

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122222\
 Data File : BG056069.D
 Acq On : 22 Dec 2022 19:41
 Operator : CG/JU
 Sample : PB149770BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149770BL

Quant Time: Dec 23 05:21:00 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)

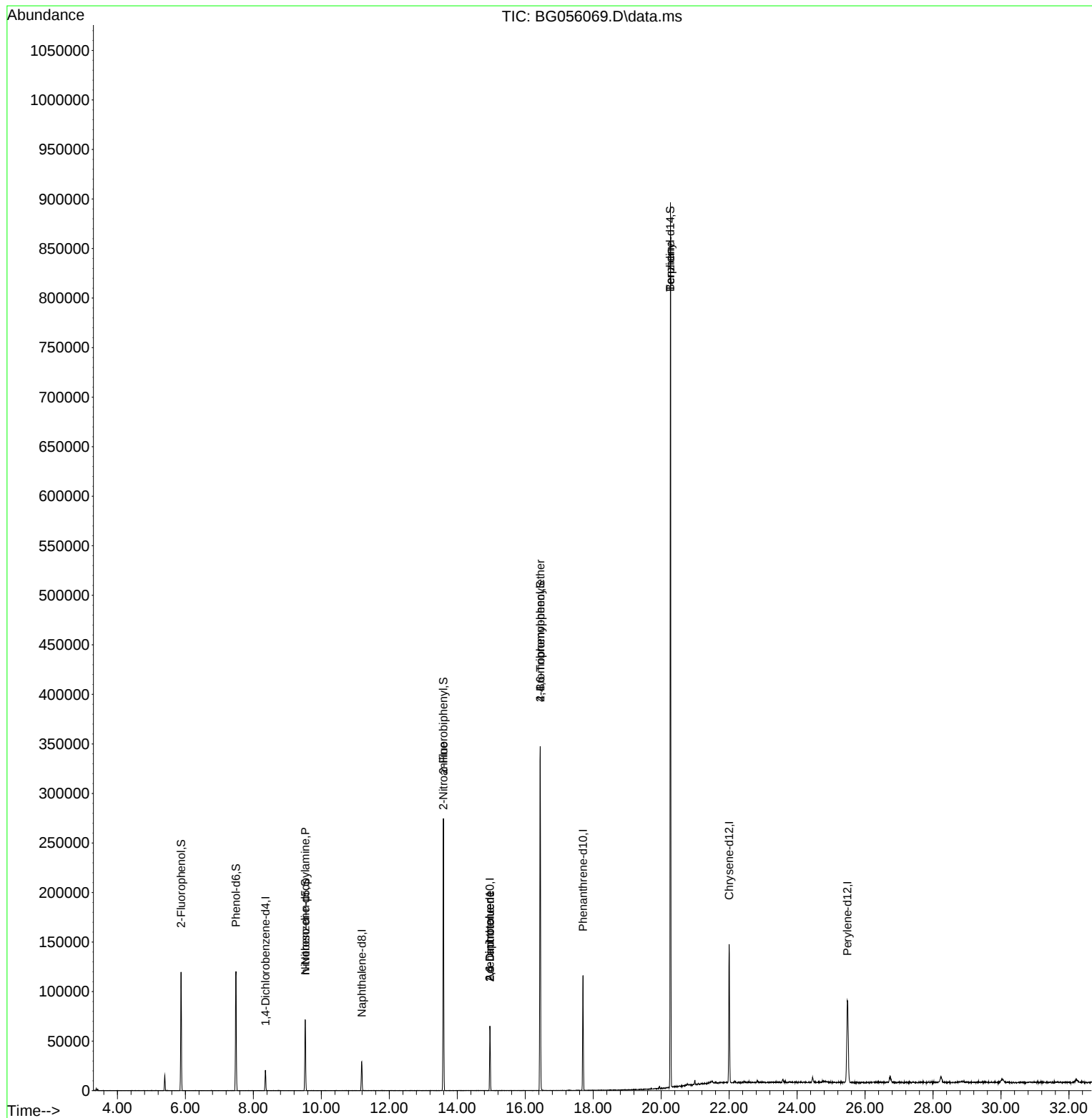
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	6986	20.000	ng	0.00
21) Naphthalene-d8	11.190	136	27058	20.000	ng	# 0.00
39) Acenaphthene-d10	14.962	164	26159	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	81239	20.000	ng	# 0.00
76) Chrysene-d12	22.001	240	104017	20.000	ng	#-0.01
86) Perylene-d12	25.479	264	111642	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.873	112	47553	159.634	ng	0.00
7) Phenol-d6	7.489	99	58568	152.869	ng	0.00
23) Nitrobenzene-d5	9.527	82	37933	97.969	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	96240	152.575	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	148701	79.724	ng	0.00
79) Terphenyl-d14	20.274	244	498463	84.696	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.527	70	6222	22.657	ng	# 63
48) 2-Nitroaniline	13.587	65	139	3.275	ng	# 1
51) 2,6-Dinitrotoluene	14.962	165	3279	9.369	ng	# 25
57) 2,4-Dinitrotoluene	14.962	165	3279	6.207	ng	# 35
67) 4-Bromophenyl-phenylether	16.443	248	5294	4.447	ng	# 1
77) Benzidine	20.274	184	7209	3.946	ng	# 90

