

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056081.D
 Acq On : 23 Dec 2022 16:30
 Operator : CG/JU
 Sample : N6190-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-1

Quant Time: Dec 24 00:06:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

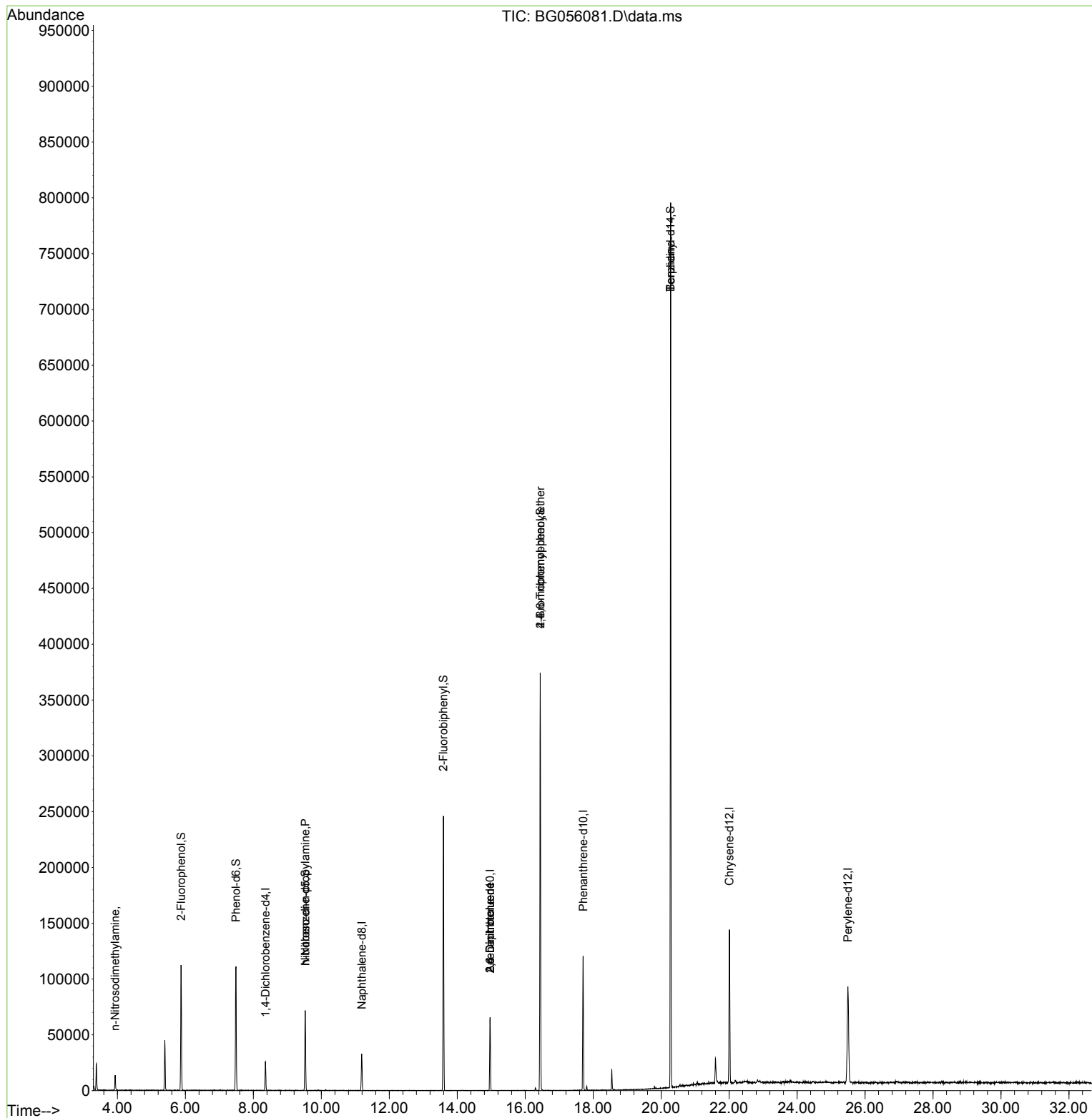
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.357	152	8041	20.000	ng	0.00
21) Naphthalene-d8	11.189	136	28706	20.000	ng	# 0.00
39) Acenaphthene-d10	14.967	164	26622	20.000	ng	0.00
64) Phenanthrene-d10	17.705	188	88638	20.000	ng	0.00
76) Chrysene-d12	22.006	240	102555	20.000	ng	0.00
86) Perylene-d12	25.496	264	121472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.872	112	45172	131.745	ng	0.00
7) Phenol-d6	7.488	99	54207	122.923	ng	0.00
23) Nitrobenzene-d5	9.527	82	37133	90.397	ng	0.00
42) 2,4,6-Tribromophenol	16.442	330	97885	152.484	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	135294	71.275	ng	0.00
79) Terphenyl-d14	20.279	244	428907	73.916	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.933	42	603	2.043	ng	# 1
19) n-Nitroso-di-n-propyla...	9.527	70	5862	18.545	ng	# 59
51) 2,6-Dinitrotoluene	14.967	165	3577	10.043	ng	# 25
57) 2,4-Dinitrotoluene	14.967	165	3577	6.653	ng	# 35
67) 4-Bromophenyl-phenylether	16.442	248	5575	4.292	ng	# 1
77) Benzidine	20.279	184	6383	3.544	ng	# 92

