

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056078.D
 Acq On : 23 Dec 2022 14:26
 Operator : CG/JU
 Sample : N6157-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221419-COMPOSITE-B

Quant Time: Dec 24 00:04:57 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)

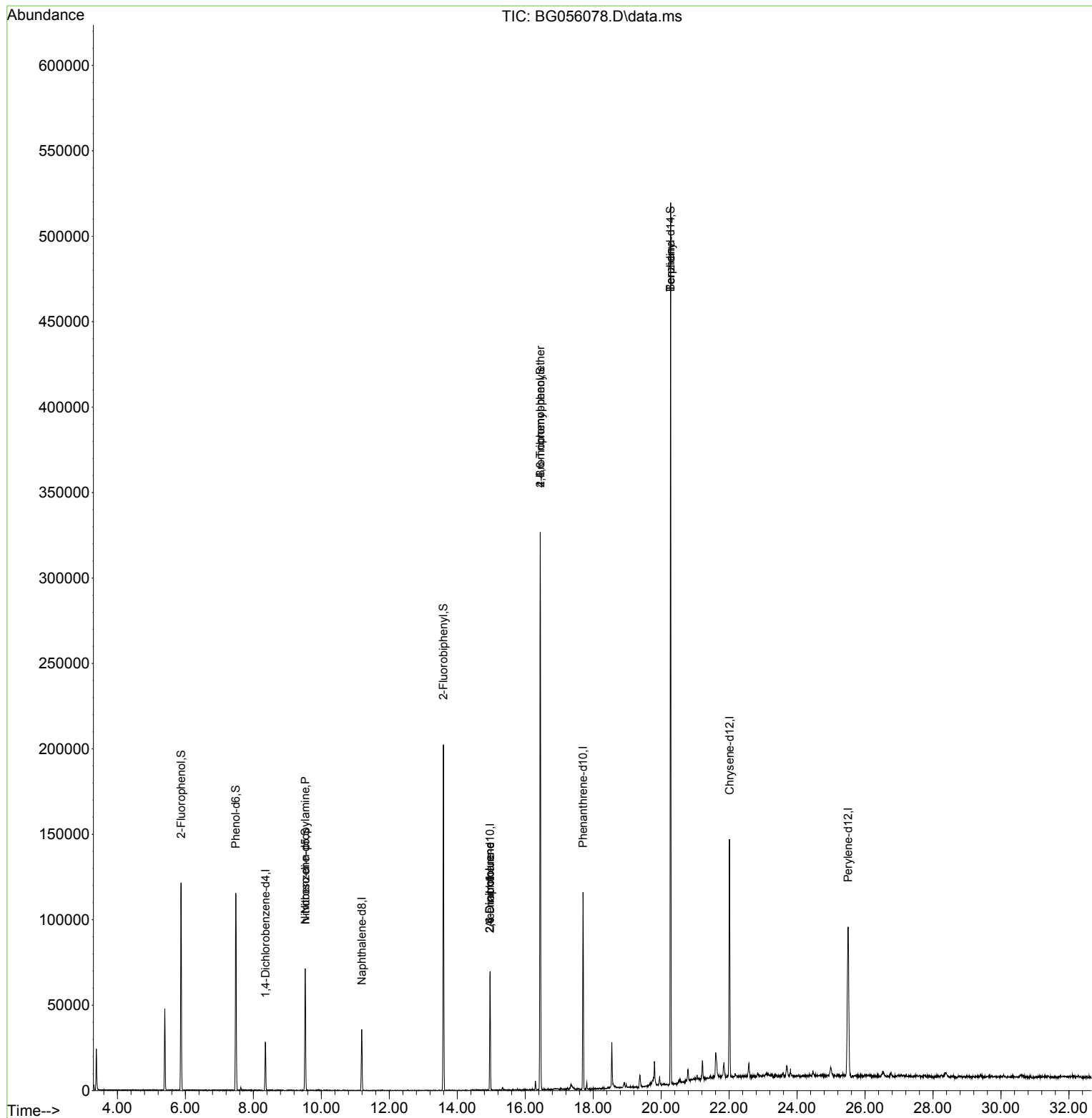
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	8915	20.000	ng	0.00
21) Naphthalene-d8	11.190	136	32042	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	27723	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	83214	20.000	ng	# 0.00
76) Chrysene-d12	22.013	240	98959	20.000	ng	# 0.00
86) Perylene-d12	25.503	264	119345	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.873	112	49629	130.554	ng	0.00
7) Phenol-d6	7.483	99	58423	119.495	ng	0.00
23) Nitrobenzene-d5	9.527	82	37687	82.194	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	87548	130.965	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	110626	55.965	ng	0.00
79) Terphenyl-d14	20.279	244	285163	50.930	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.527	70	5846	16.681	ng	# 64
51) 2,6-Dinitrotoluene	14.962	165	3385	9.126	ng	# 25
57) 2,4-Dinitrotoluene	14.962	165	3385	6.046	ng	# 35
67) 4-Bromophenyl-phenylether	16.443	248	4643	3.808	ng	# 1
77) Benzidine	20.279	184	4250	2.445	ng	# 96

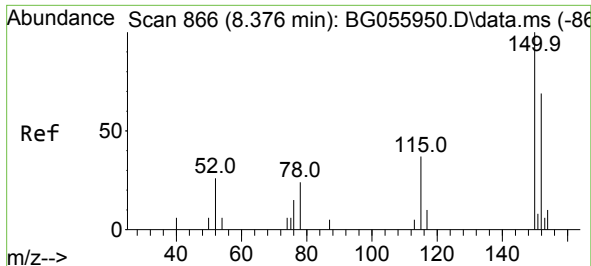
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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20221419-COMPOSITE-B

