

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056161.D
 Acq On : 29 Dec 2022 19:38
 Operator : CG/JU
 Sample : N6228-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Dec 30 04:08:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

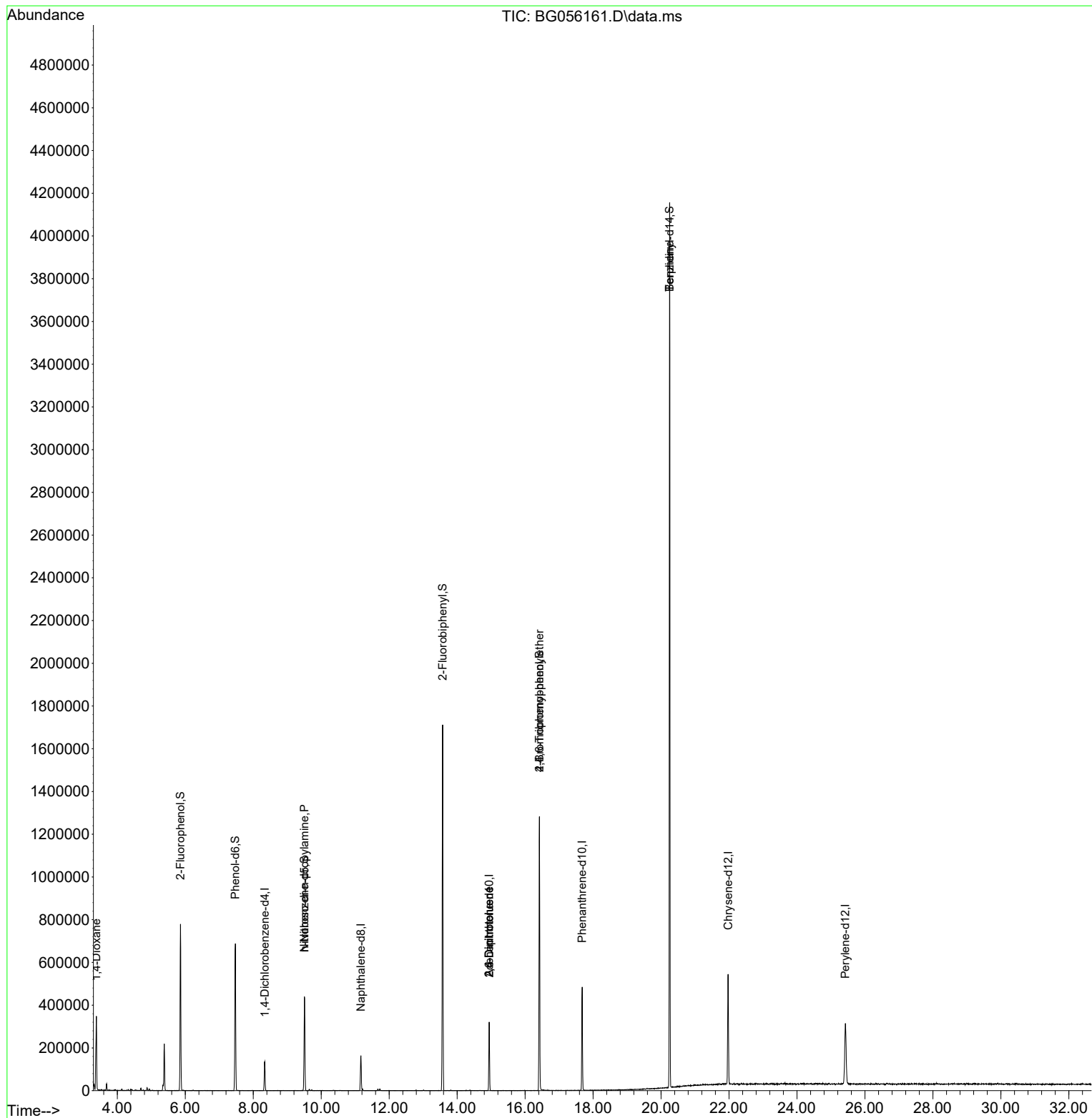
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	44625	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	150956	20.000	ng	0.00
39) Acenaphthene-d10	14.941	164	121508	20.000	ng	0.00
64) Phenanthrene-d10	17.679	188	329956	20.000	ng	0.00
76) Chrysene-d12	21.974	240	353029	20.000	ng	0.00
86) Perylene-d12	25.423	264	371492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	415846	166.385	ng	0.00
7) Phenol-d6	7.474	99	535598	139.543	ng	0.00
23) Nitrobenzene-d5	9.507	82	324001	109.788	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	258397	167.912	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	962453	109.380	ng	0.00
79) Terphenyl-d14	20.253	244	2190975	111.157	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.379	88	4962	4.347	ng	# 1
19) n-Nitroso-di-n-propyla...	9.507	70	41200	17.652	ng	# 78
51) 2,6-Dinitrotoluene	14.941	165	16052	7.680	ng	# 32
57) 2,4-Dinitrotoluene	14.941	165	16052	5.492	ng	# 28
67) 4-Bromophenyl-phenylether	16.422	248	22507	5.357	ng	# 1
77) Benizidine	20.253	184	32215	2.604	ng	# 91

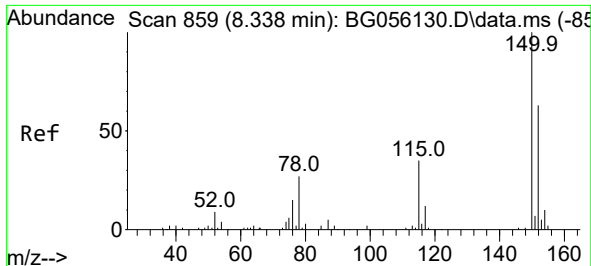
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
Data File : BG056161.D
Acq On : 29 Dec 2022 19:38
Operator : CG/JU
Sample : N6228-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Time: Dec 30 04:08:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 05:20:14 2022
Response via : Initial Calibration