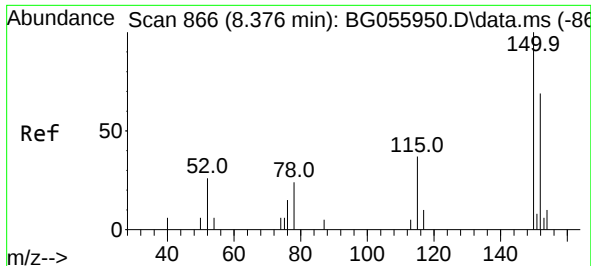
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

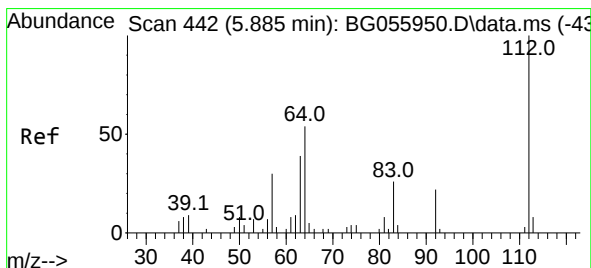
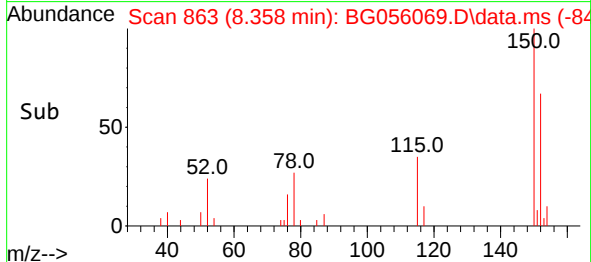
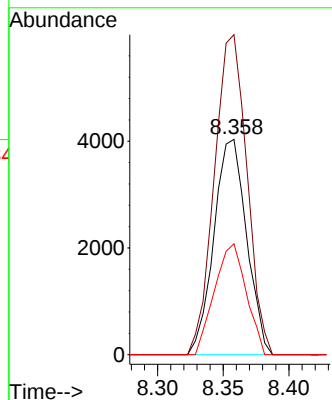
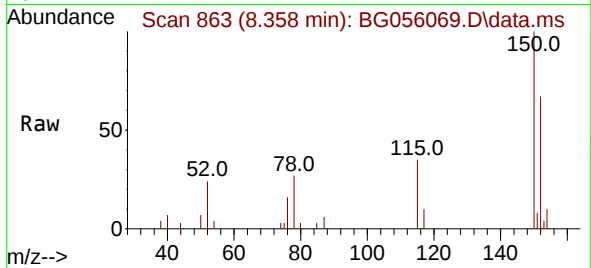




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.358 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

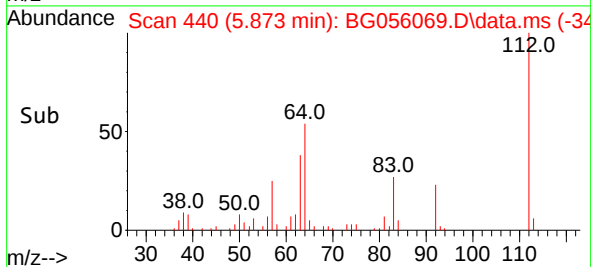
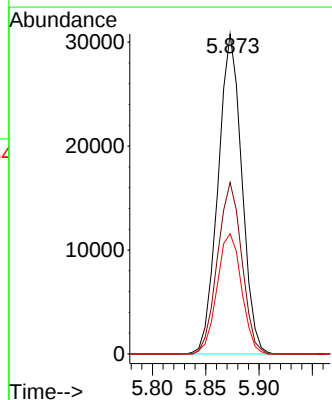
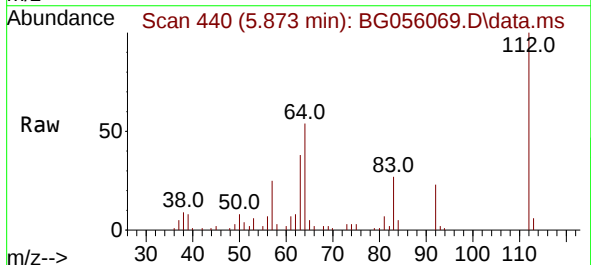
Instrument :
BNA_G
ClientSampleId :
PB149770BL