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Response via : Initial Calibration

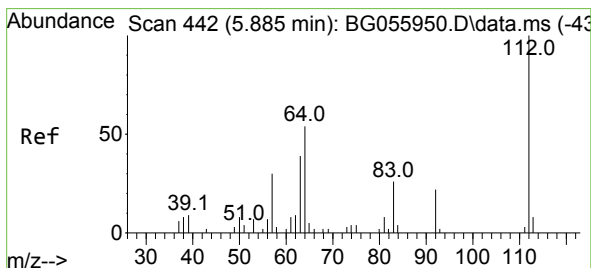
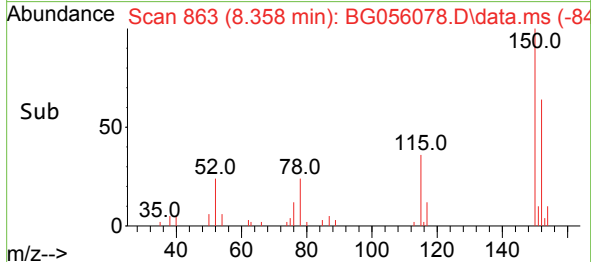
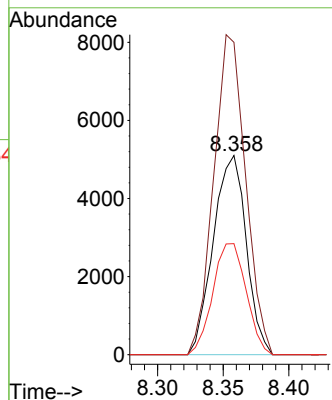
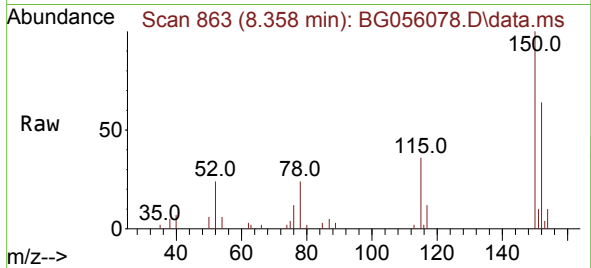




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.358 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

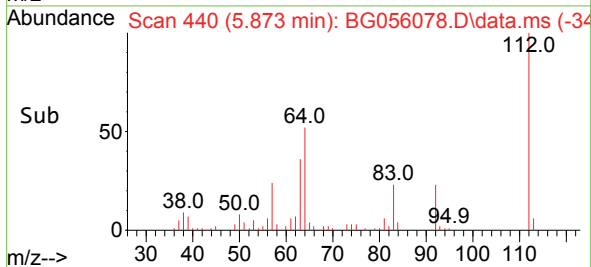
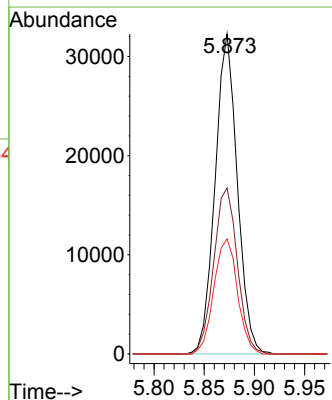
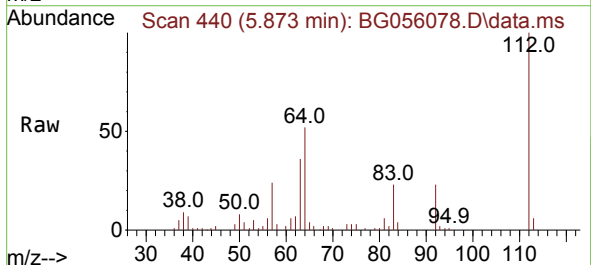
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-B

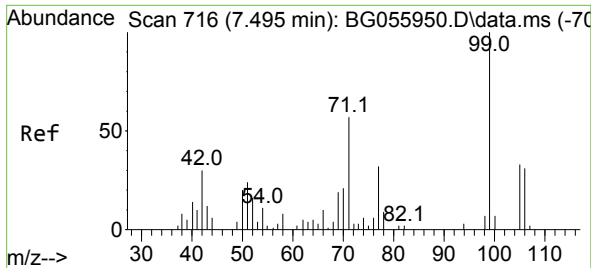
Tgt Ion:152 Resp: 8915
Ion Ratio Lower Upper
152 100
150 156.7 115.7 173.5
115 55.8 43.0 64.4



#5
2-Fluorophenol
Concen: 130.554 ng
RT: 5.873 min Scan# 440
Delta R.T. 0.005 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

Tgt Ion:112 Resp: 49629
Ion Ratio Lower Upper
112 100
64 51.9 43.0 64.4
63 36.0 31.4 47.2