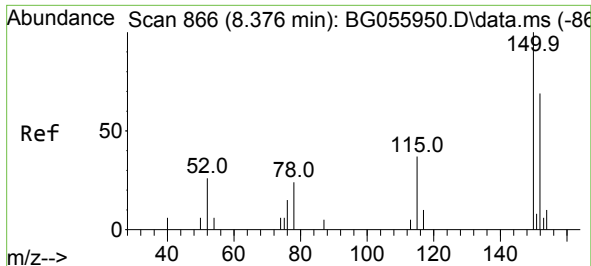
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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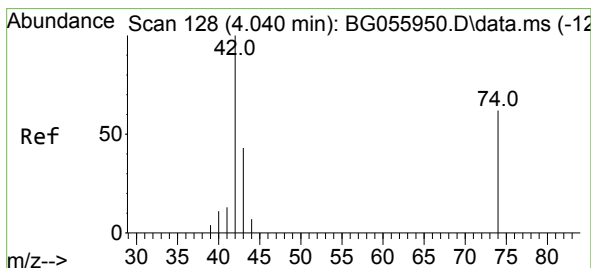
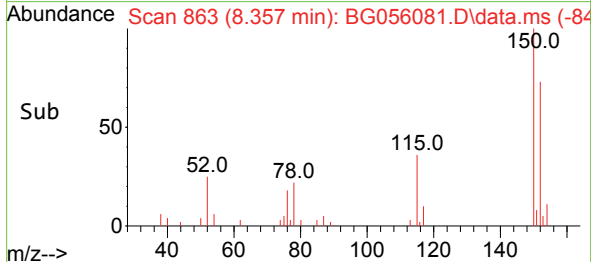
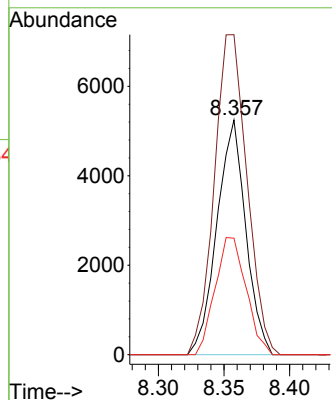
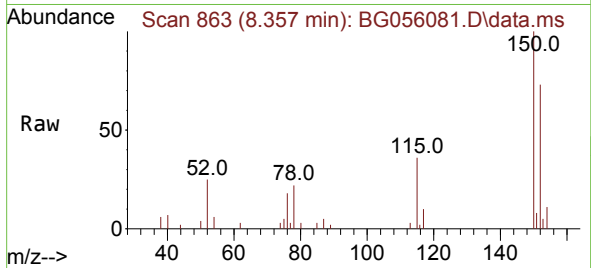




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.357 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

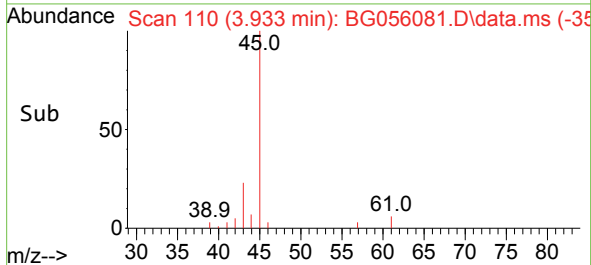
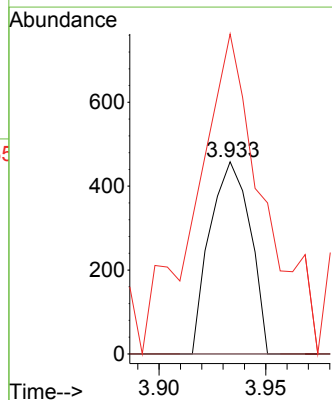
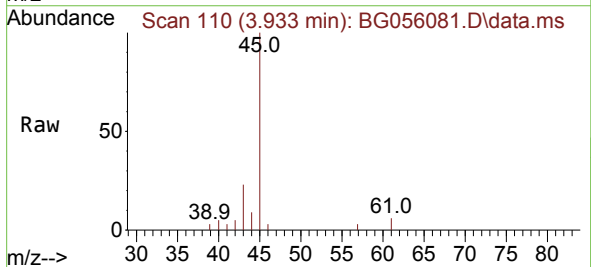
Instrument :
BNA_G
ClientSampleId :
LOCATION-1

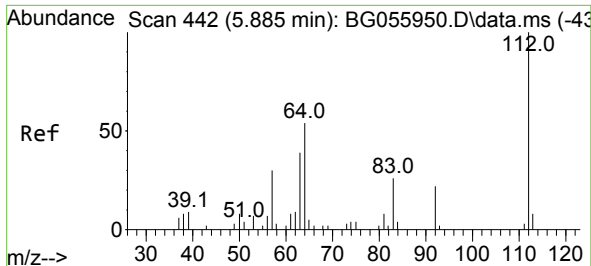
Tgt Ion:152 Resp: 8041
Ion Ratio Lower Upper
152 100
150 136.3 115.7 173.5
115 49.6 43.0 64.4



#4
n-Nitrosodimethylamine
Concen: 2.043 ng
RT: 3.933 min Scan# 110
Delta R.T. -0.090 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

Tgt Ion: 42 Resp: 603
Ion Ratio Lower Upper
42 100
74 0.0 49.8 74.6#
44 166.6 5.2 7.8#