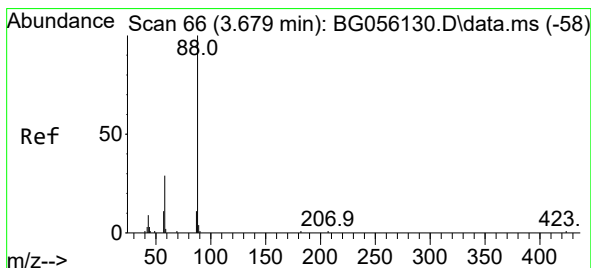
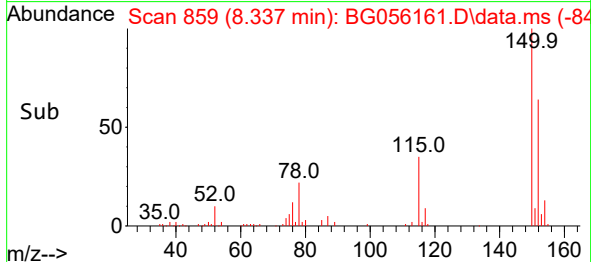
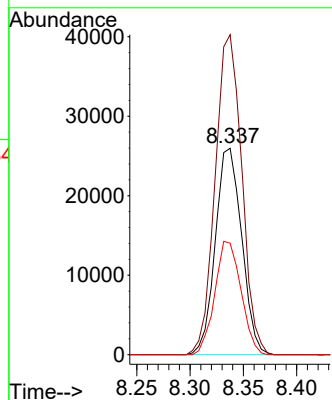
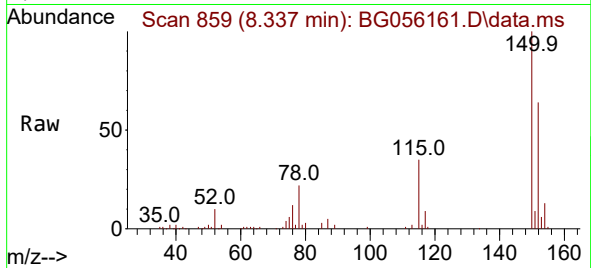




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.337 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG056161.D
 Acq: 29 Dec 2022 19:38

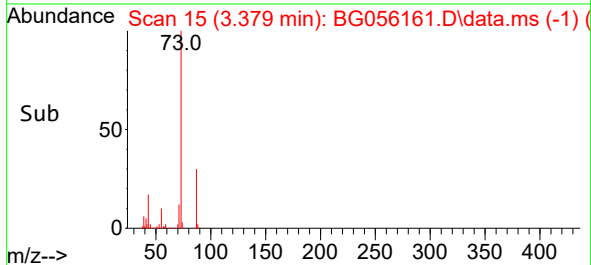
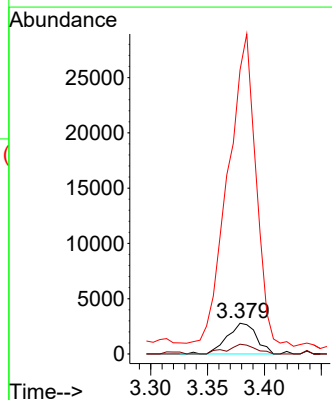
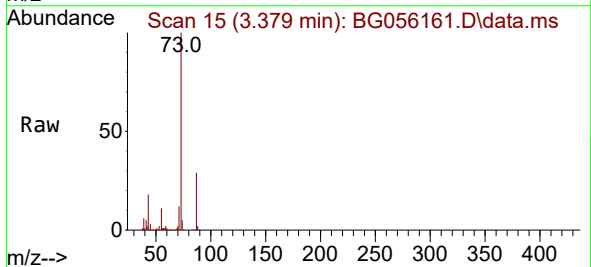
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

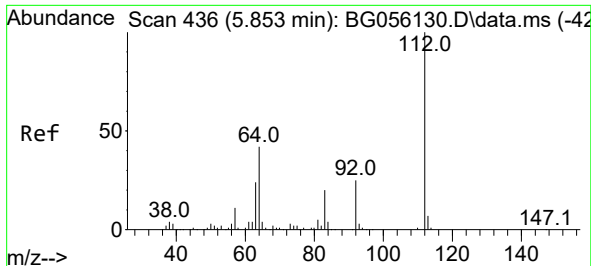
Tgt Ion:152 Resp: 44625
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.9 191.9
 115 54.1 44.2 66.2



#2
 1,4-Dioxane
 Concen: 4.347 ng
 RT: 3.379 min Scan# 15
 Delta R.T. -0.300 min
 Lab File: BG056161.D
 Acq: 29 Dec 2022 19:38

Tgt Ion: 88 Resp: 4962
 Ion Ratio Lower Upper
 88 100
 58 30.5 21.4 32.0
 43 980.0 7.1 10.7#