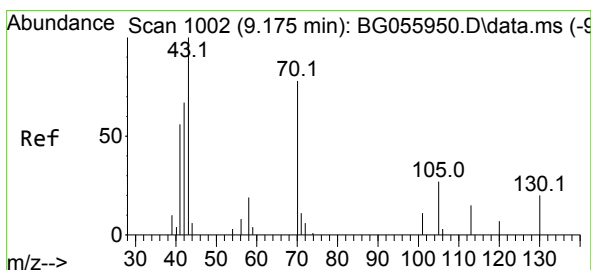
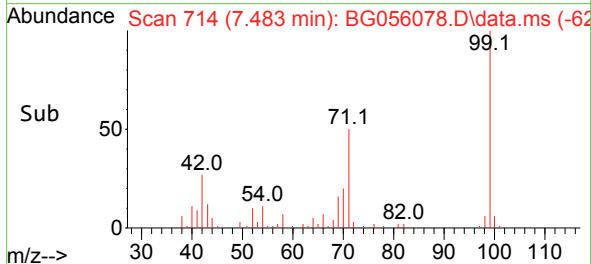
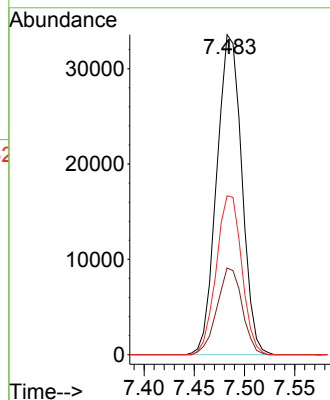
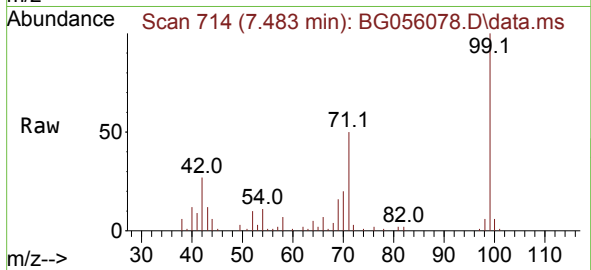




#7
Phenol-d6
Concen: 119.495 ng
RT: 7.483 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

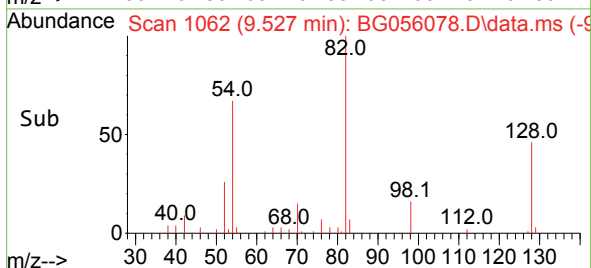
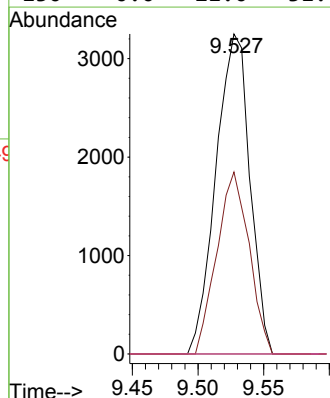
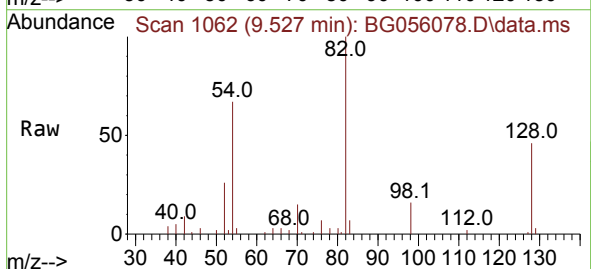
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-B

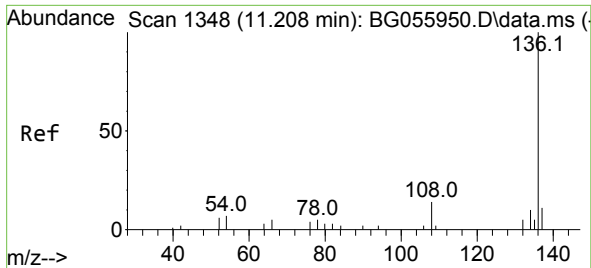
Tgt Ion: 99 Resp: 58423
Ion Ratio Lower Upper
99 100
42 27.1 24.3 36.5
71 49.7 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.681 ng
RT: 9.527 min Scan# 1062
Delta R.T. 0.369 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

Tgt Ion: 70 Resp: 5846
Ion Ratio Lower Upper
70 100
42 56.8 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

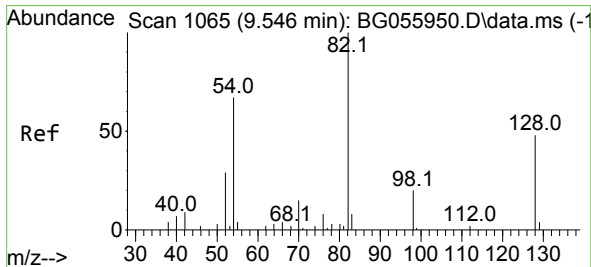
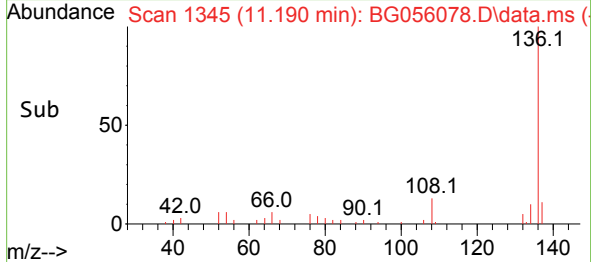
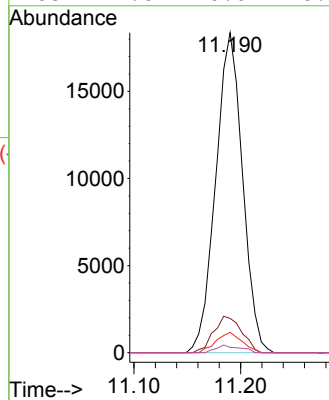
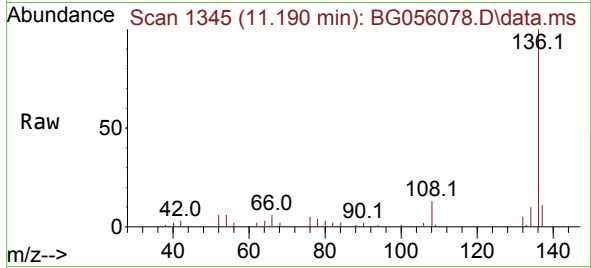