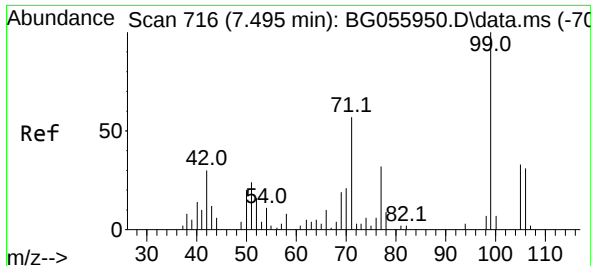
Tgt Ion:152 Resp: 6986
Ion Ratio Lower Upper
152 100
150 148.6 115.7 173.5
115 51.5 43.0 64.4



#5
2-Fluorophenol
Concen: 159.634 ng
RT: 5.873 min Scan# 440
Delta R.T. 0.005 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

Tgt Ion:112 Resp: 47553
Ion Ratio Lower Upper
112 100
64 53.6 43.0 64.4
63 37.5 31.4 47.2

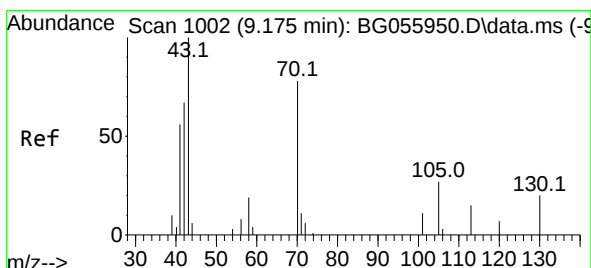
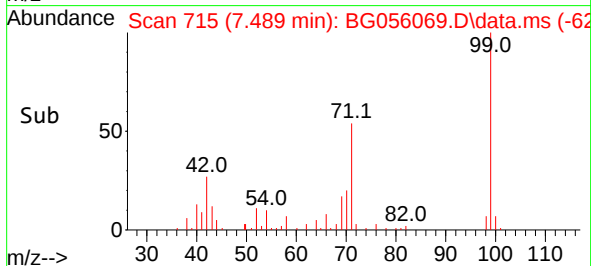
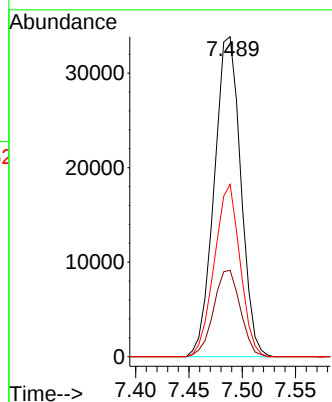
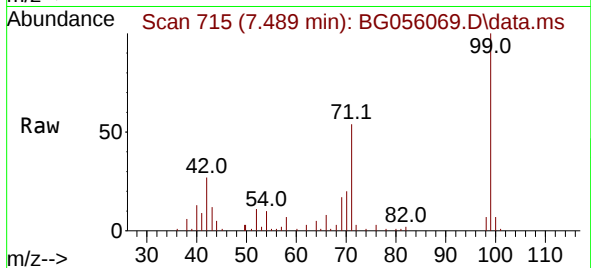




#7
Phenol-d6
Concen: 152.869 ng
RT: 7.489 min Scan# 716
Delta R.T. 0.005 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

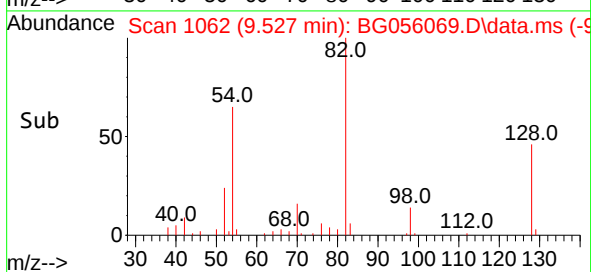
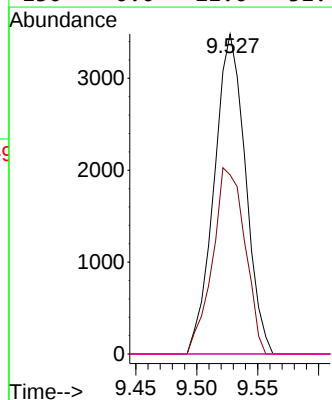
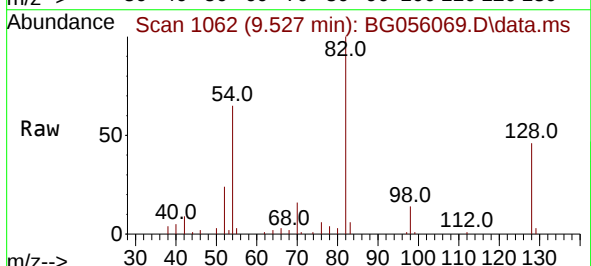
Instrument :
BNA_G
ClientSampleId :
PB149770BL

