

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
 Data File : BG056355.D
 Acq On : 19 Jan 2023 20:29
 Operator : CG/JU
 Sample : 01220-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-8

Quant Time: Jan 20 01:37:16 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)

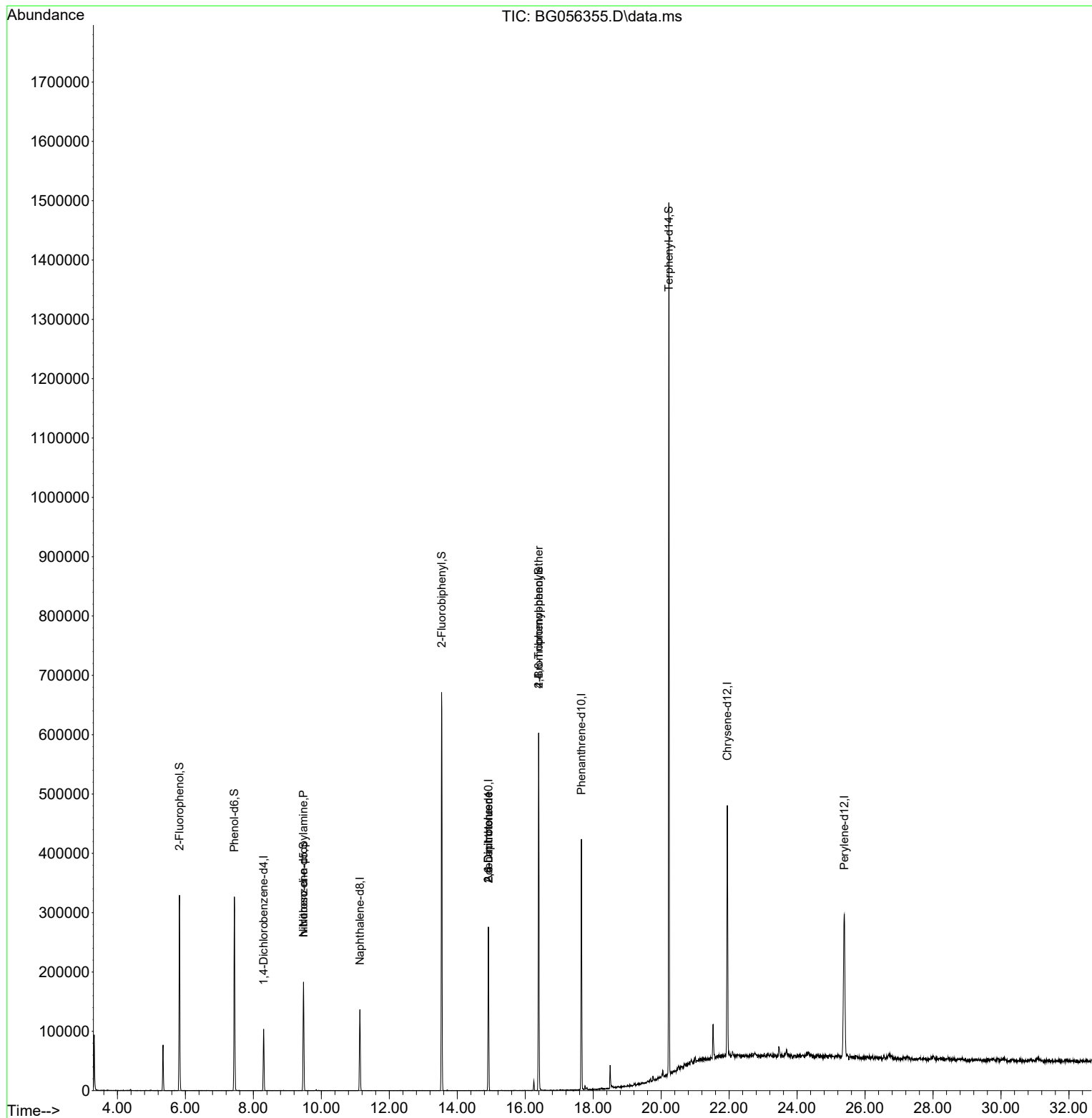
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	35561	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	129553	20.000	ng	0.00
39) Acenaphthene-d10	14.916	164	104551	20.000	ng	0.00
64) Phenanthrene-d10	17.654	188	288452	20.000	ng	0.00
76) Chrysene-d12	21.948	240	280243	20.000	ng	# 0.00
86) Perylene-d12	25.392	264	304782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	183036	91.901	ng	0.00
7) Phenol-d6	7.442	99	255219	83.442	ng	0.00
23) Nitrobenzene-d5	9.475	82	131302	51.842	ng	-0.01
42) 2,4,6-Tribromophenol	16.396	330	130852	98.822	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	394959	52.166	ng	0.00
79) Terphenyl-d14	20.227	244	830261	53.062	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.475	70	16498	8.870	ng	# 75
51) 2,6-Dinitrotoluene	14.916	165	13388	7.444	ng	# 31
57) 2,4-Dinitrotoluene	14.916	165	13388	5.323	ng	# 28
67) 4-Bromophenyl-phenylether	16.396	248	10504	2.860	ng	# 1