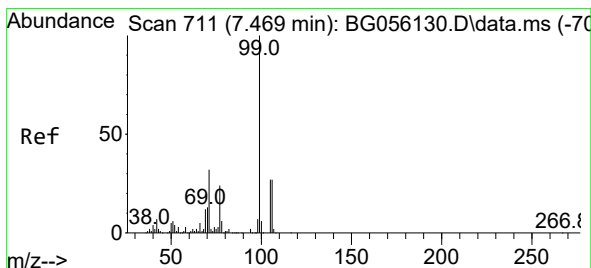
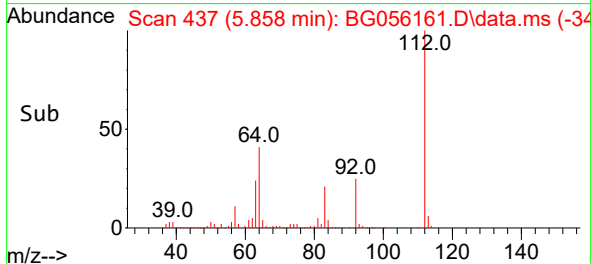
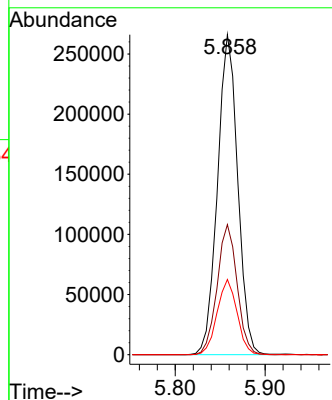
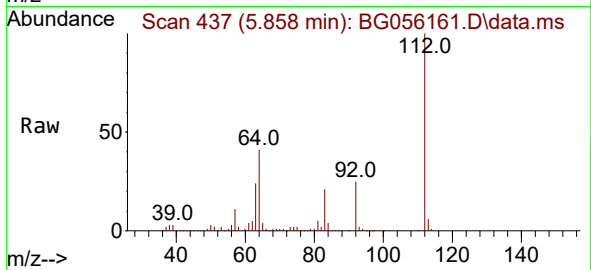




#5
2-Fluorophenol
Concen: 166.385 ng
RT: 5.858 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

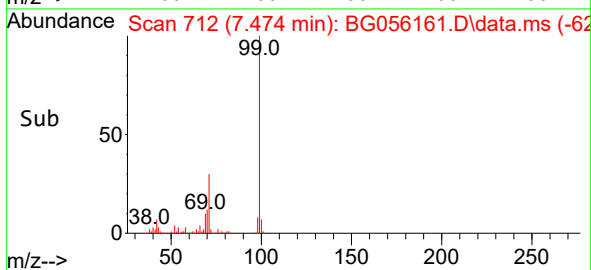
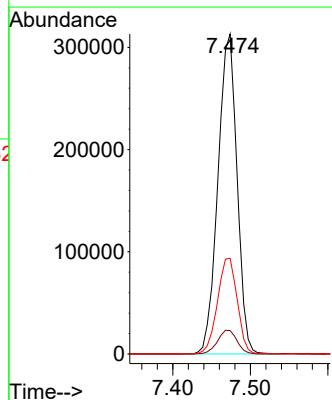
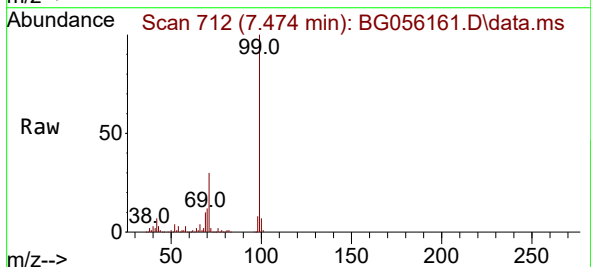
Instrument :
BNA_G
ClientSampleId :
TP-4

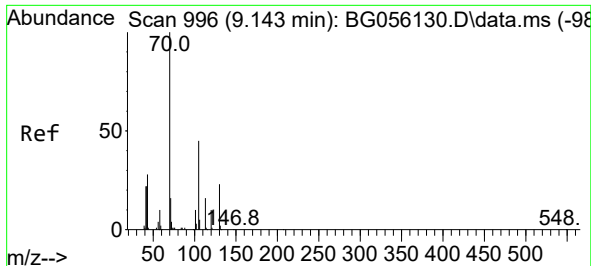
Tgt Ion:112 Resp: 415846
Ion Ratio Lower Upper
112 100
64 40.6 33.3 49.9
63 23.5 19.0 28.4



#7
Phenol-d6
Concen: 139.543 ng
RT: 7.474 min Scan# 712
Delta R.T. 0.005 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

Tgt Ion: 99 Resp: 535598
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 29.9 25.4 38.2

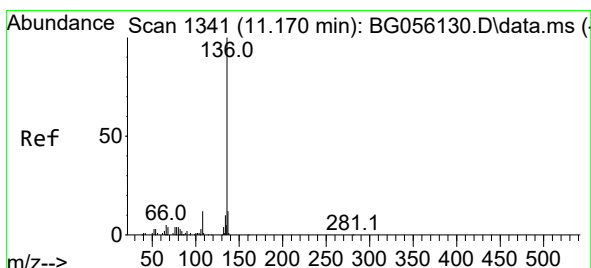
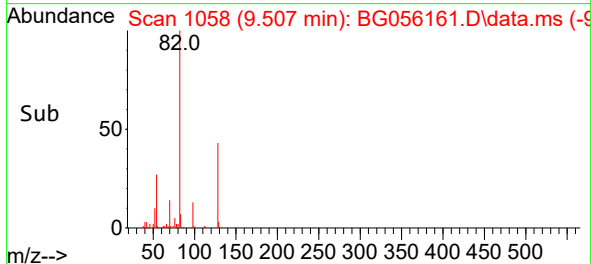
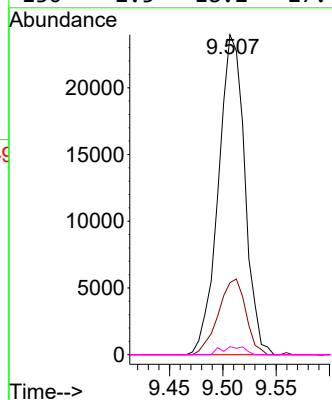
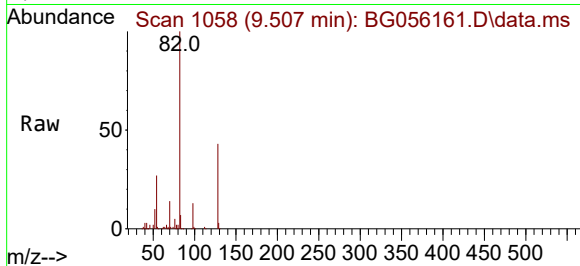