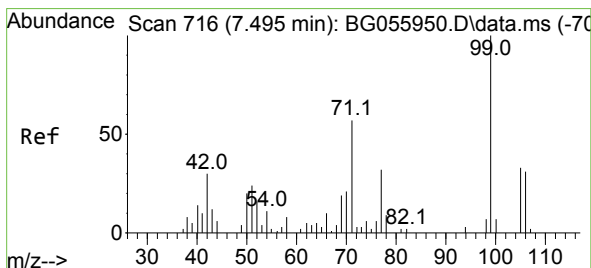
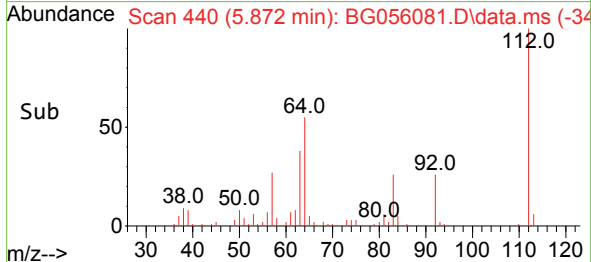
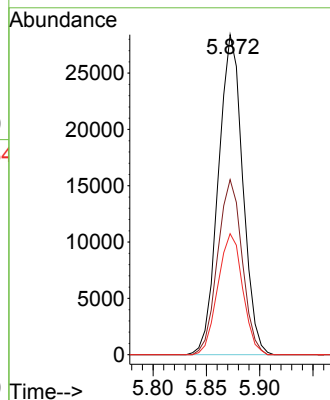
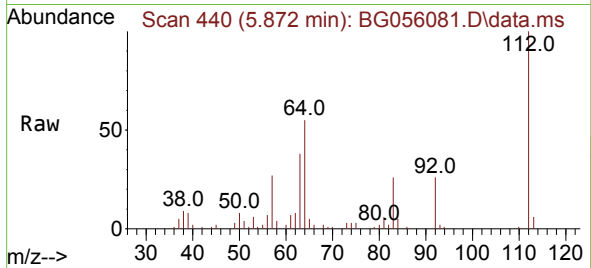




#5
2-Fluorophenol
Concen: 131.745 ng
RT: 5.872 min Scan# 44
Delta R.T. 0.004 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

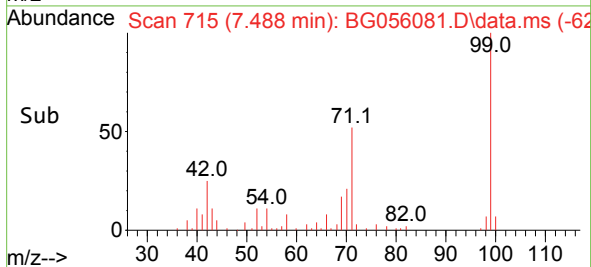
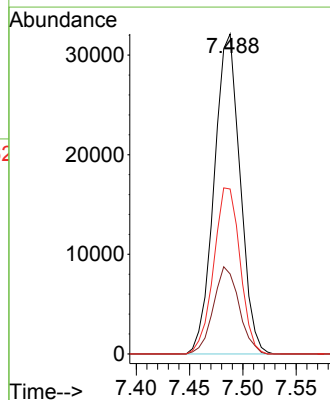
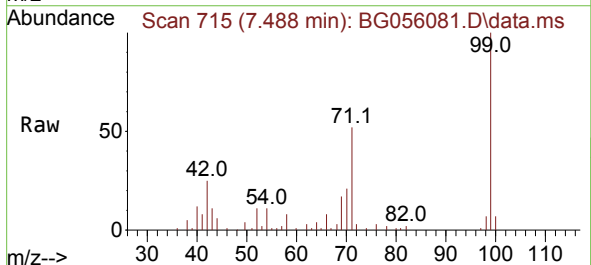
Instrument :
BNA_G
ClientSampleId :
LOCATION-1

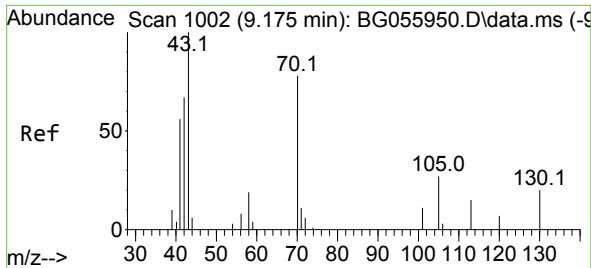
Tgt Ion:112 Resp: 45172
Ion Ratio Lower Upper
112 100
64 54.7 43.0 64.4
63 37.8 31.4 47.2



#7
Phenol-d6
Concen: 122.923 ng
RT: 7.488 min Scan# 715
Delta R.T. 0.004 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

Tgt Ion: 99 Resp: 54207
Ion Ratio Lower Upper
99 100
42 25.0 24.3 36.5
71 51.6 45.6 68.4

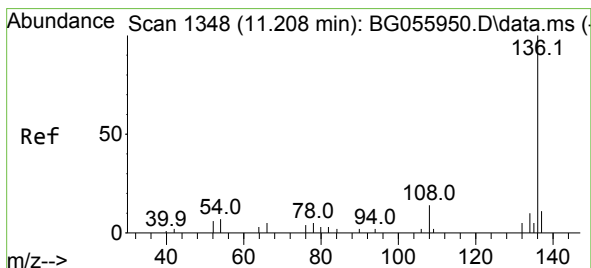
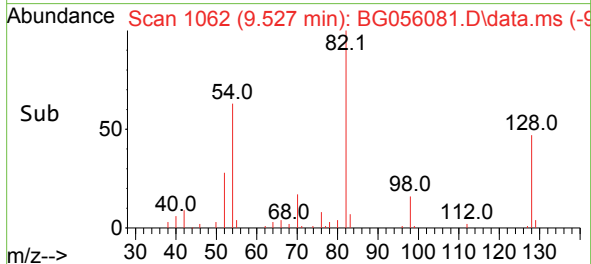
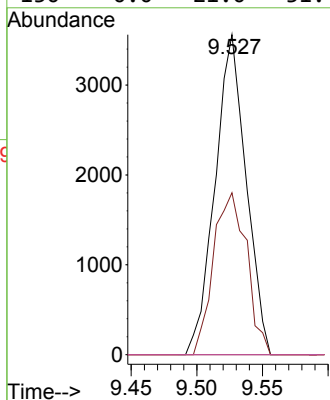
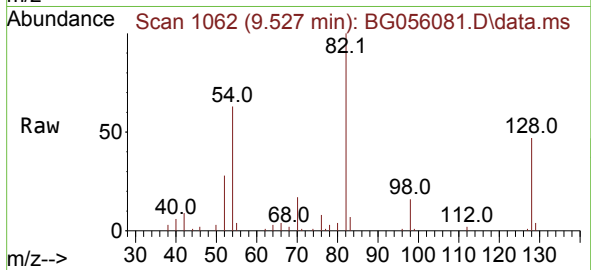