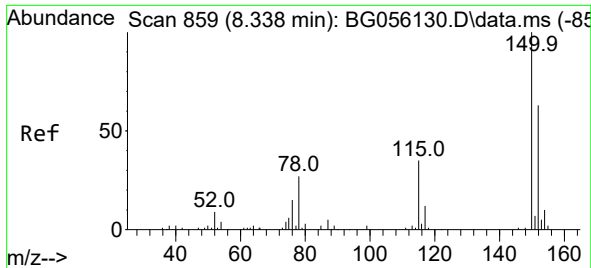
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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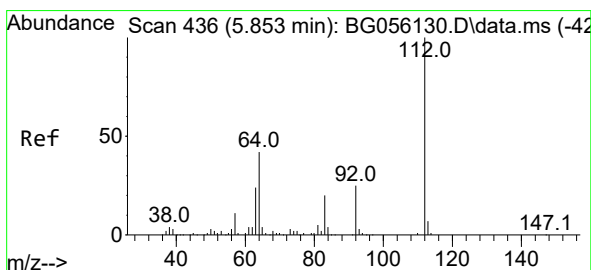
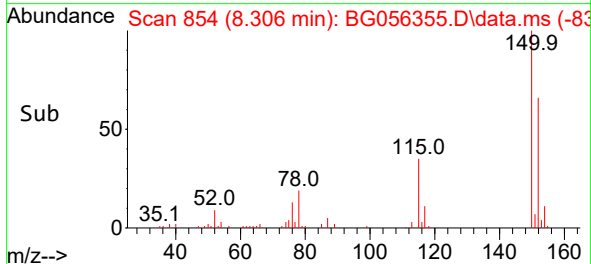
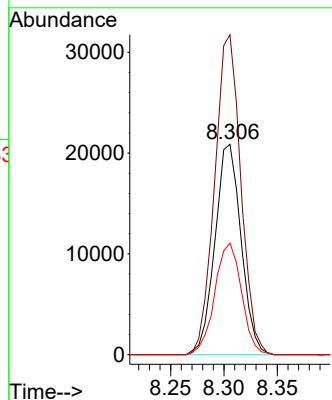
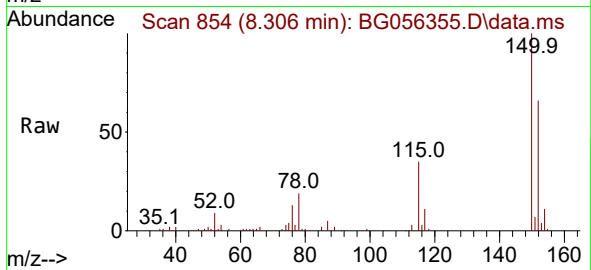




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

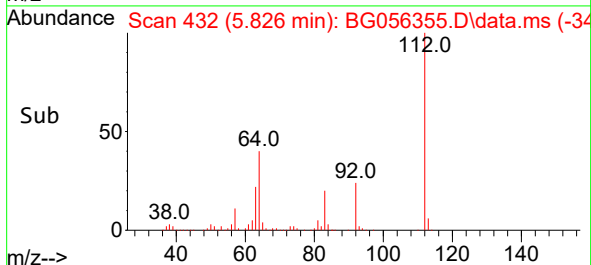
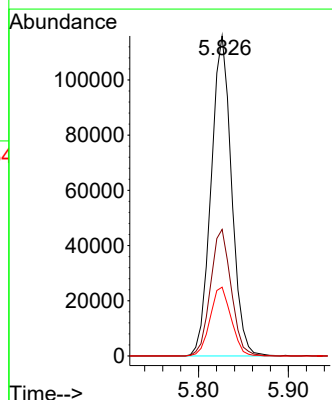
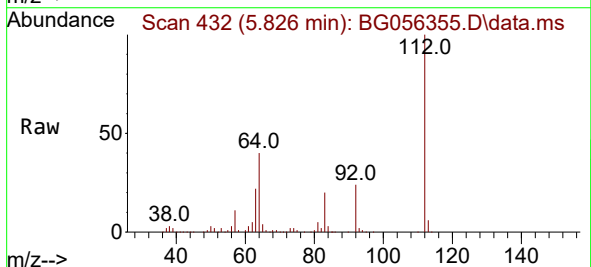
Instrument :
BNA_G
ClientSampleId :
MH-8

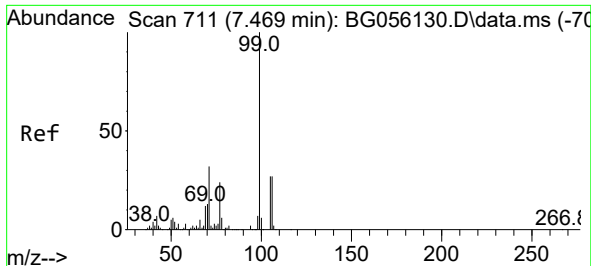
Tgt Ion:152 Resp: 35561
Ion Ratio Lower Upper
152 100
150 152.1 127.9 191.9
115 53.1 44.2 66.2