#19
n-Nitroso-di-n-propylamine
Concen: 17.652 ng
RT: 9.507 min Scan# 1058
Delta R.T. 0.364 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

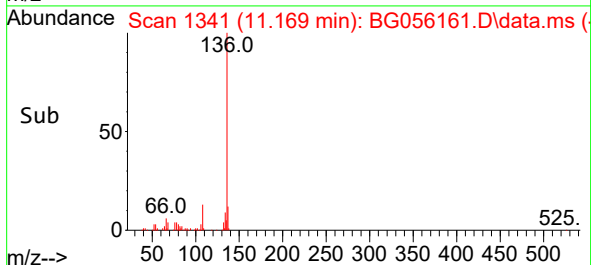
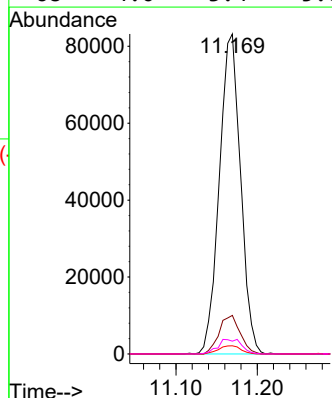
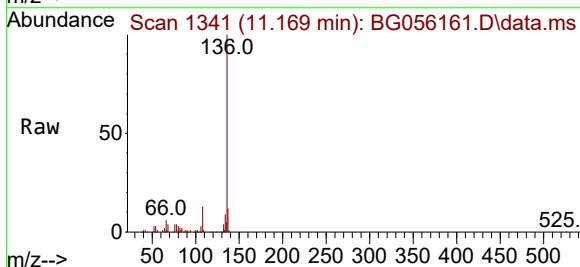
Instrument :
BNA_G
ClientSampleId :
TP-4

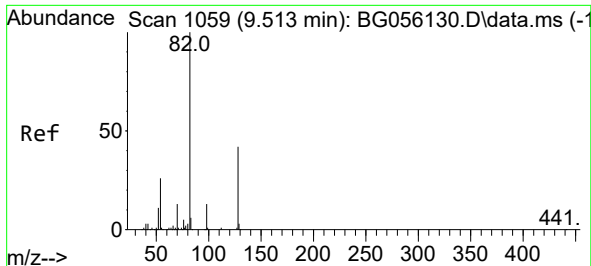
Tgt Ion:	70	Resp:	41200
Ion	Ratio	Lower	Upper
70	100		
42	22.5	18.2	27.2
101	0.0	8.3	12.5#
130	2.5	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 1341
Delta R.T. -0.001 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

Tgt Ion:	136	Resp:	150956
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.4	14.0
54	2.6	2.2	3.2
68	4.0	3.4	5.0

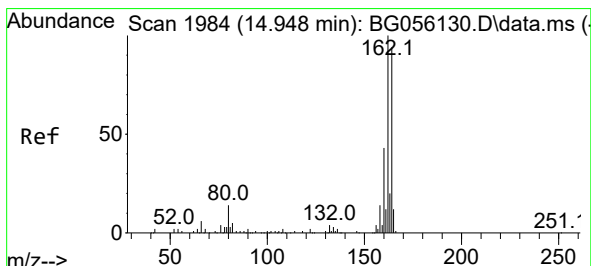
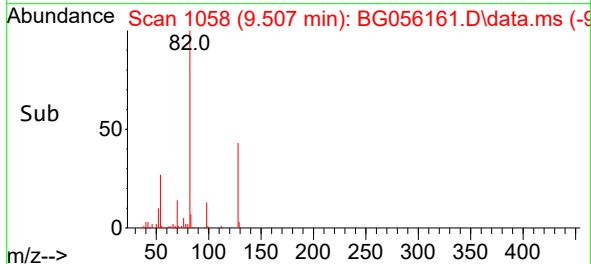
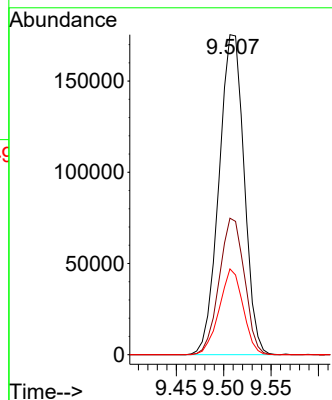
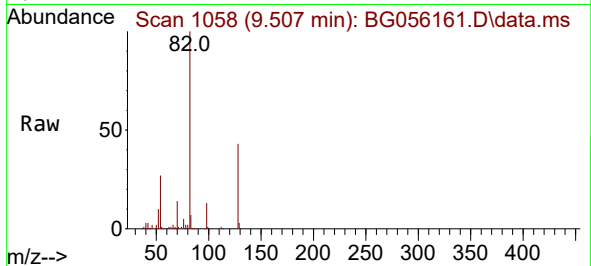




#23
Nitrobenzene-d5
Concen: 109.788 ng
RT: 9.507 min Scan# 1058
Delta R.T. -0.007 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