#19
n-Nitroso-di-n-propylamine
Concen: 18.545 ng
RT: 9.527 min Scan# 1062
Delta R.T. 0.369 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

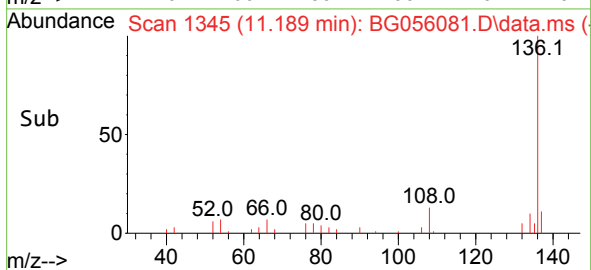
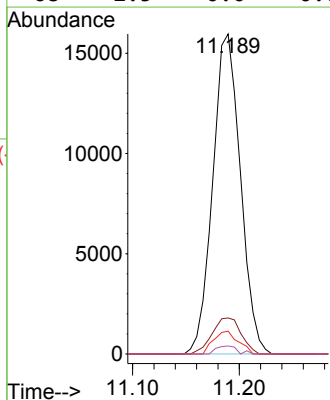
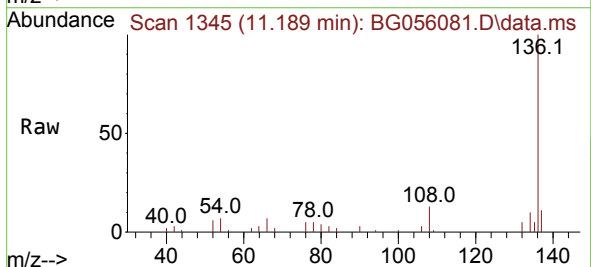
Instrument :
BNA_G
ClientSampleId :
LOCATION-1

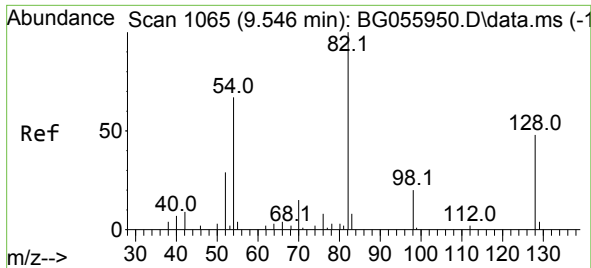
Tgt Ion: 70 Resp: 5862
Ion Ratio Lower Upper
70 100
42 50.6 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.189 min Scan# 1345
Delta R.T. -0.001 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

Tgt Ion: 136 Resp: 28706
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.1 5.6 8.4
68 2.5 0.0 0.0#





#23
Nitrobenzene-d5
Concen: 90.397 ng
RT: 9.527 min Scan# 1062
Delta R.T. -0.001 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

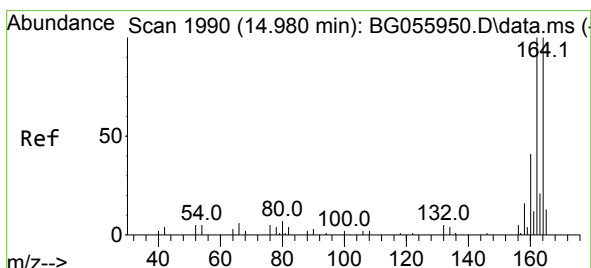
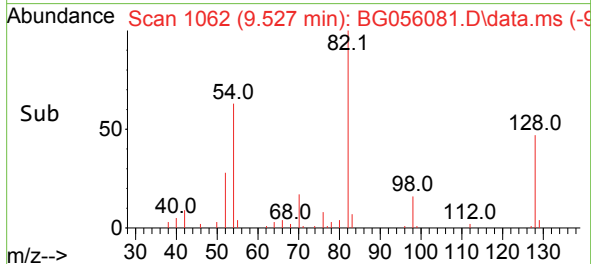
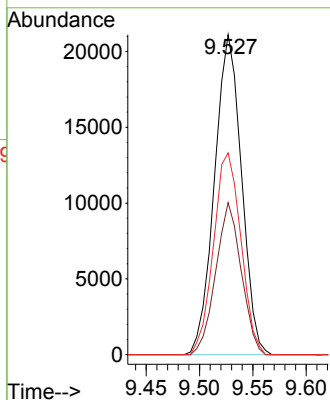
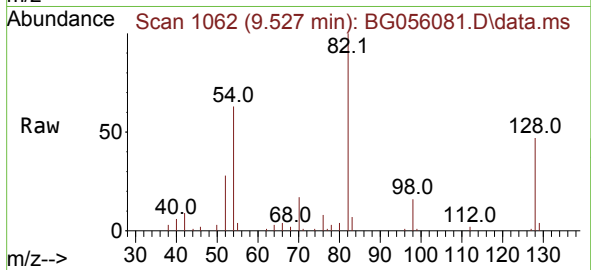
Instrument :

BNA_G

ClientSampleId :