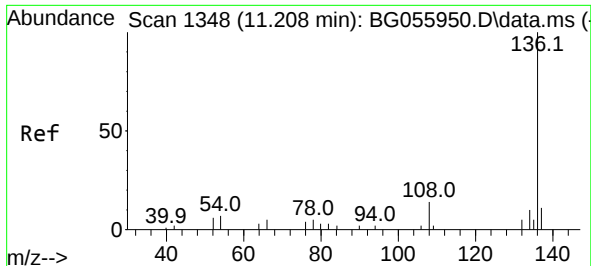
Tgt Ion: 99 Resp: 58568
Ion Ratio Lower Upper
99 100
42 27.0 24.3 36.5
71 53.9 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.657 ng
RT: 9.527 min Scan# 1062
Delta R.T. 0.369 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

Tgt Ion: 70 Resp: 6222
Ion Ratio Lower Upper
70 100
42 56.0 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#





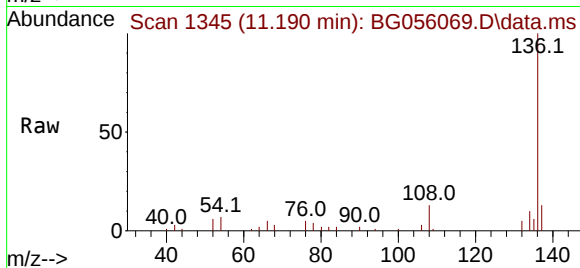
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.190 min Scan# 11190
Delta R.T. -0.001 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

Instrument :

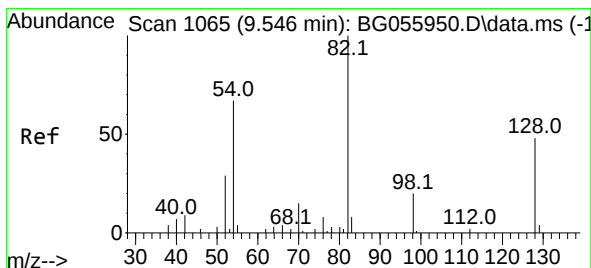
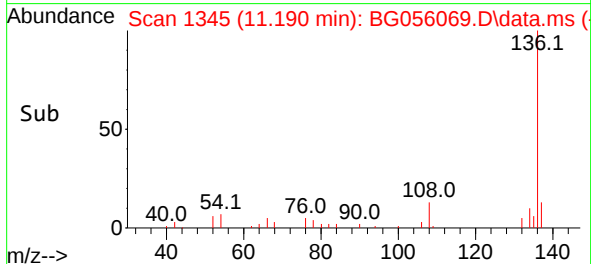
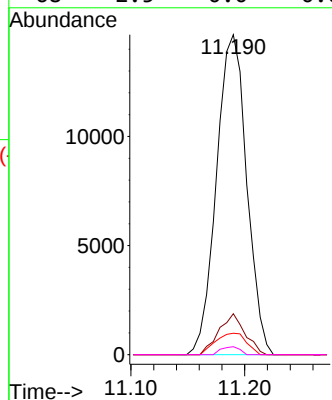
BNA_G

ClientSampleId :

PB149770BL

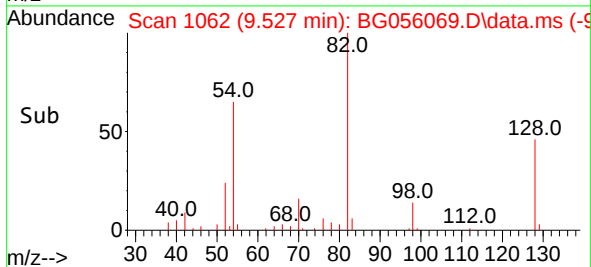
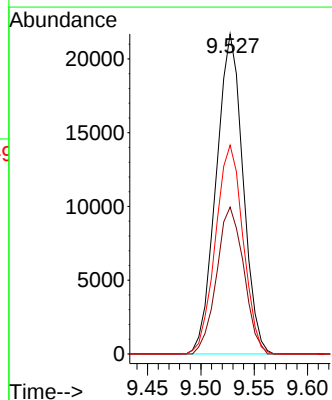
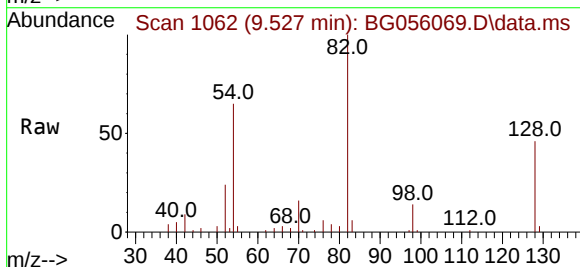