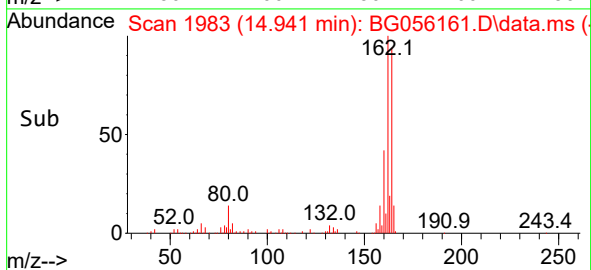
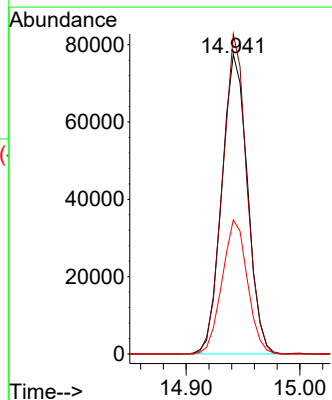
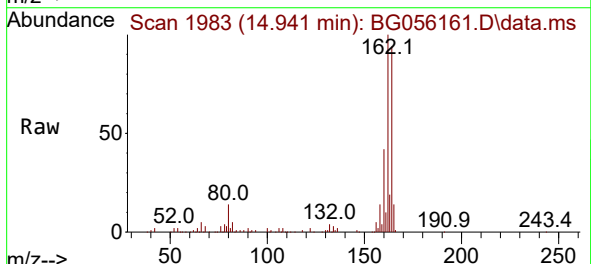
Instrument :
BNA_G
ClientSampleId :
TP-4

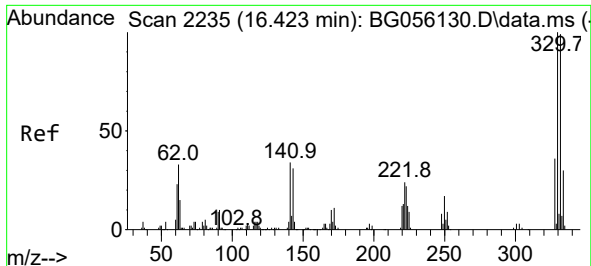
Tgt Ion: 82 Resp: 324001
Ion Ratio Lower Upper
82 100
128 42.6 33.4 50.2
54 26.8 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.007 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

Tgt Ion: 164 Resp: 121508
Ion Ratio Lower Upper
164 100
162 106.8 84.7 127.1
160 44.8 36.3 54.5

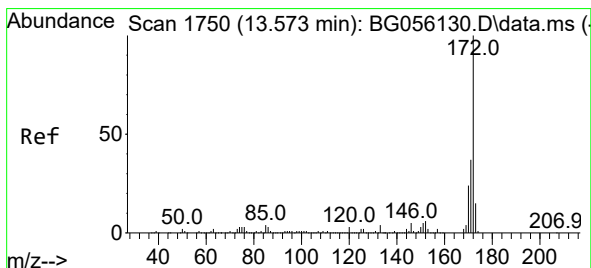
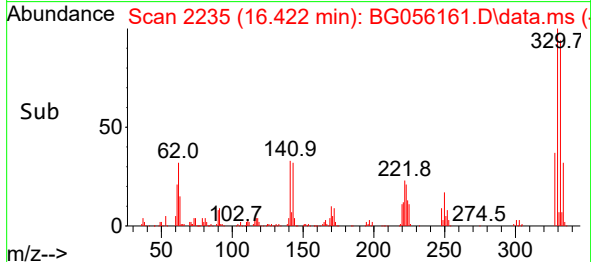
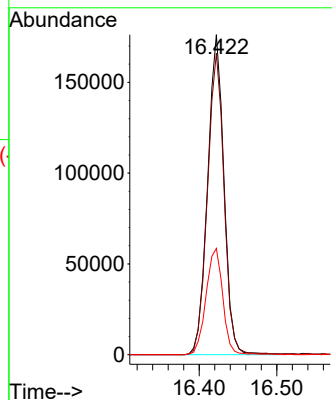
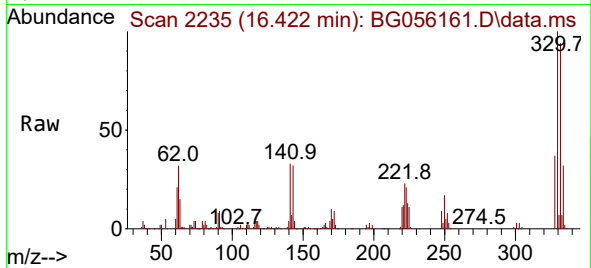




#42
2,4,6-Tribromophenol
Concen: 167.912 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

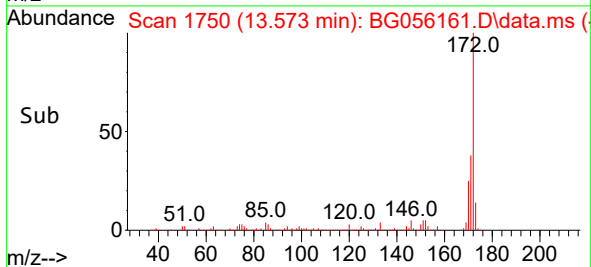
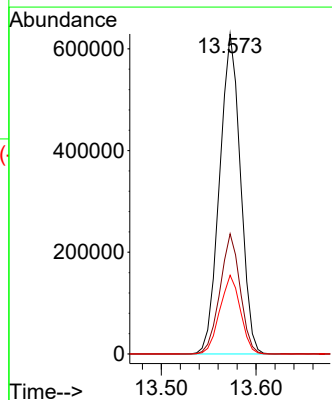
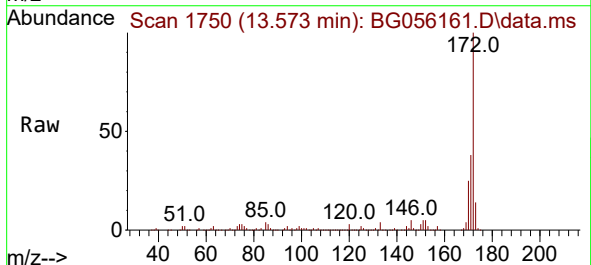
Instrument :
BNA_G
ClientSampleId :
TP-4