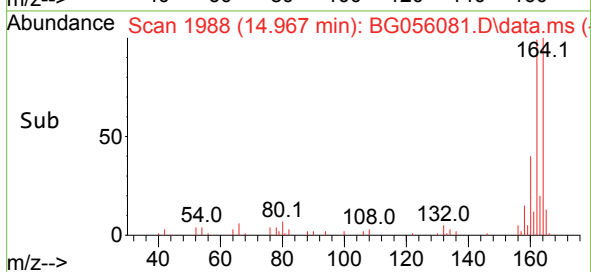
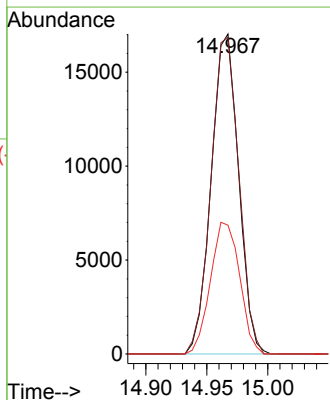
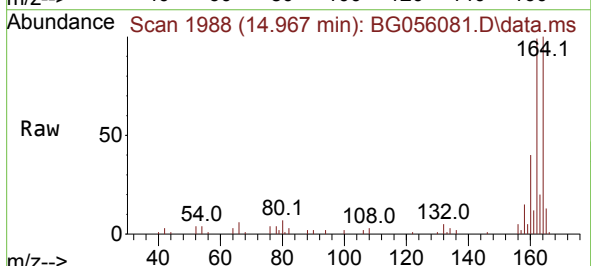
LOCATION-1

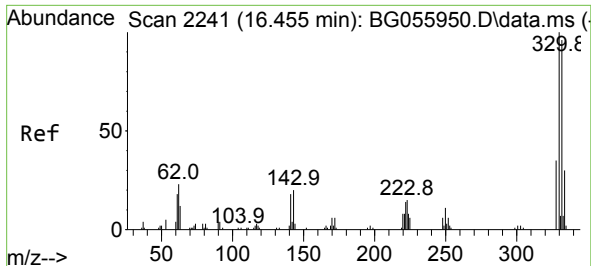
Tgt Ion: 82 Resp: 37133
Ion Ratio Lower Upper
82 100
128 47.5 38.4 57.6
54 63.0 53.3 79.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.967 min Scan# 1988
Delta R.T. -0.001 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

Tgt Ion:164 Resp: 26622
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.8
160 40.2 33.0 49.4

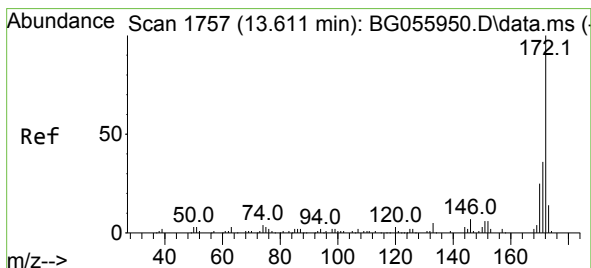
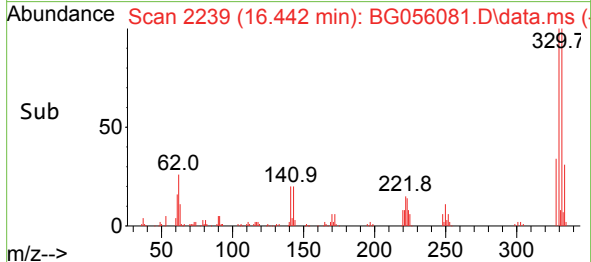
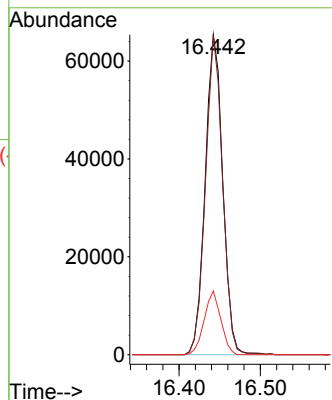
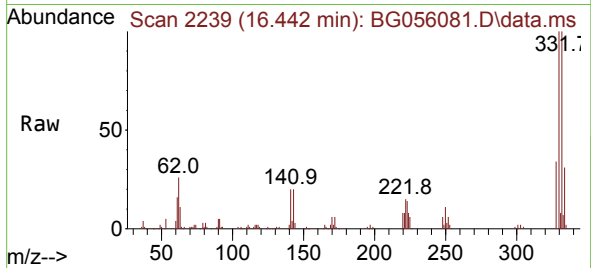




#42
2,4,6-Tribromophenol
Concen: 152.484 ng
RT: 16.442 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

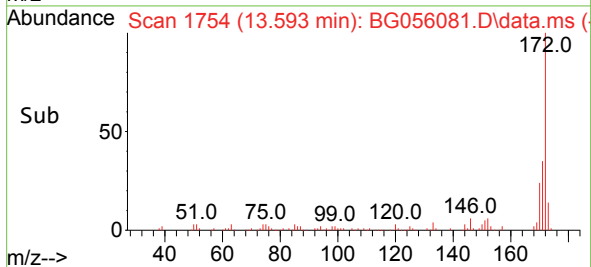
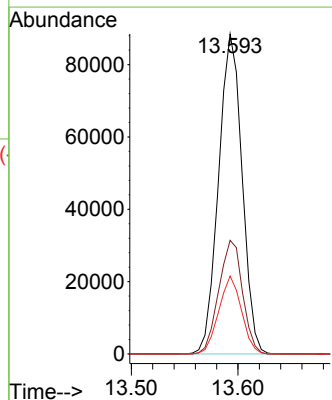
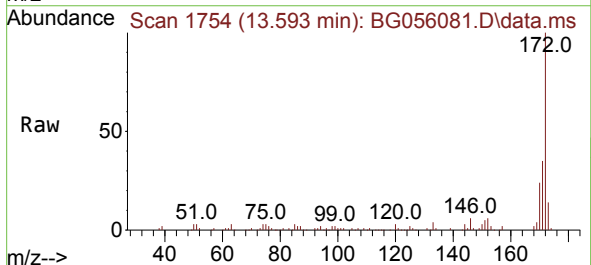
Instrument :
BNA_G
ClientSampleId :
LOCATION-1