#5
2-Fluorophenol
Concen: 91.901 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.000 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

Tgt Ion:112 Resp: 183036
Ion Ratio Lower Upper
112 100
64 39.5 33.3 49.9
63 21.5 19.0 28.4

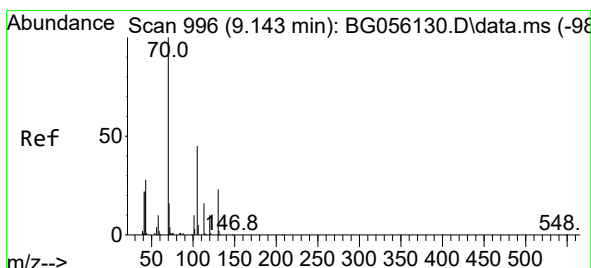
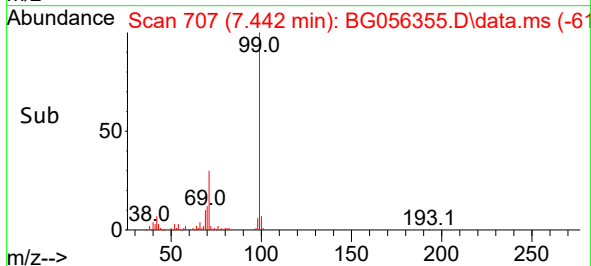
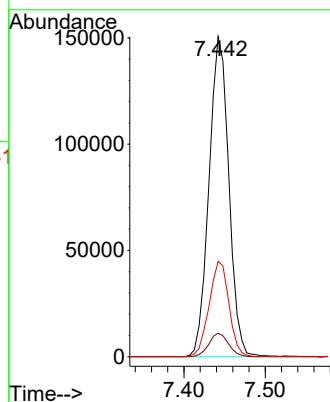
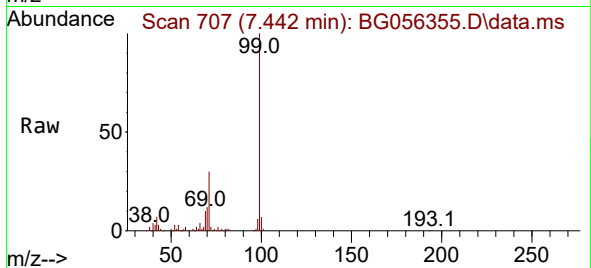




#7
Phenol-d6
Concen: 83.442 ng
RT: 7.442 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

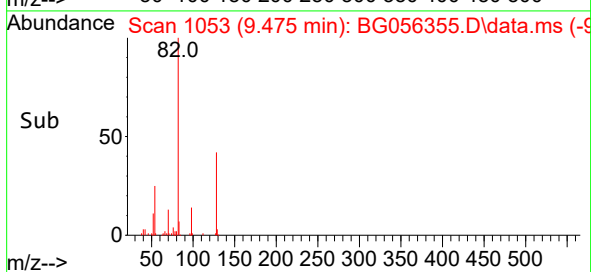
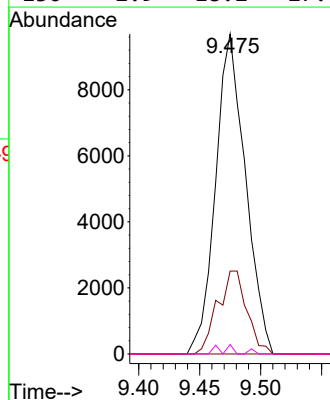
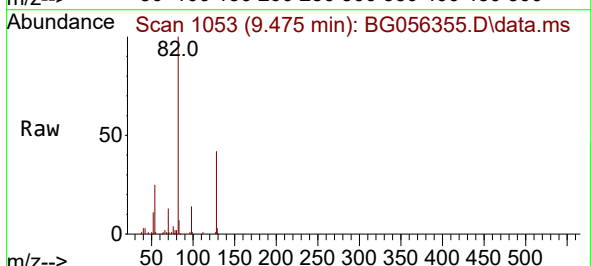
Instrument :
BNA_G
ClientSampleId :
MH-8

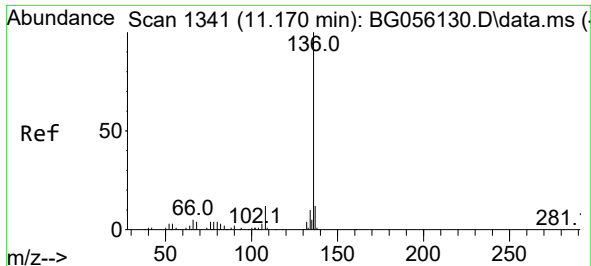
Tgt Ion: 99 Resp: 255219
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 29.8 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.870 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.364 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

Tgt Ion: 70 Resp: 16498
Ion Ratio Lower Upper
70 100
42 25.9 18.2 27.2
101 0.0 8.3 12.5#
130 2.9 18.2 27.4#