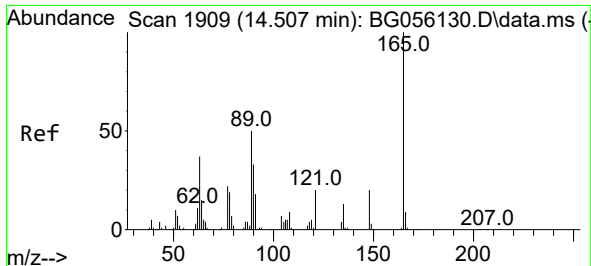
Tgt Ion:330 Resp: 258397
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 34.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 109.380 ng
RT: 13.573 min Scan# 1750
Delta R.T. -0.001 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

Tgt Ion:172 Resp: 962453
Ion Ratio Lower Upper
172 100
171 37.5 29.6 44.4
170 24.6 19.4 29.2

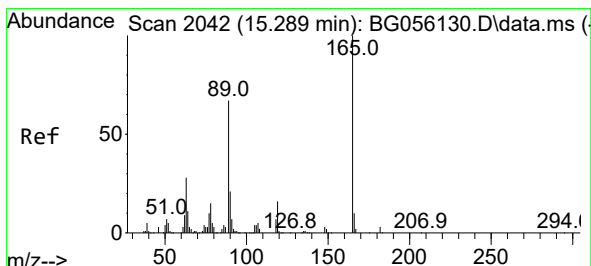
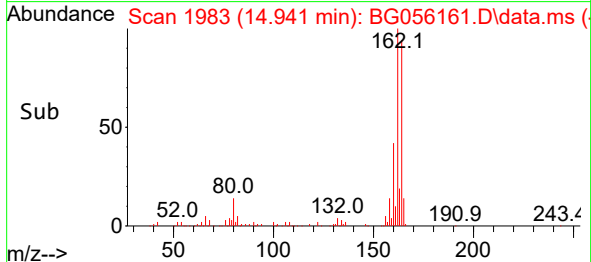
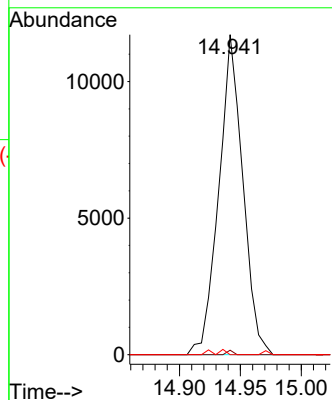
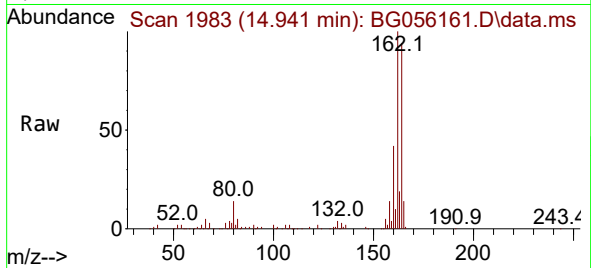




#51
2,6-Dinitrotoluene
Concen: 7.680 ng
RT: 14.941 min Scan# 1909
Delta R.T. 0.434 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

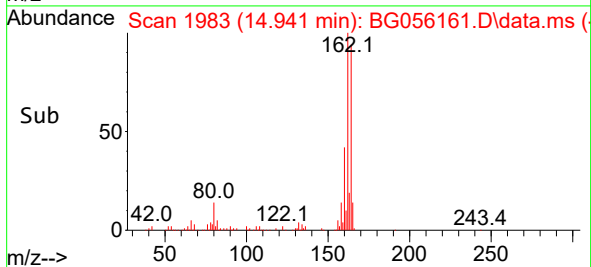
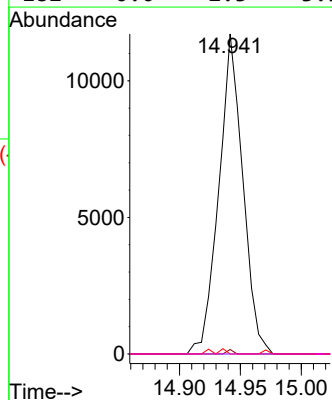
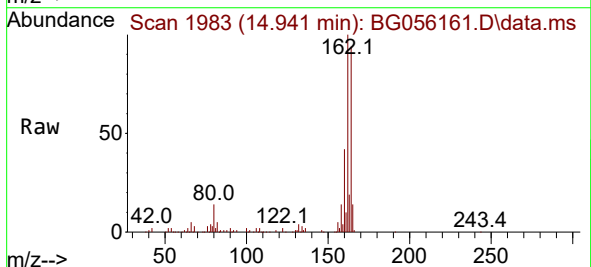
Instrument :
BNA_G
ClientSampleId :
TP-4

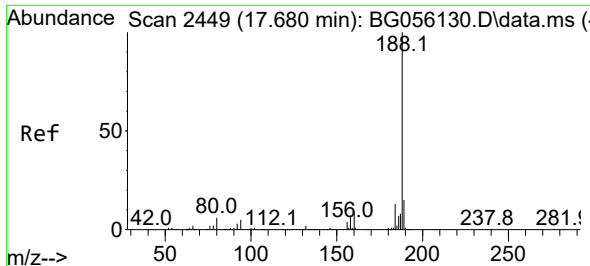
Tgt Ion:165 Resp: 16052
Ion Ratio Lower Upper
165 100
63 1.4 32.2 48.2#
89 0.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.492 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.347 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

Tgt Ion:165 Resp: 16052
Ion Ratio Lower Upper
165 100
63 1.4 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#