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.190 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

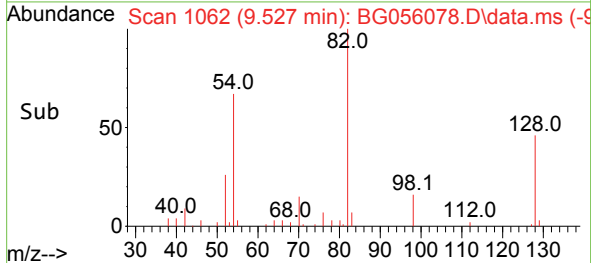
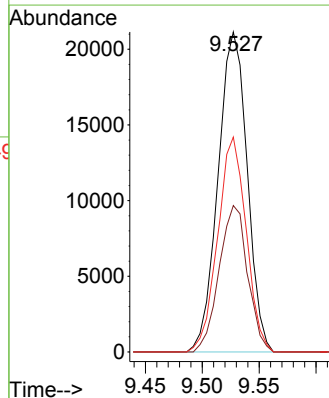
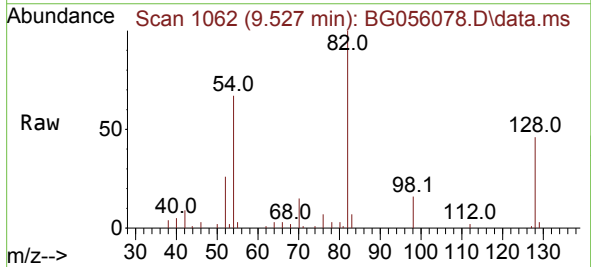
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-B

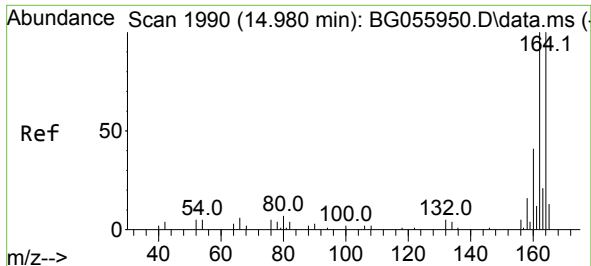
Tgt Ion:136 Resp: 32042
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 6.4 5.6 8.4
68 1.6 0.0 0.0#



#23
Nitrobenzene-d5
Concen: 82.194 ng
RT: 9.527 min Scan# 1062
Delta R.T. -0.001 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

Tgt Ion: 82 Resp: 37687
Ion Ratio Lower Upper
82 100
128 45.7 38.4 57.6
54 67.1 53.3 79.9

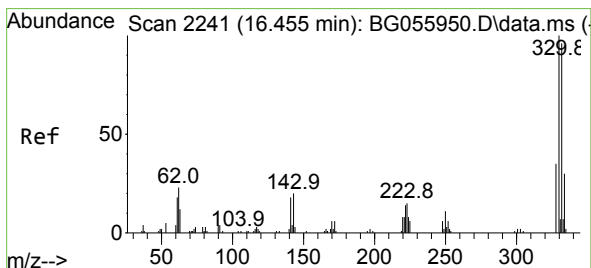
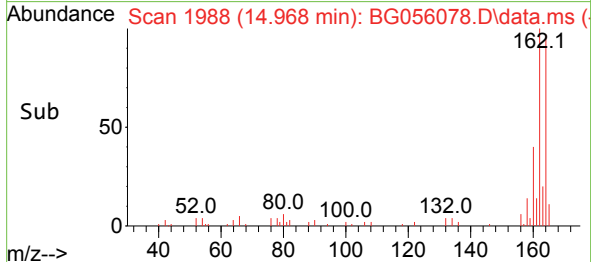
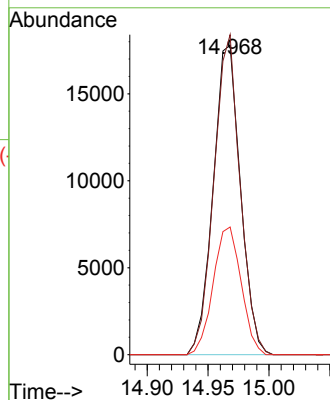
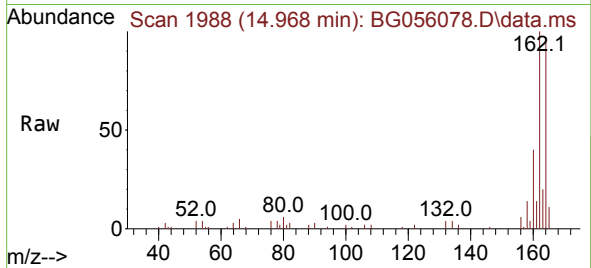




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.968 min Scan# 1988
Delta R.T. -0.001 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