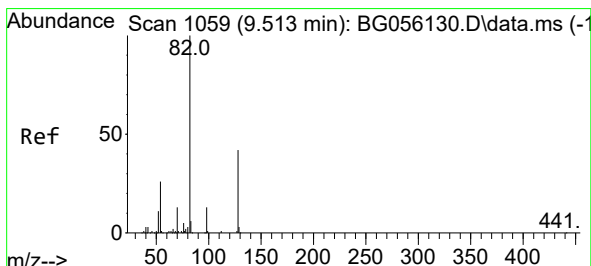
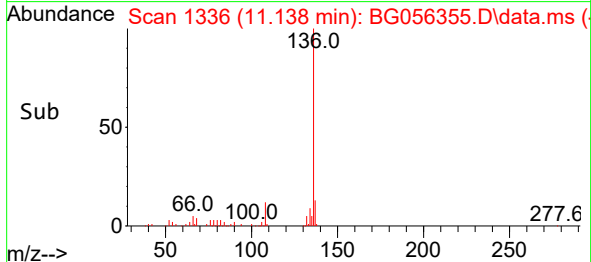
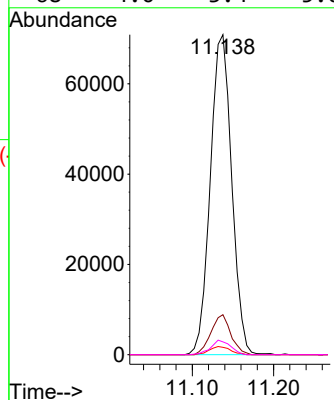
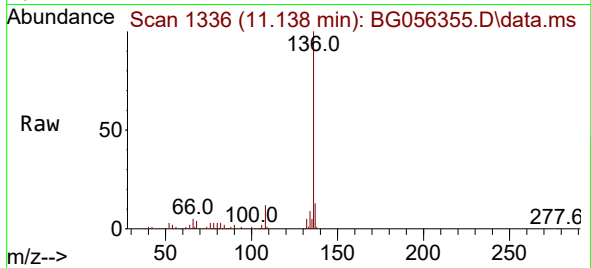




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

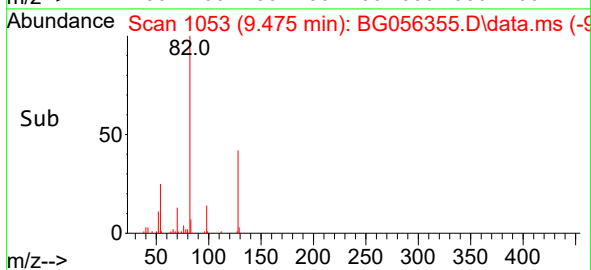
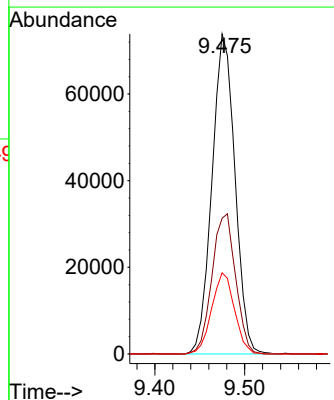
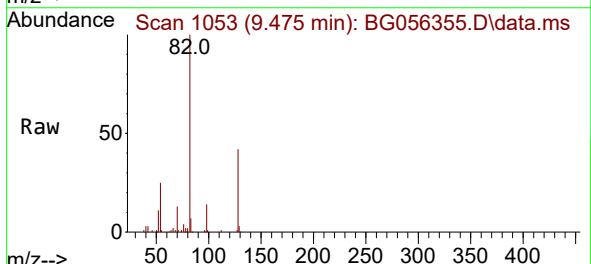
Instrument :
BNA_G
ClientSampleId :
MH-8

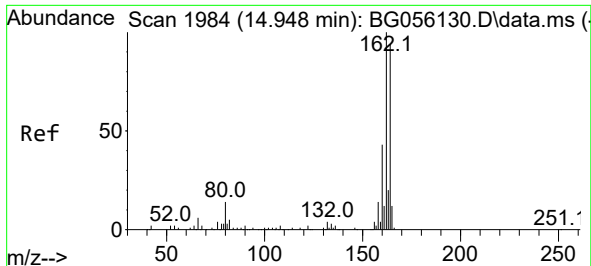
Tgt Ion:	136	Resp:	129553
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.4	14.0
54	2.3	2.2	3.2
68	4.0	3.4	5.0



#23
Nitrobenzene-d5
Concen: 51.842 ng
RT: 9.475 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

Tgt Ion:	82	Resp:	131302
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.2
54	25.4	20.3	30.5