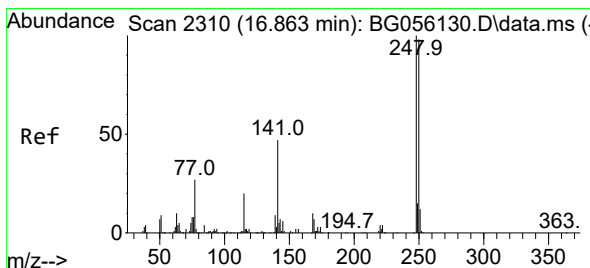
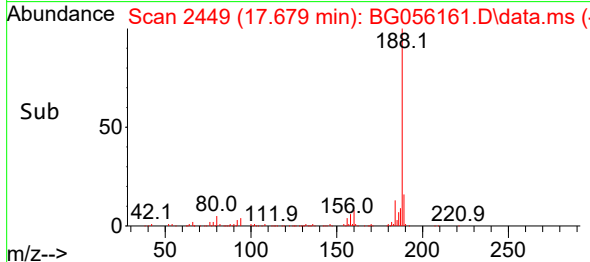
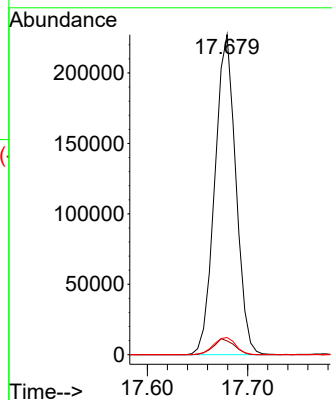
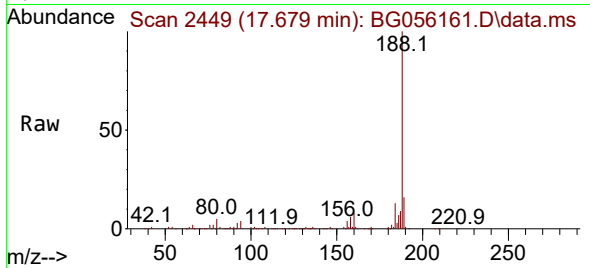




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.679 min Scan# 2449
Delta R.T. -0.001 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

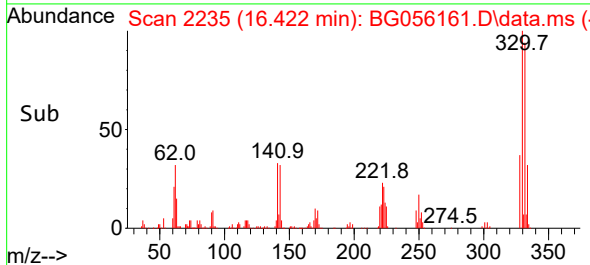
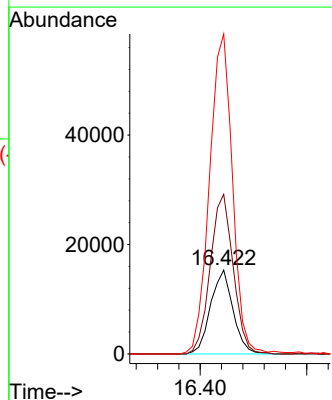
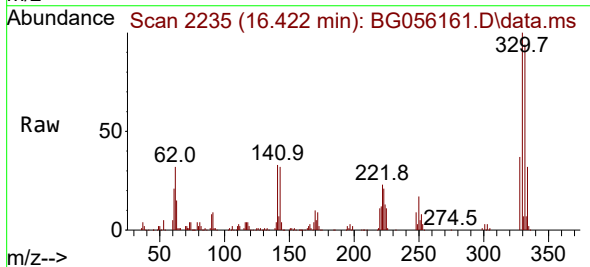
Instrument :
BNA_G
ClientSampleId :
TP-4

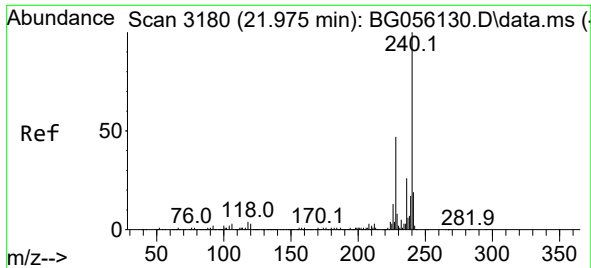
Tgt Ion:188 Resp: 329956
Ion Ratio Lower Upper
188 100
94 4.3 4.2 6.2
80 5.4 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 5.357 ng
RT: 16.422 min Scan# 2235
Delta R.T. -0.441 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

Tgt Ion:248 Resp: 22507
Ion Ratio Lower Upper
248 100
250 190.5 78.2 117.4#
141 381.6 37.6 56.4#

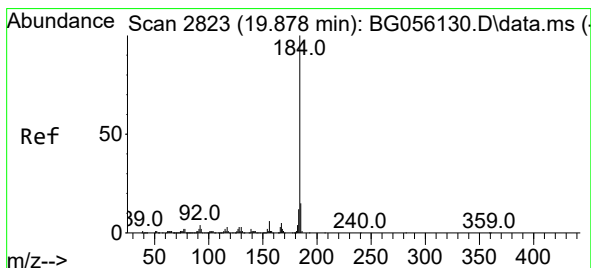
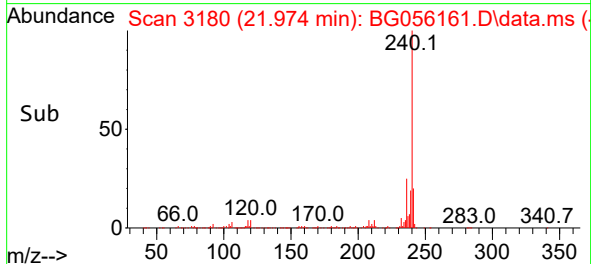
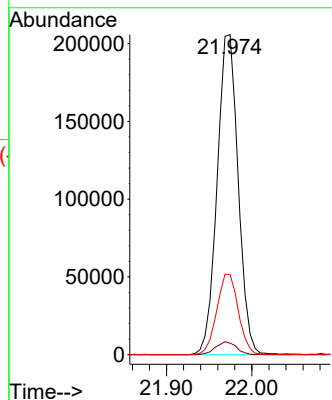
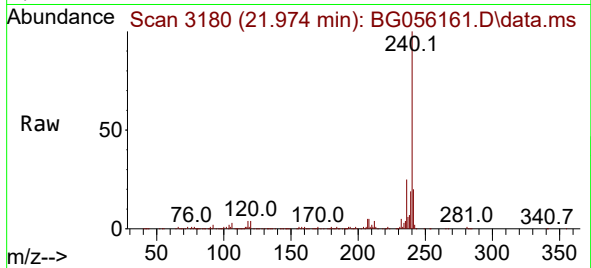