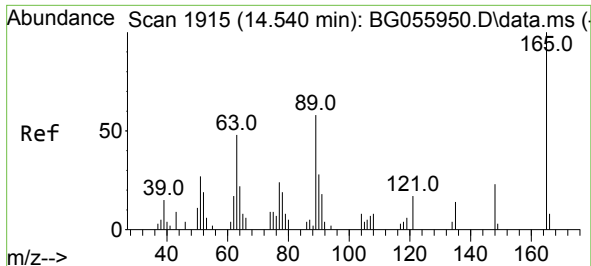
Tgt Ion:330 Resp: 97885
Ion Ratio Lower Upper
330 100
332 97.1 76.6 114.8
141 18.9 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 71.275 ng
RT: 13.593 min Scan# 1754
Delta R.T. -0.001 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

Tgt Ion:172 Resp: 135294
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 24.3 19.9 29.9

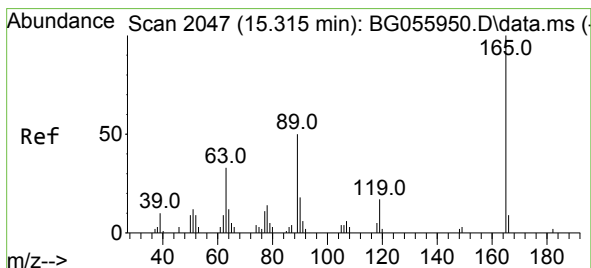
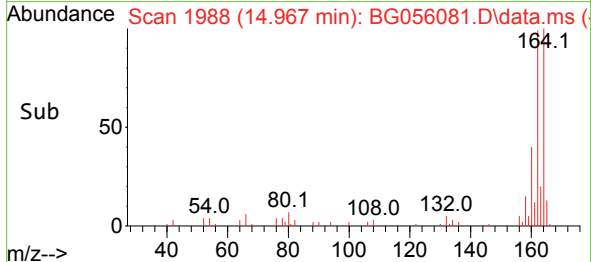
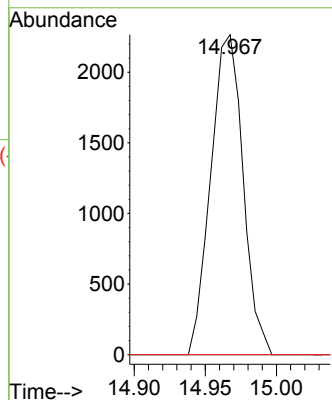
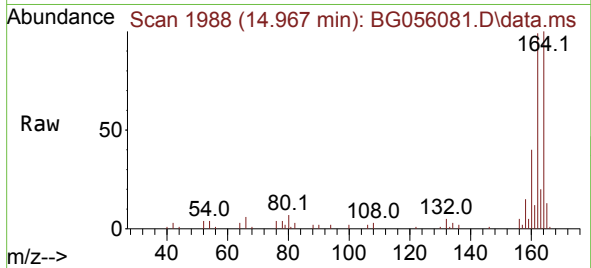




#51
2,6-Dinitrotoluene
Concen: 10.043 ng
RT: 14.967 min Scan# 1915
Delta R.T. 0.439 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

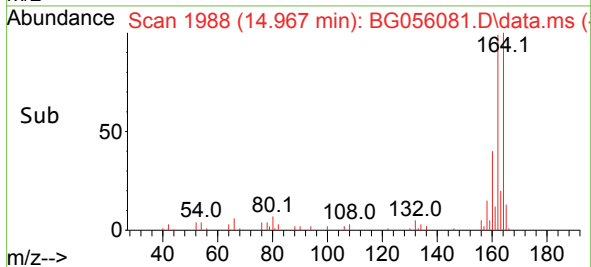
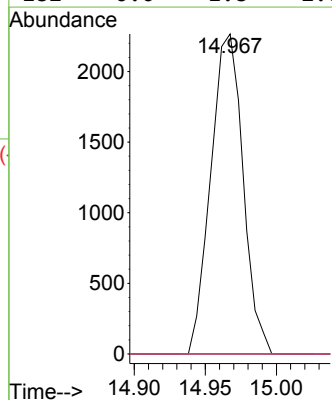
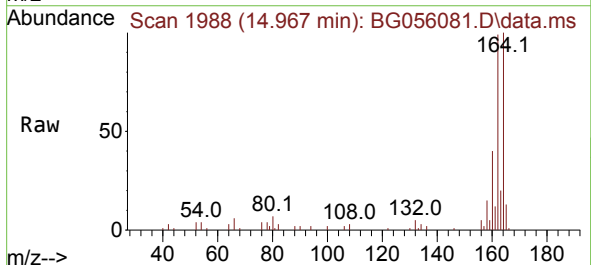
Instrument :
BNA_G
ClientSampleId :
LOCATION-1

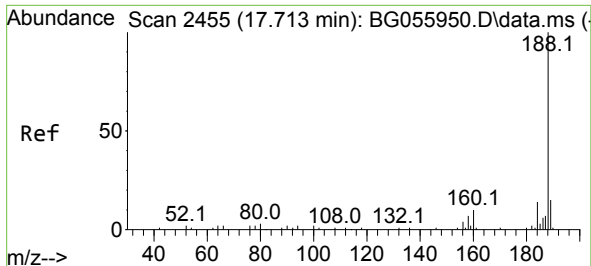
Tgt Ion:165 Resp: 3577
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.653 ng
RT: 14.967 min Scan# 1988
Delta R.T. -0.348 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

Tgt Ion:165 Resp: 3577
Ion Ratio Lower Upper
165 100
63 0.0 26.6 39.8#
89 0.0 40.1 60.1#
182 0.0 1.8 2.6#