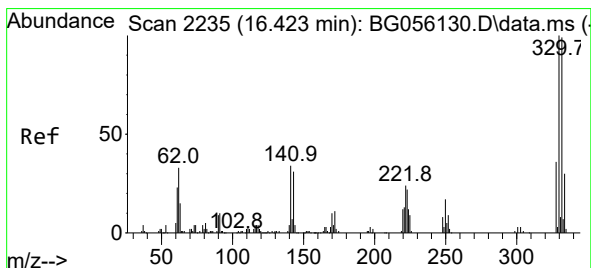
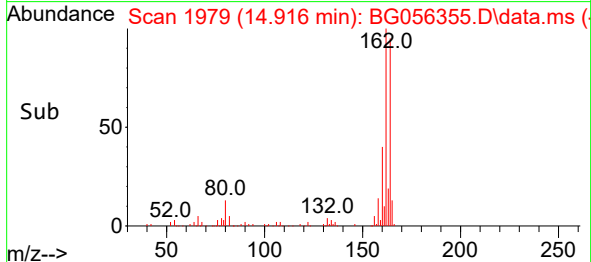
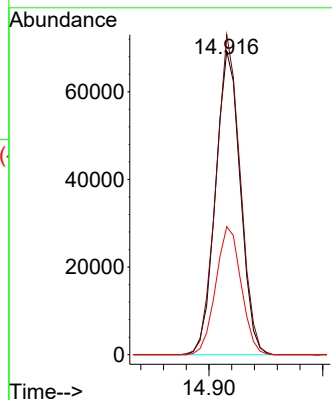
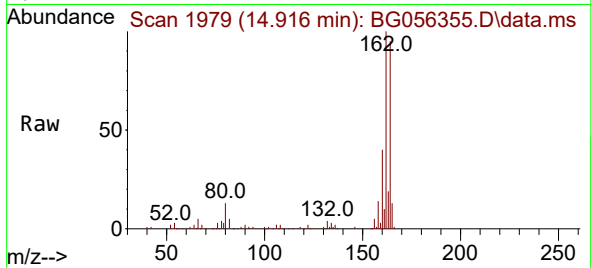




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.916 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

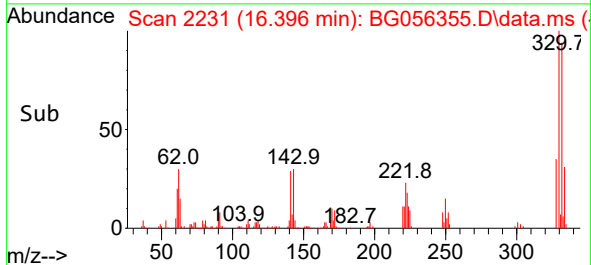
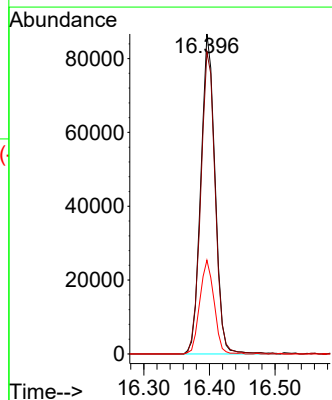
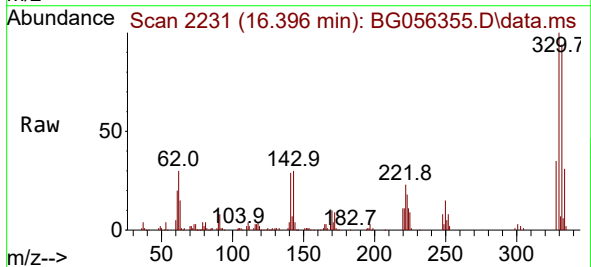
Instrument :
BNA_G
ClientSampleId :
MH-8

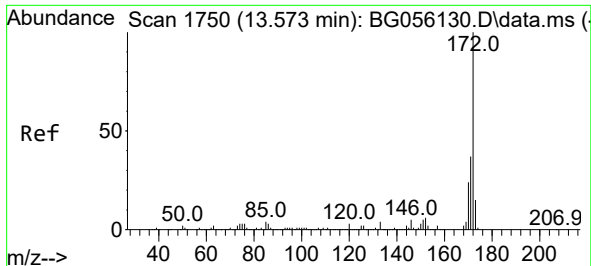
Tgt Ion:164 Resp: 104551
Ion Ratio Lower Upper
164 100
162 105.5 84.7 127.1
160 42.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 98.822 ng
RT: 16.396 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

Tgt Ion:330 Resp: 130852
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 29.4 27.9 41.9

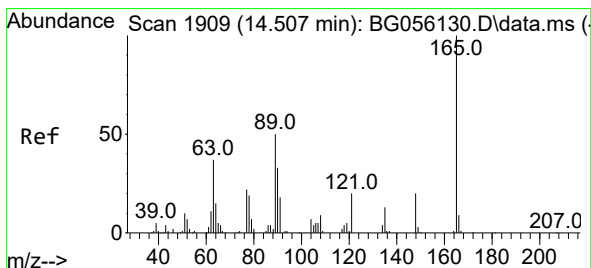
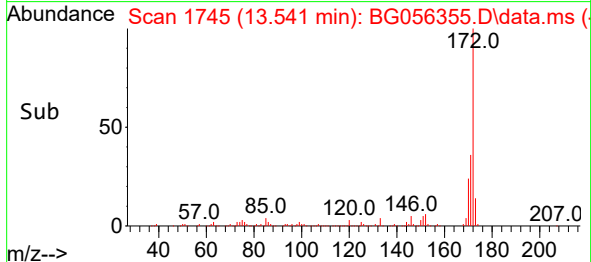
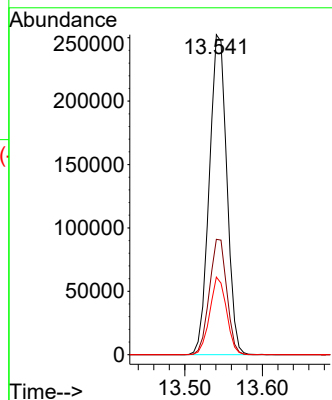
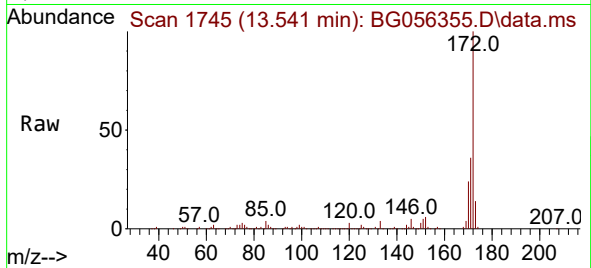