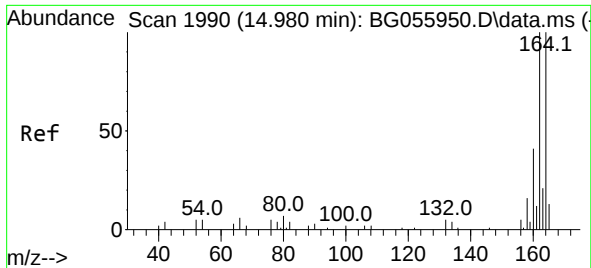
Tgt Ion:136 Resp: 27058
Ion Ratio Lower Upper
136 100
137 12.8 9.2 13.8
54 6.7 5.6 8.4
68 2.5 0.0 0.0#



#23
Nitrobenzene-d5
Concen: 97.969 ng
RT: 9.527 min Scan# 1062
Delta R.T. -0.001 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

Tgt Ion: 82 Resp: 37933
Ion Ratio Lower Upper
82 100
128 45.9 38.4 57.6
54 65.3 53.3 79.9

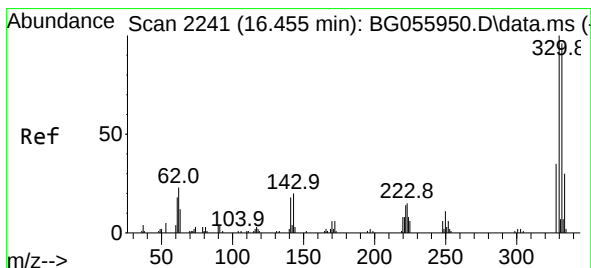
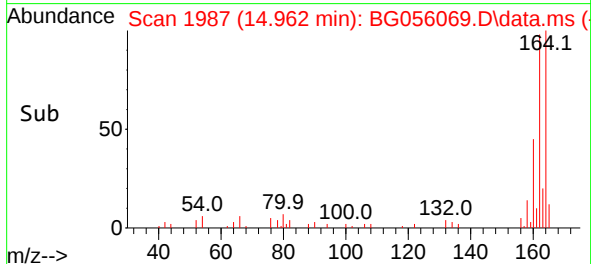
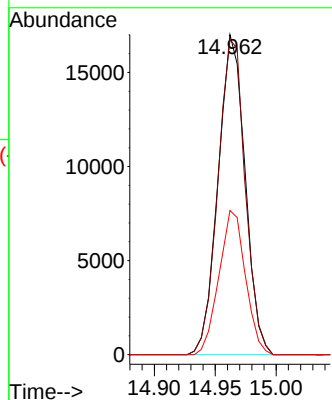
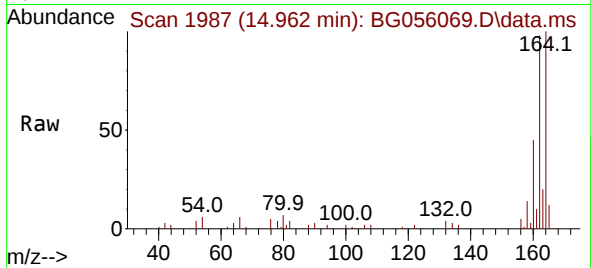




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1990
Delta R.T. -0.007 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

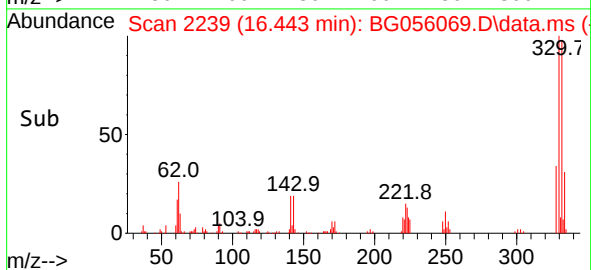
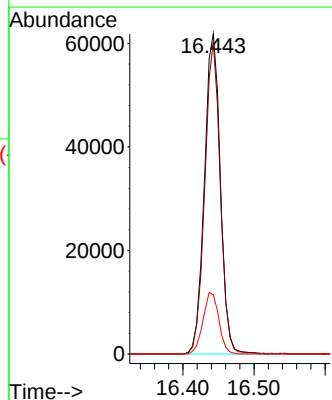
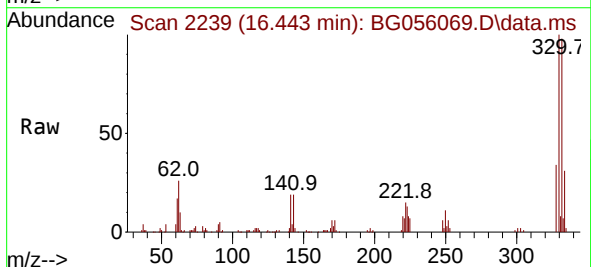
Instrument :
BNA_G
ClientSampleId :
PB149770BL