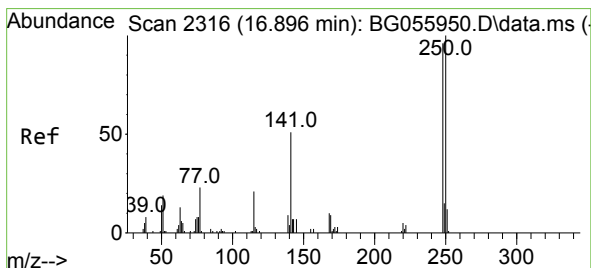
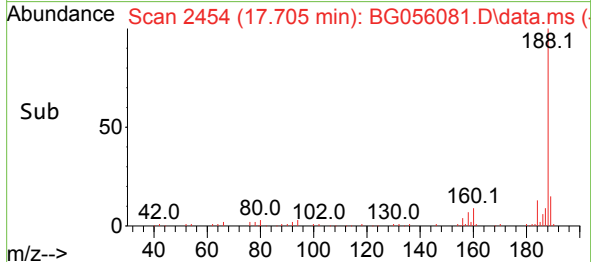
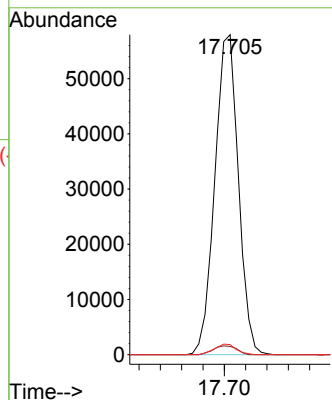
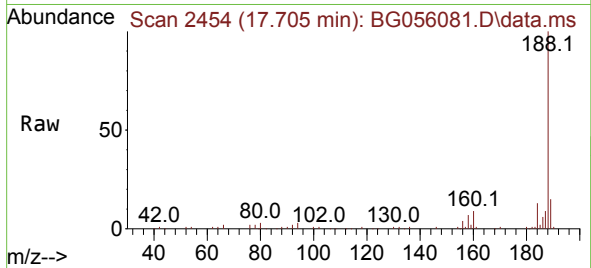




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.705 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

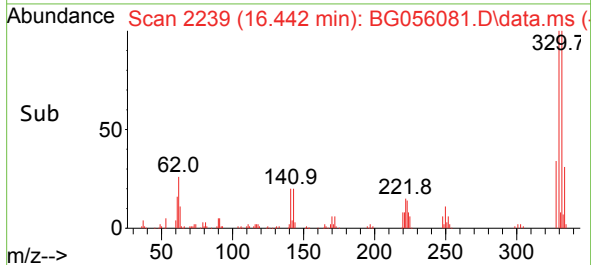
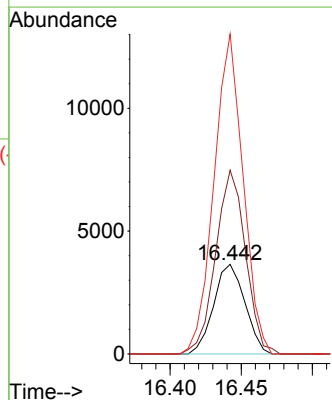
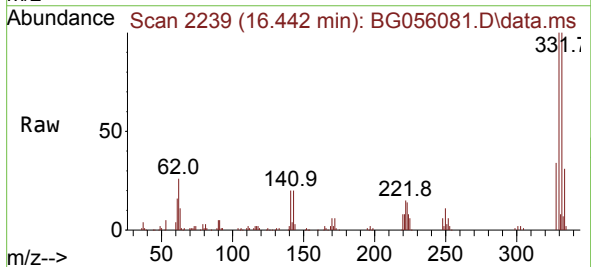
Instrument :
BNA_G
ClientSampleId :
LOCATION-1

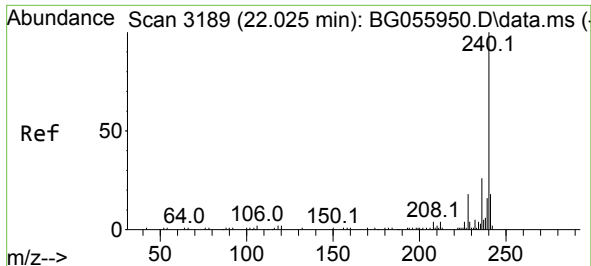
Tgt Ion:188 Resp: 88638
Ion Ratio Lower Upper
188 100
94 2.6 1.8 2.8
80 3.1 2.4 3.6



#67
4-Bromophenyl-phenylether
Concen: 4.292 ng
RT: 16.442 min Scan# 2239
Delta R.T. -0.442 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

Tgt Ion:248 Resp: 5575
Ion Ratio Lower Upper
248 100
250 205.0 83.0 124.6#
141 357.3 42.6 64.0#

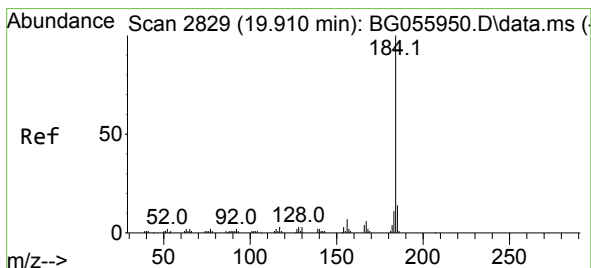
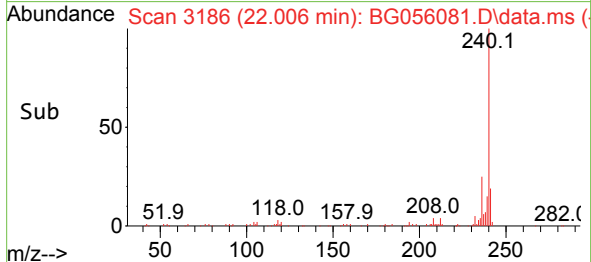
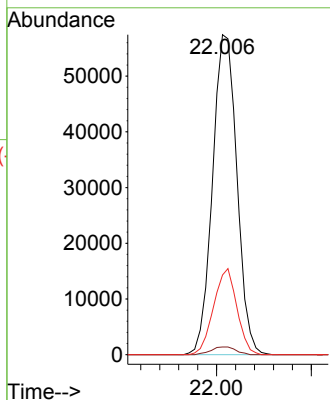
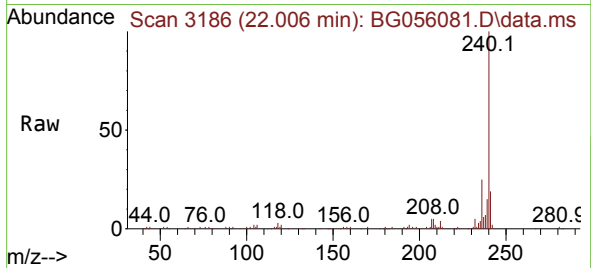