#45
2-Fluorobiphenyl
Concen: 52.166 ng
RT: 13.541 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

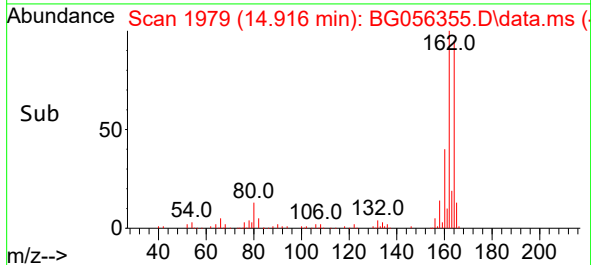
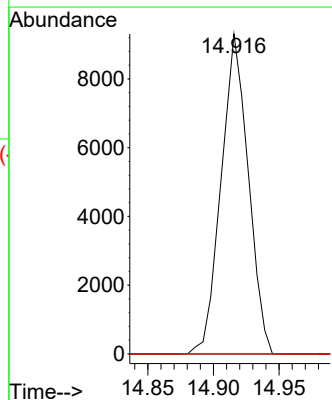
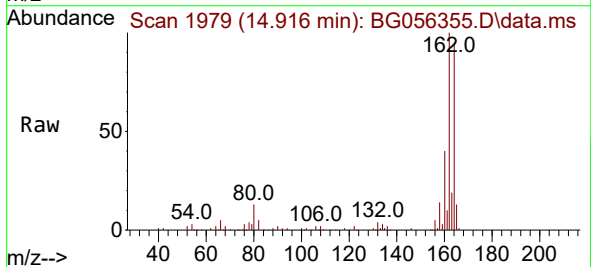
Instrument :
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ClientSampleId :
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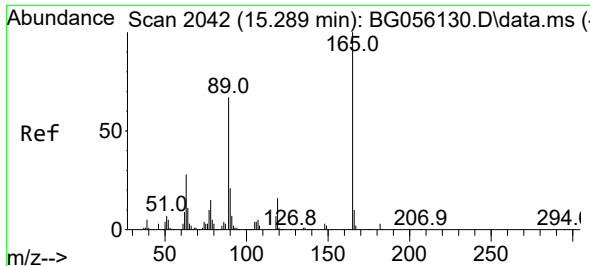
Tgt Ion:172 Resp: 394959
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.3 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.444 ng
RT: 14.916 min Scan# 1979
Delta R.T. 0.429 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

Tgt Ion:165 Resp: 13388
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.323 ng

RT: 14.916 min Scan# 14

Delta R.T. -0.359 min

Lab File: BG056355.D

Acq: 19 Jan 2023 20:29

Instrument :

BNA_G

ClientSampleId :

MH-8

Tgt Ion:165 Resp: 13388

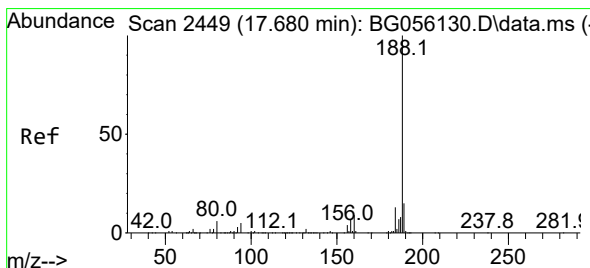
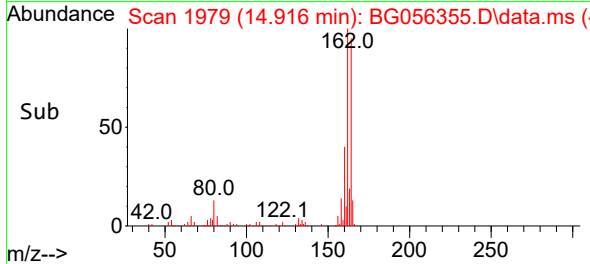
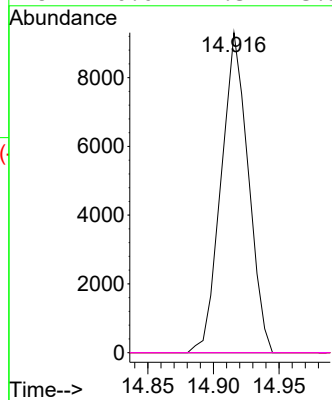
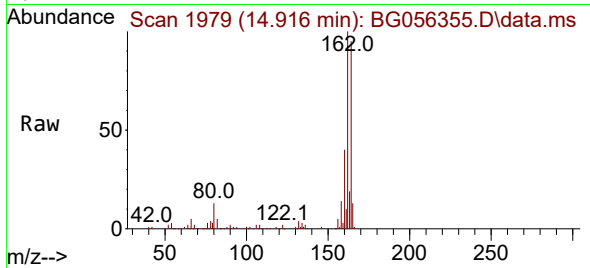
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 0.0 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.654 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BG056355.D