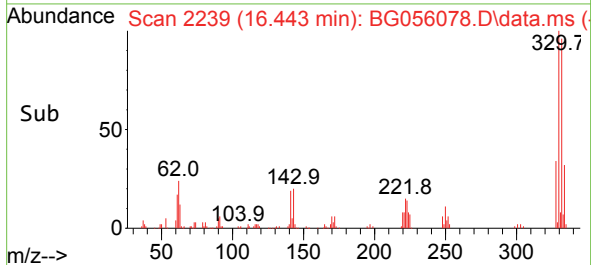
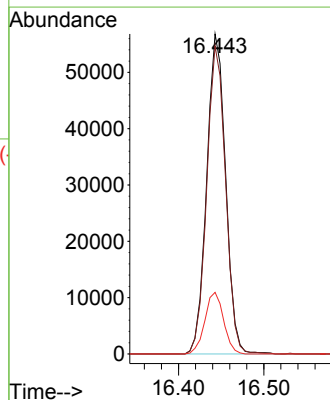
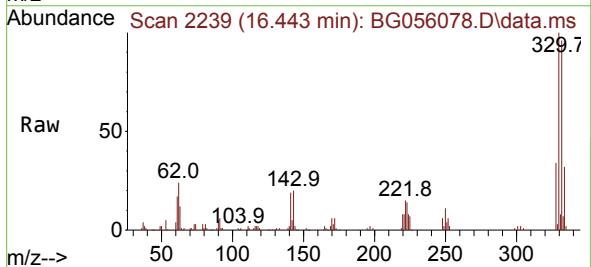
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-B

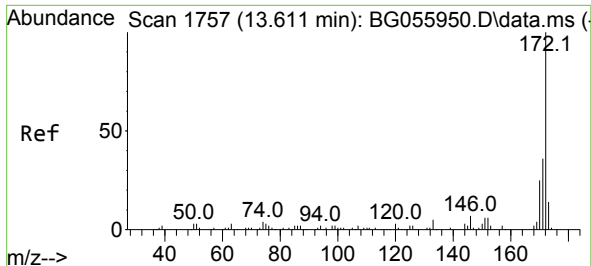
Tgt Ion:164 Resp: 27723
Ion Ratio Lower Upper
164 100
162 103.4 79.8 119.8
160 41.2 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 130.965 ng
RT: 16.443 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

Tgt Ion:330 Resp: 87548
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 19.0 15.0 22.4

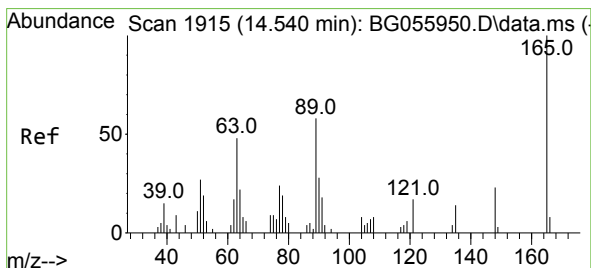
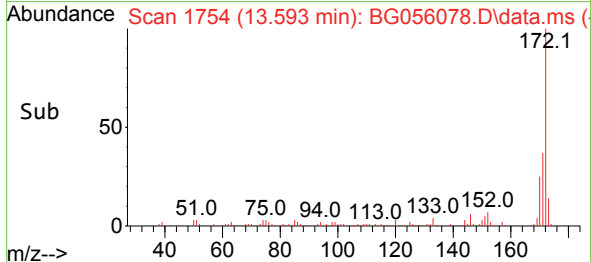
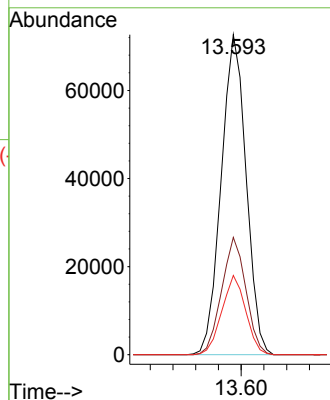
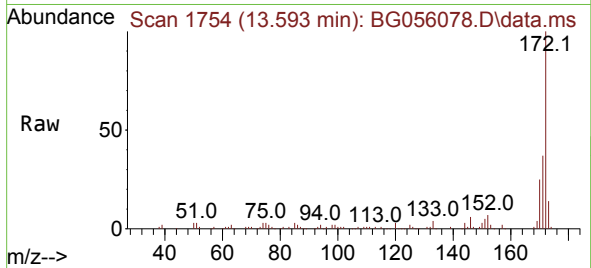




#45
2-Fluorobiphenyl
Concen: 55.965 ng
RT: 13.593 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

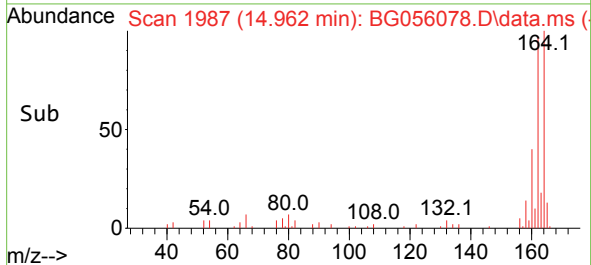
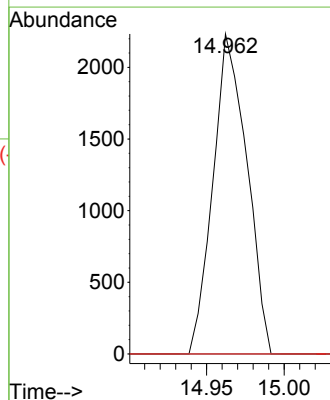
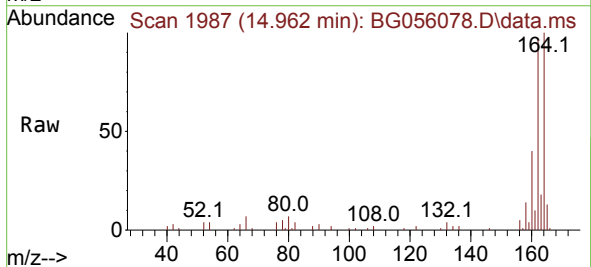
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-B