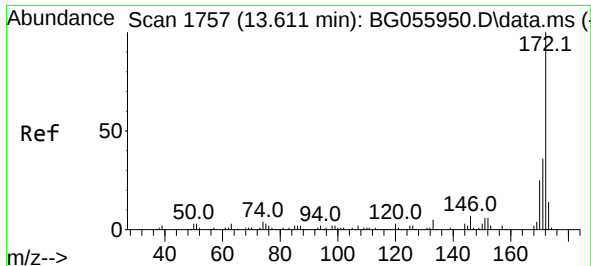
Tgt Ion:164 Resp: 26159
Ion Ratio Lower Upper
164 100
162 98.5 79.8 119.8
160 45.0 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 152.575 ng
RT: 16.443 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

Tgt Ion:330 Resp: 96240
Ion Ratio Lower Upper
330 100
332 95.0 76.6 114.8
141 19.1 15.0 22.4

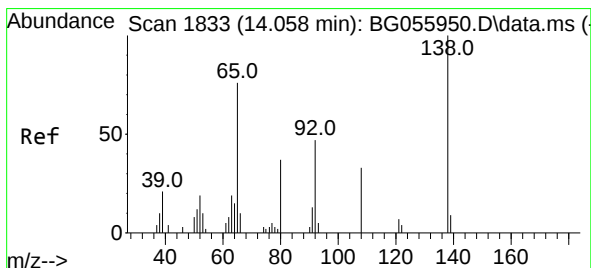
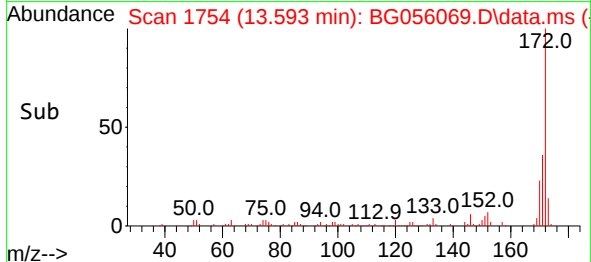
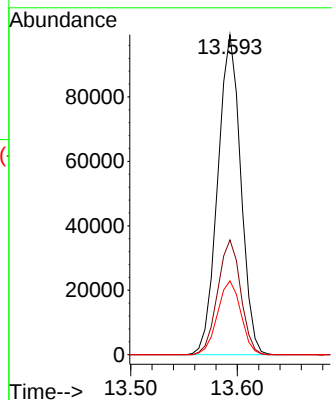
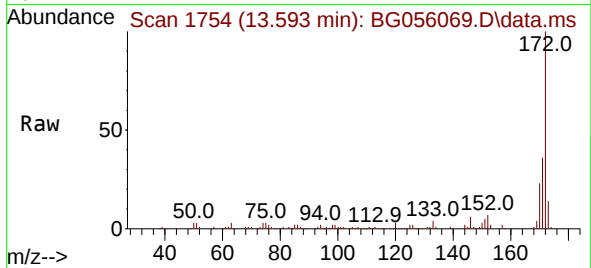




#45
2-Fluorobiphenyl
Concen: 79.724 ng
RT: 13.593 min Scan# 1754
Delta R.T. -0.001 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