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.006 min Scan# 3186
Delta R.T. -0.007 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

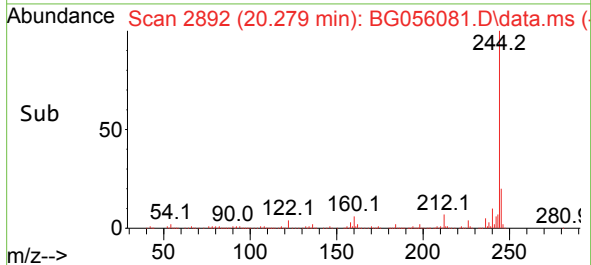
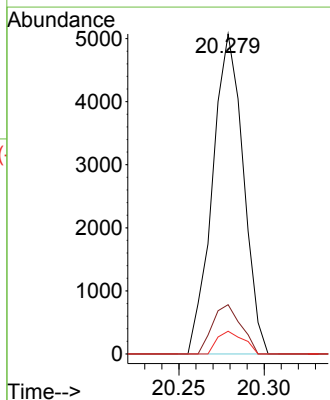
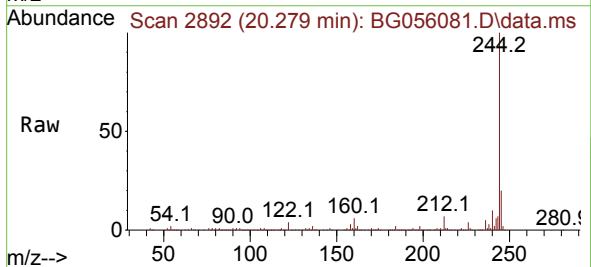
Instrument :
BNA_G
ClientSampleId :
LOCATION-1

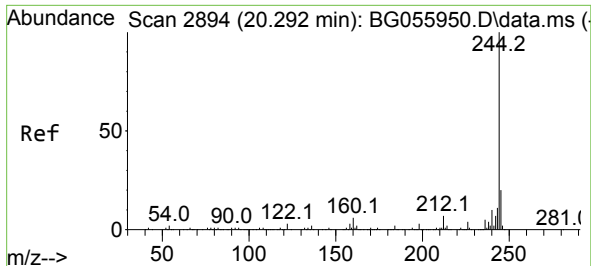
Tgt Ion:240 Resp: 102555
Ion Ratio Lower Upper
240 100
120 2.4 1.7 2.5
236 24.9 21.1 31.7



#77
Benzidine
Concen: 3.544 ng
RT: 20.279 min Scan# 2892
Delta R.T. 0.380 min
Lab File: BG056081.D
Acq: 23 Dec 2022 16:30

Tgt Ion:184 Resp: 6383
Ion Ratio Lower Upper
184 100
185 15.4 10.9 16.3
183 7.1 9.2 13.8#

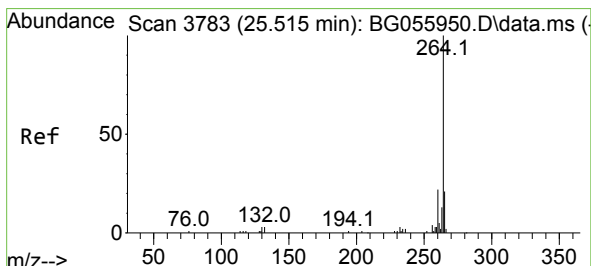
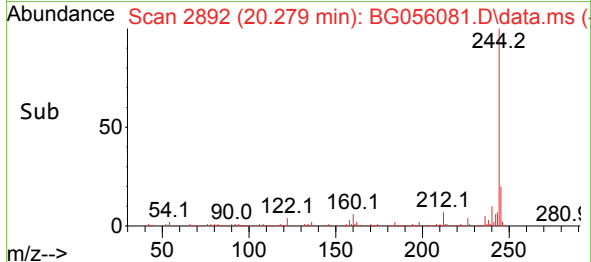
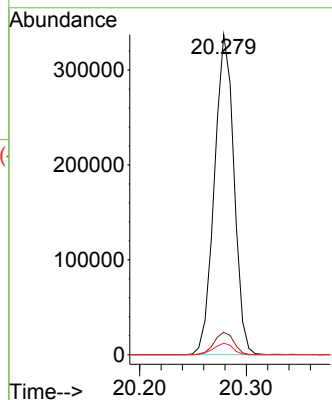
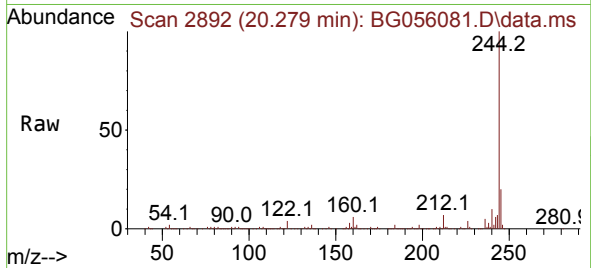




#79
 Terphenyl-d14
 Concen: 73.916 ng
 RT: 20.279 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056081.D
 Acq: 23 Dec 2022 16:30

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-1

Tgt Ion:244 Resp: 428907
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 3.6 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.496 min Scan# 3780
 Delta R.T. 0.004 min
 Lab File: BG056081.D
 Acq: 23 Dec 2022 16:30

Tgt Ion:264 Resp: 121472
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.8 26.8
 265 21.3 16.6 25.0