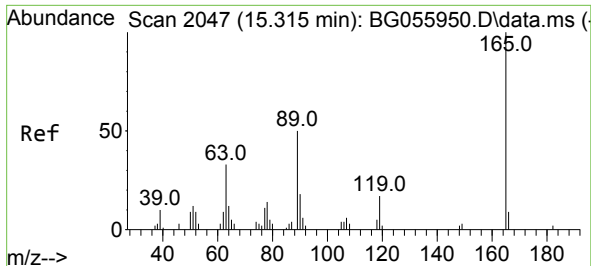
Tgt Ion:172 Resp: 110626
Ion Ratio Lower Upper
172 100
171 36.7 28.6 42.8
170 24.7 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 9.126 ng
RT: 14.962 min Scan# 1987
Delta R.T. 0.434 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

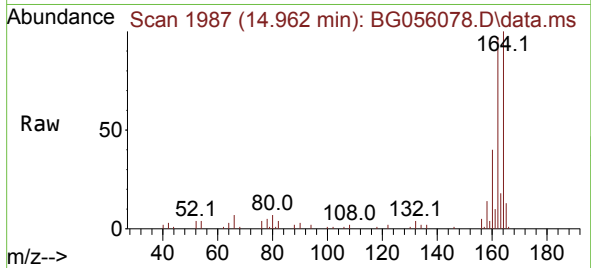
Tgt Ion:165 Resp: 3385
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



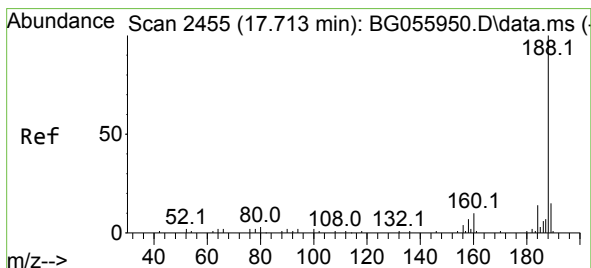
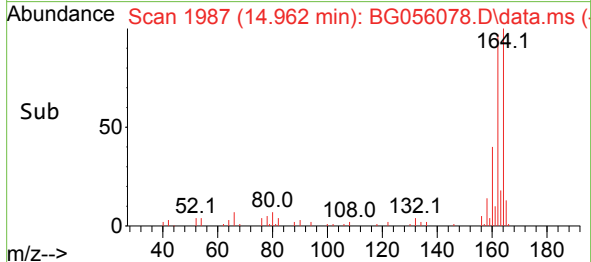
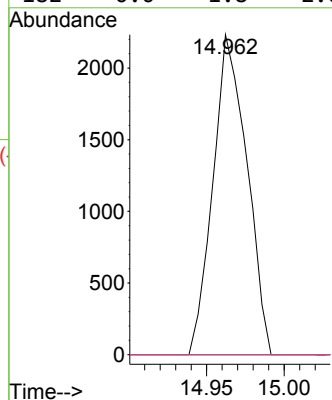


#57
2,4-Dinitrotoluene
Concen: 6.046 ng
RT: 14.962 min Scan# 1987
Delta R.T. -0.353 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-B

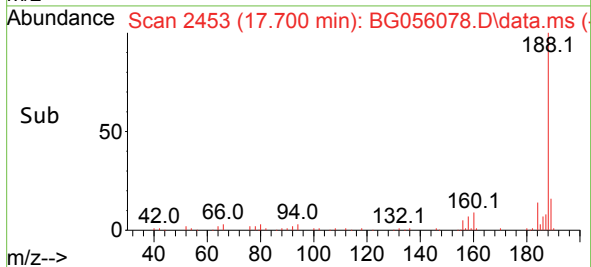
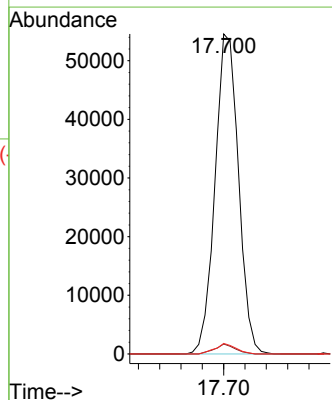
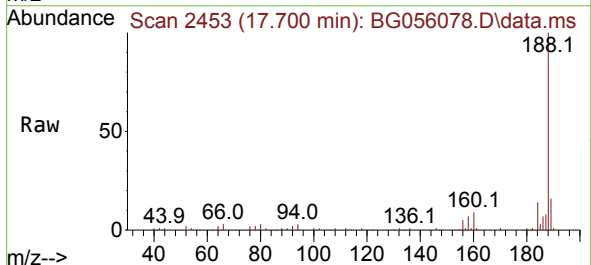