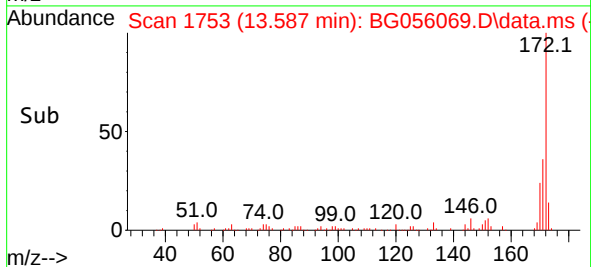
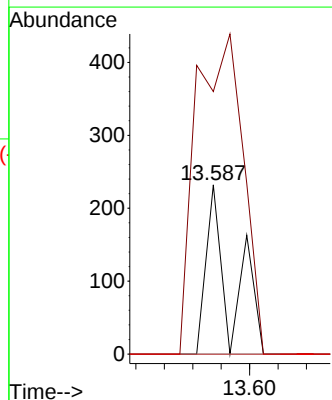
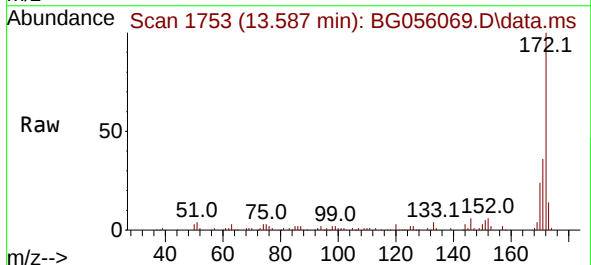
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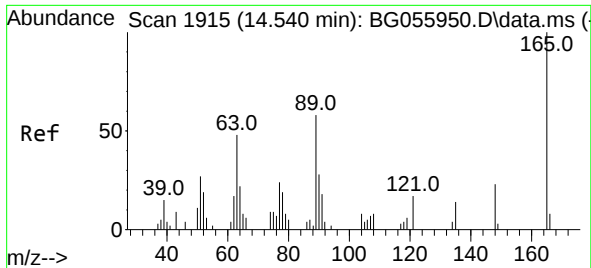
Tgt Ion:172 Resp: 148701
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.1 19.9 29.9



#48
2-Nitroaniline
Concen: 3.275 ng
RT: 13.587 min Scan# 1753
Delta R.T. -0.459 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

Tgt Ion: 65 Resp: 139
Ion Ratio Lower Upper
65 100
92 155.2 49.7 74.5#
138 0.0 105.0 157.6#

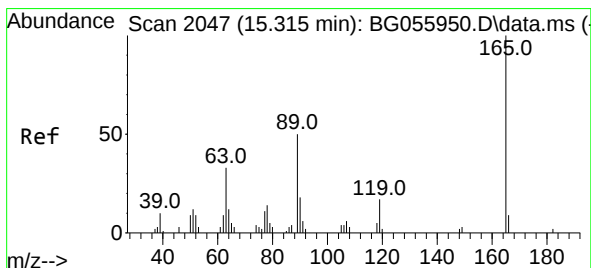
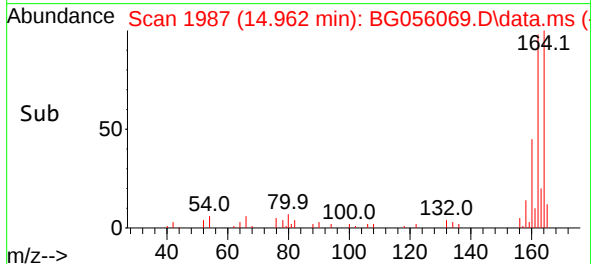
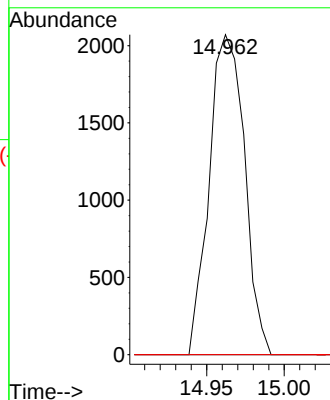
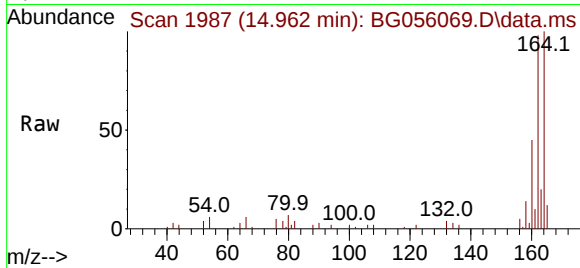




#51
2,6-Dinitrotoluene
Concen: 9.369 ng
RT: 14.962 min Scan# 1915
Delta R.T. 0.434 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