Acq: 19 Jan 2023 20:29

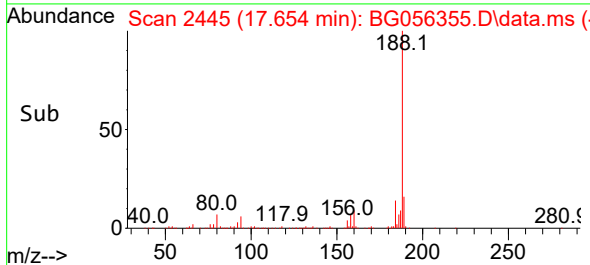
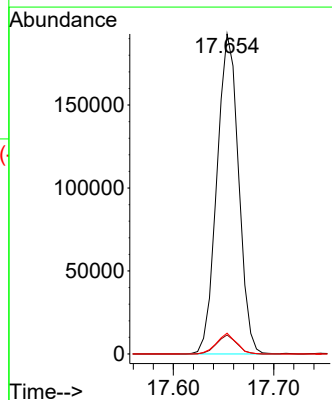
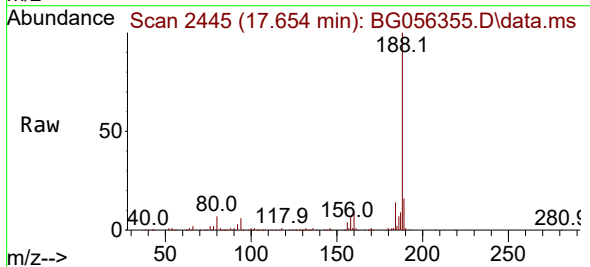
Tgt Ion:188 Resp: 288452

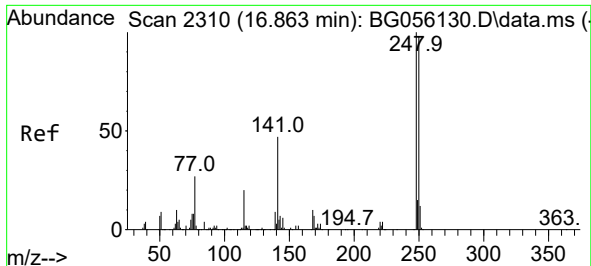
Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.2

80 6.5 5.0 7.4

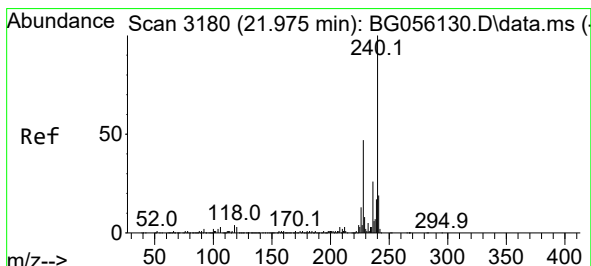
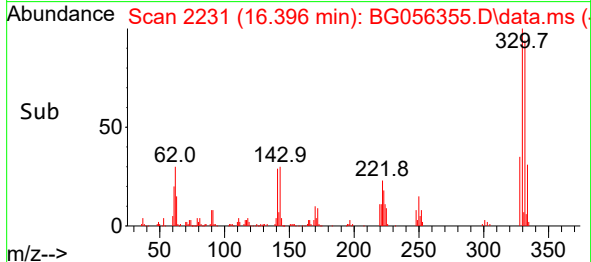
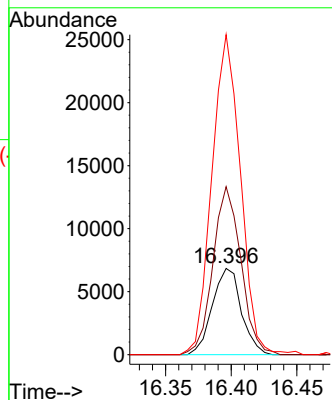
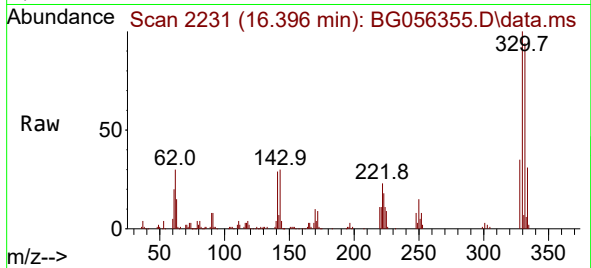