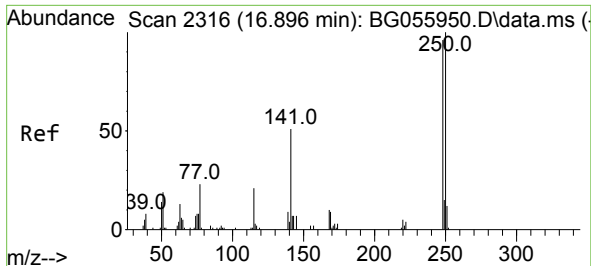
Tgt Ion:165 Resp: 3385
Ion Ratio Lower Upper
165 100
63 0.0 26.6 39.8#
89 0.0 40.1 60.1#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.700 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

Tgt Ion:188 Resp: 83214
Ion Ratio Lower Upper
188 100
94 3.1 1.8 2.8#
80 3.3 2.4 3.6

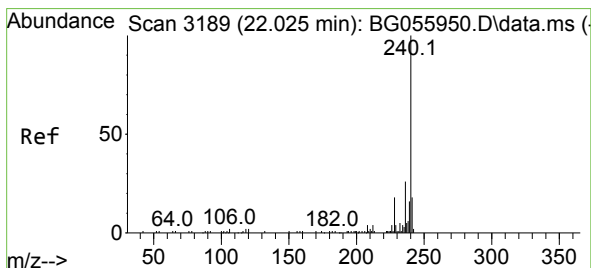
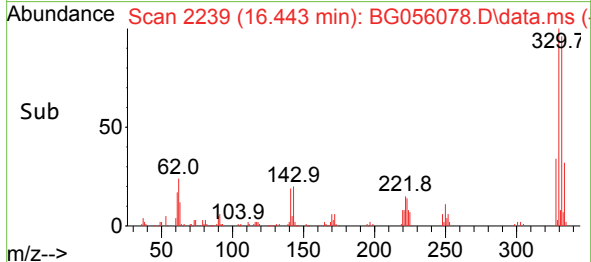
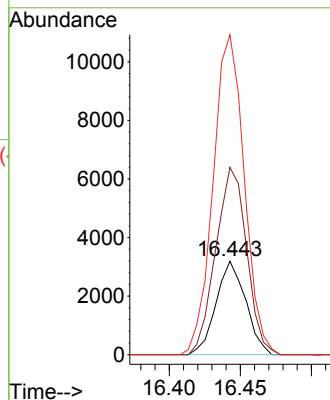
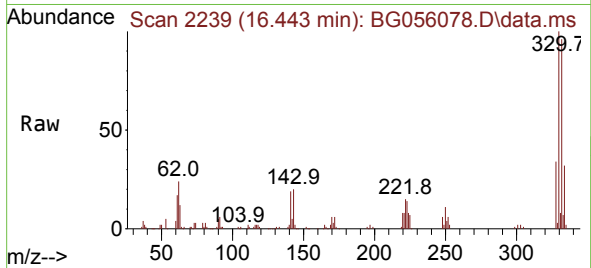




#67
4-Bromophenyl-phenylether
Concen: 3.808 ng
RT: 16.443 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

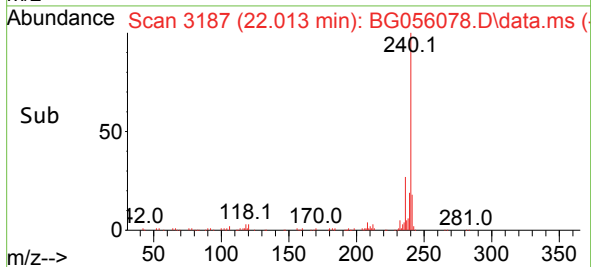
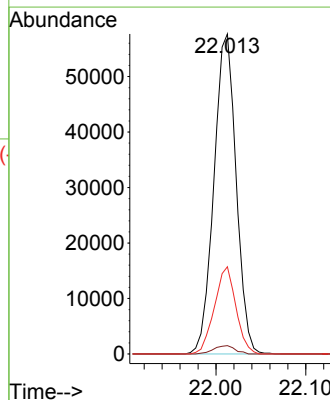
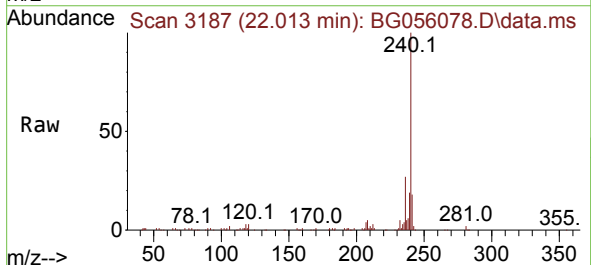
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-B

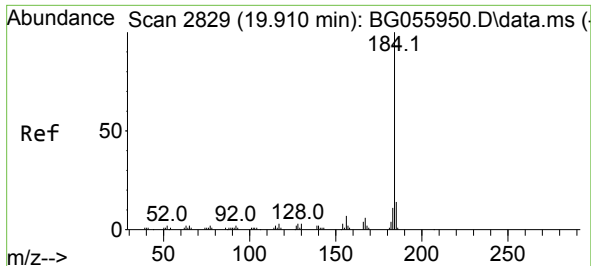
Tgt Ion:248 Resp: 4643
Ion Ratio Lower Upper
248 100
250 200.4 83.0 124.6#
141 342.2 42.6 64.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3187
Delta R.T. -0.001 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

Tgt Ion:240 Resp: 98959
Ion Ratio Lower Upper
240 100
120 2.6 1.7 2.5#
236 27.2 21.1 31.7