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.974 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

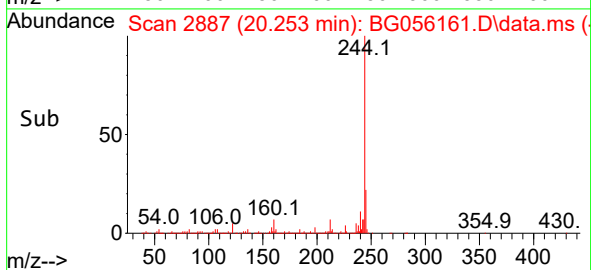
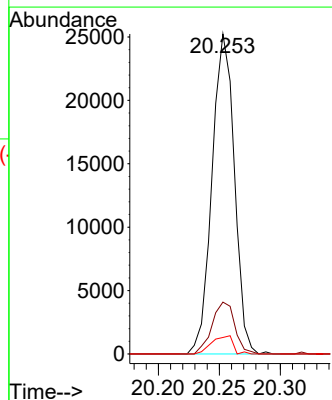
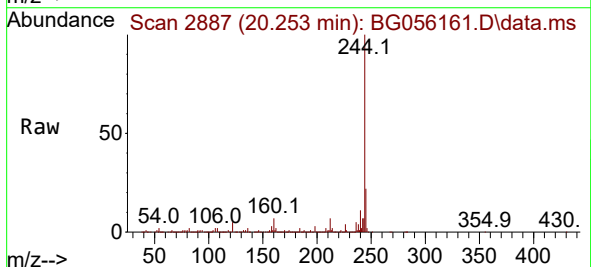
Instrument :
BNA_G
ClientSampleId :
TP-4

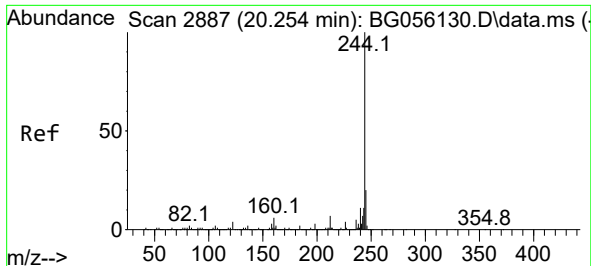
Tgt Ion:240 Resp: 353029
Ion Ratio Lower Upper
240 100
120 3.6 2.6 4.0
236 25.0 20.8 31.2



#77
Benzidine
Concen: 2.604 ng
RT: 20.253 min Scan# 2887
Delta R.T. 0.375 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

Tgt Ion:184 Resp: 32215
Ion Ratio Lower Upper
184 100
185 16.2 12.2 18.2
183 5.2 9.4 14.0#

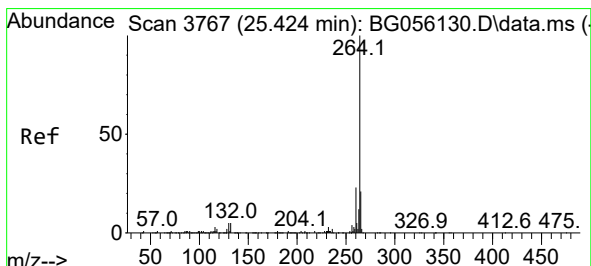
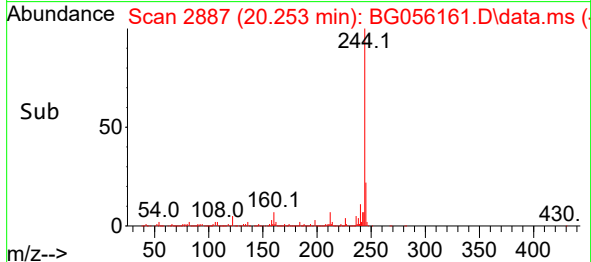
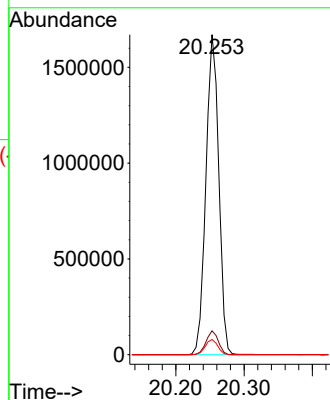
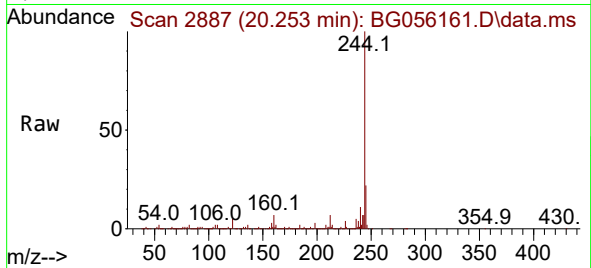




#79
 Terphenyl-d14
 Concen: 111.157 ng
 RT: 20.253 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056161.D
 Acq: 29 Dec 2022 19:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 2190975
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.423 min Scan# 3767
 Delta R.T. -0.001 min
 Lab File: BG056161.D
 Acq: 29 Dec 2022 19:38

Tgt Ion:264 Resp: 371492
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 19.7 16.7 25.1