#67
4-Bromophenyl-phenylether
Concen: 2.860 ng
RT: 16.396 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

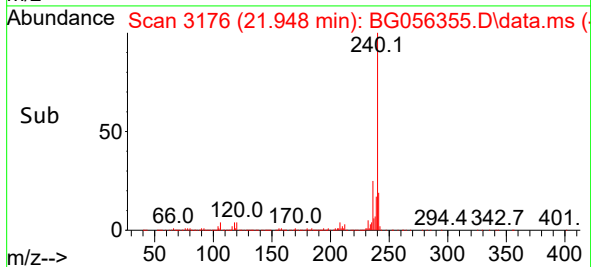
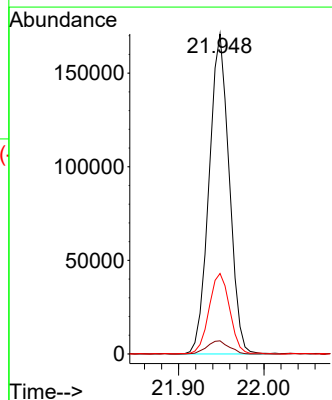
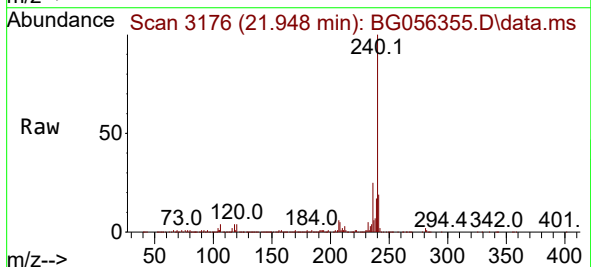
Instrument :
BNA_G
ClientSampleId :
MH-8

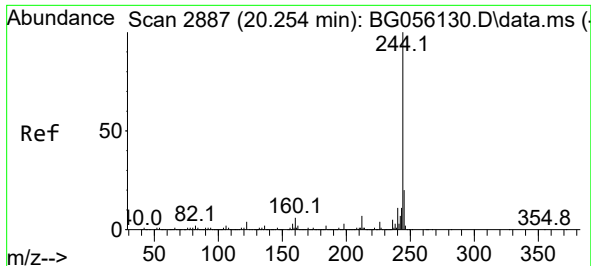
Tgt Ion:248 Resp: 10504
Ion Ratio Lower Upper
248 100
250 148.0 78.2 117.4#
141 281.8 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

Tgt Ion:240 Resp: 280243
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 25.1 20.8 31.2

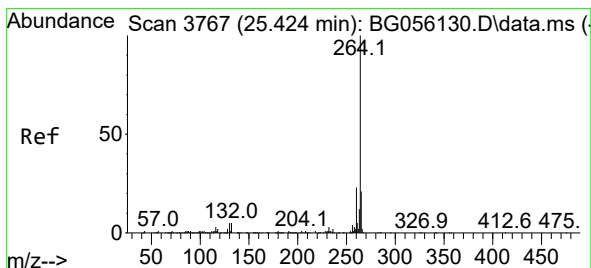
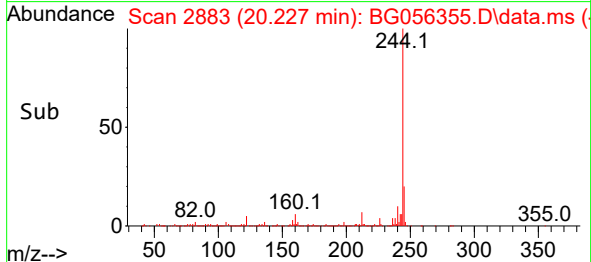
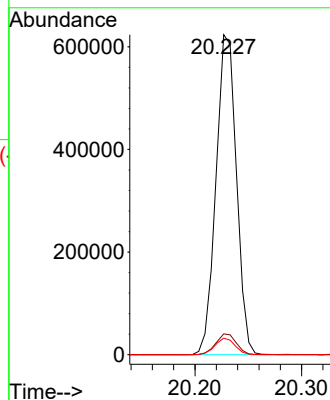
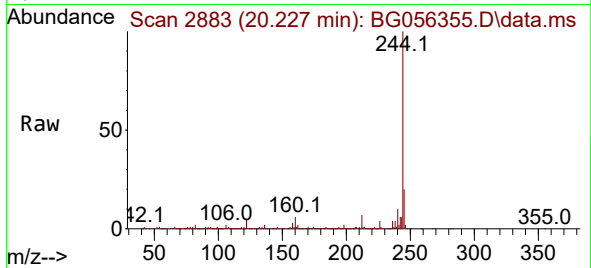




#79
 Terphenyl-d14
 Concen: 53.062 ng
 RT: 20.227 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056355.D
 Acq: 19 Jan 2023 20:29

Instrument :
 BNA_G
 ClientSampleId :
 MH-8

Tgt Ion:244 Resp: 830261
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 5.1 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.392 min Scan# 3762
 Delta R.T. -0.000 min
 Lab File: BG056355.D
 Acq: 19 Jan 2023 20:29

Tgt Ion:264 Resp: 304782
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 21.4 16.7 25.1