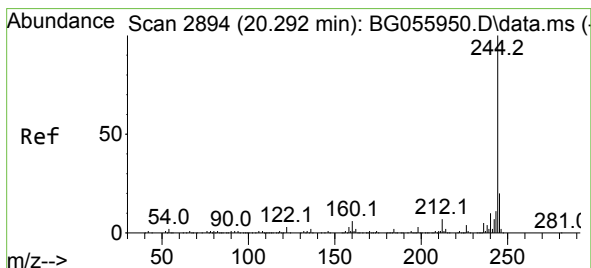
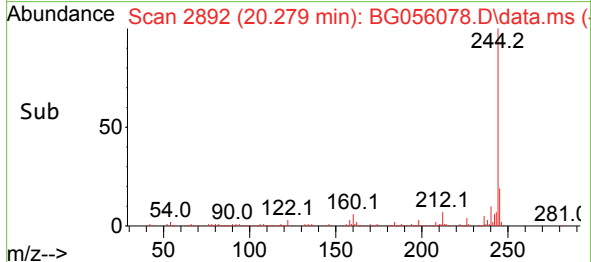
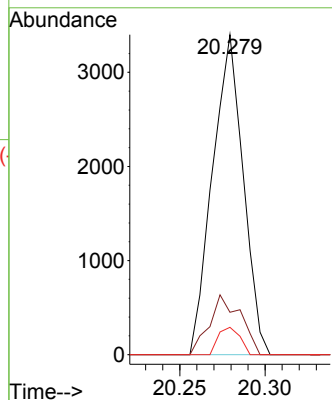
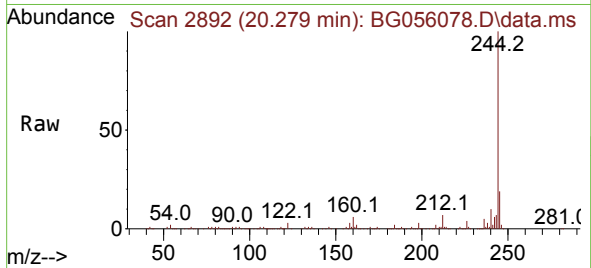




#77
Benzidine
Concen: 2.445 ng
RT: 20.279 min Scan# 2892
Delta R.T. 0.381 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

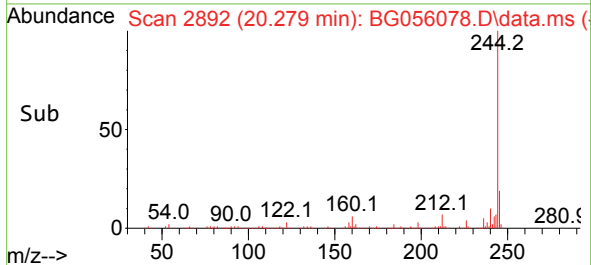
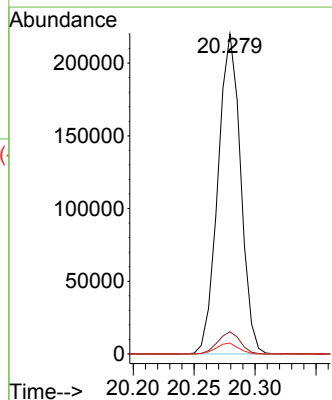
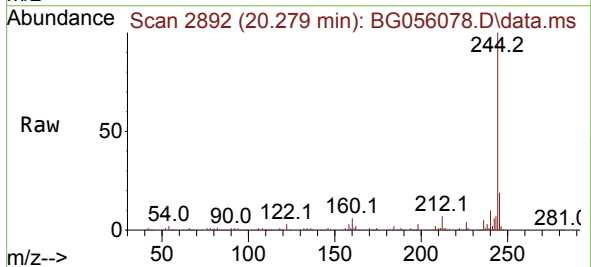
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-B

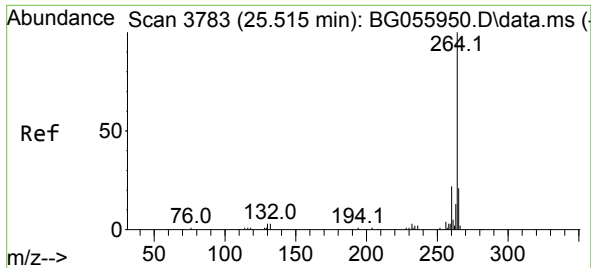
Tgt Ion:184 Resp: 4250
Ion Ratio Lower Upper
184 100
185 13.3 10.9 16.3
183 8.5 9.2 13.8#



#79
Terphenyl-d14
Concen: 50.930 ng
RT: 20.279 min Scan# 2892
Delta R.T. -0.001 min
Lab File: BG056078.D
Acq: 23 Dec 2022 14:26

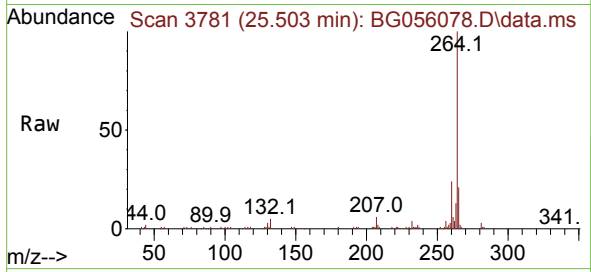
Tgt Ion:244 Resp: 285163
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 3.4 2.5 3.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.503 min Scan# 31
 Delta R.T. 0.011 min
 Lab File: BG056078.D
 Acq: 23 Dec 2022 14:26

Instrument :
 BNA_G
 ClientSampleId :
 20221419-COMPOSITE-B



Tgt Ion:264 Resp: 119345
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.8 26.8
 265 21.0 16.6 25.0

