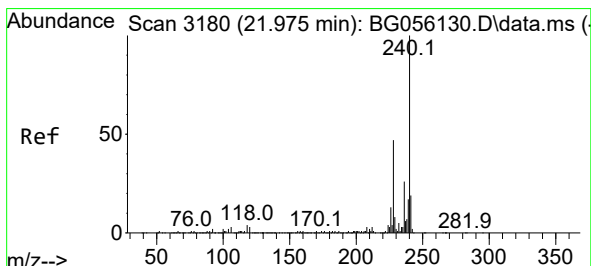
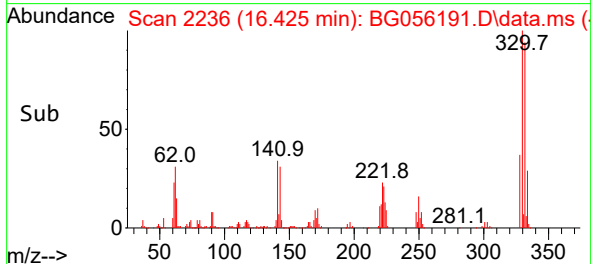
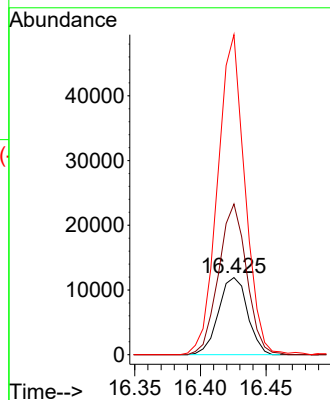
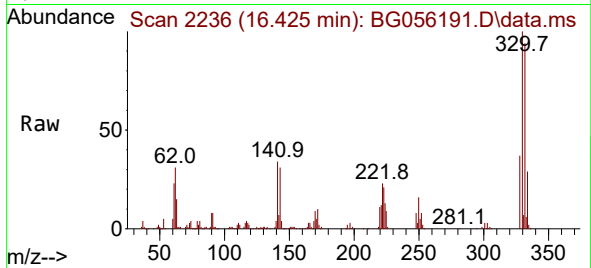




#67
4-Bromophenyl-phenylether
Concen: 3.275 ng
RT: 16.425 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG056191.D
Acq: 3 Jan 2023 18:22

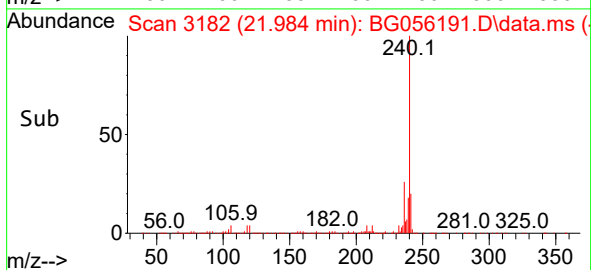
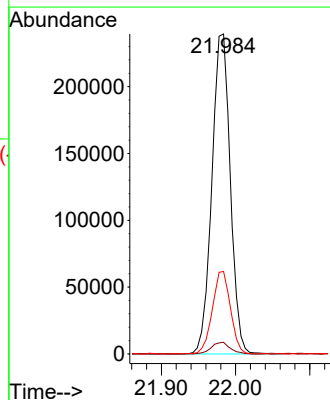
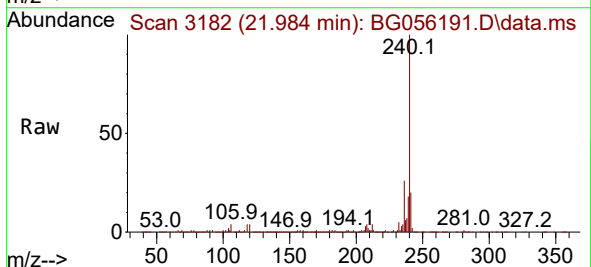
Instrument :
BNA_G
ClientSampleId :
TP-1S

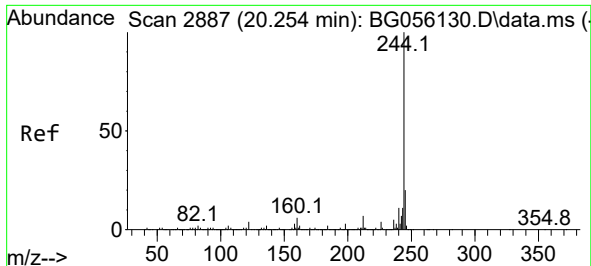
Tgt Ion:248 Resp: 18270
Ion Ratio Lower Upper
248 100
250 195.5 78.2 117.4#
141 415.3 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.984 min Scan# 3182
Delta R.T. -0.003 min
Lab File: BG056191.D
Acq: 3 Jan 2023 18:22

Tgt Ion:240 Resp: 413123
Ion Ratio Lower Upper
240 100
120 3.7 2.6 4.0
236 25.8 20.8 31.2

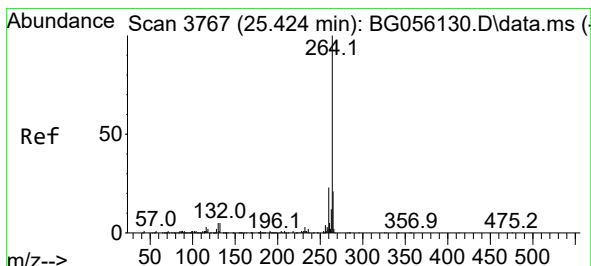
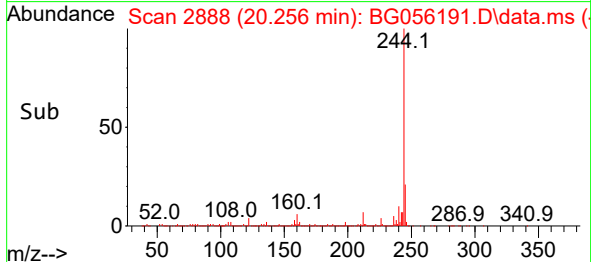
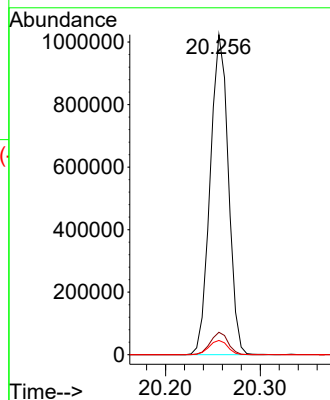
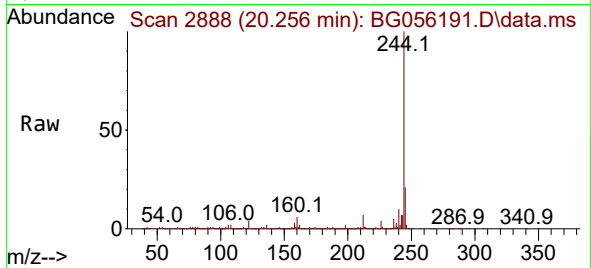




#79
 Terphenyl-d14
 Concen: 58.948 ng
 RT: 20.256 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056191.D
 Acq: 3 Jan 2023 18:22

Instrument :
 BNA_G
 ClientSampleId :
 TP-1S

Tgt Ion:244 Resp: 1359684
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 4.4 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.444 min Scan# 3771
 Delta R.T. -0.003 min
 Lab File: BG056191.D
 Acq: 3 Jan 2023 18:22

Tgt Ion:264 Resp: 444302
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.7 16.7 25.1