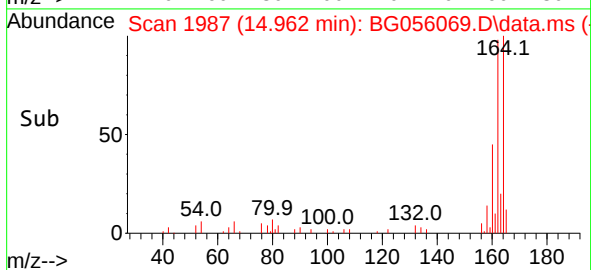
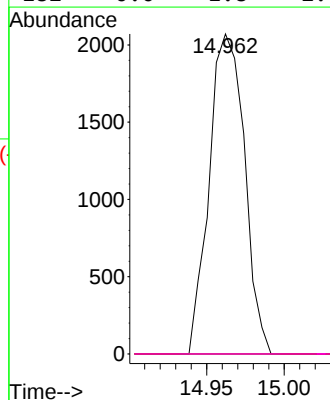
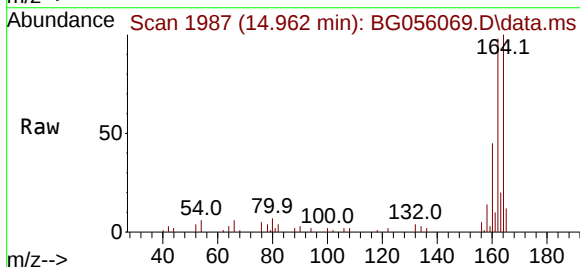
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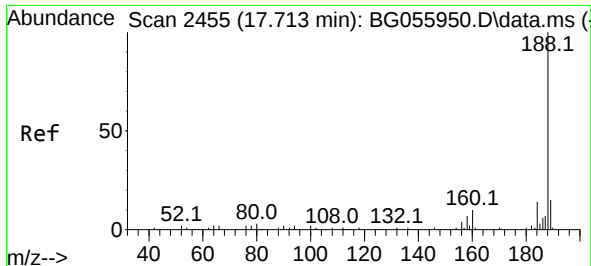
Tgt Ion:165 Resp: 3279
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.207 ng
RT: 14.962 min Scan# 1987
Delta R.T. -0.353 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

Tgt Ion:165 Resp: 3279
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#

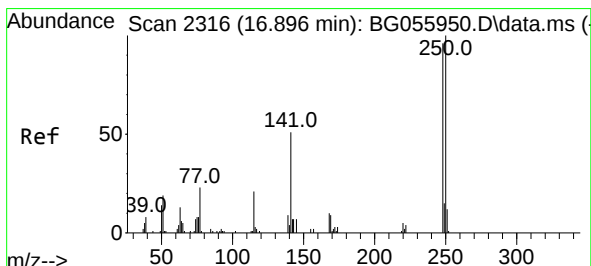
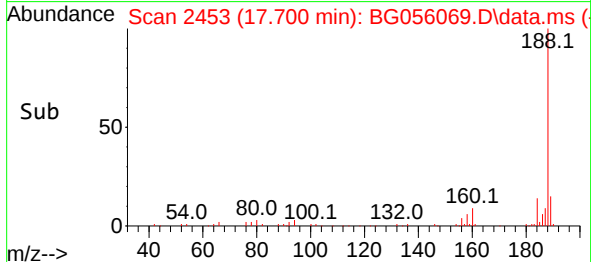
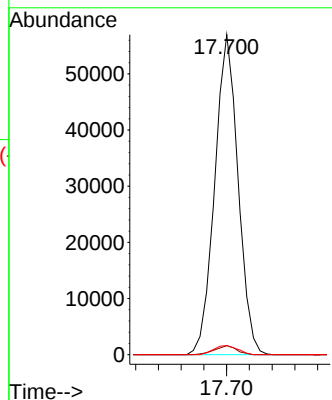
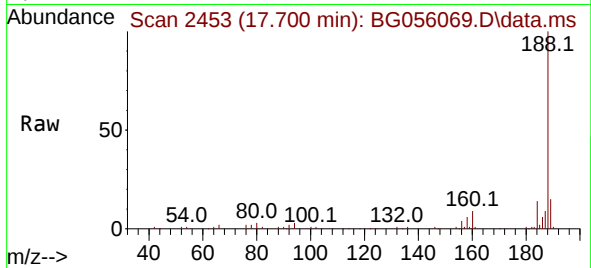




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.700 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

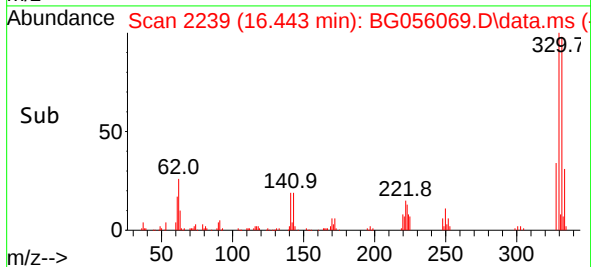
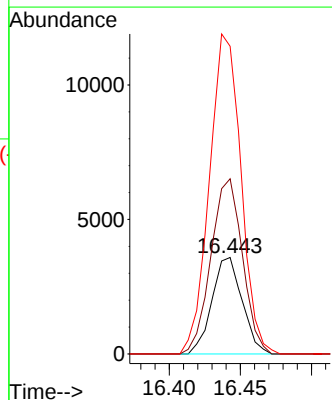
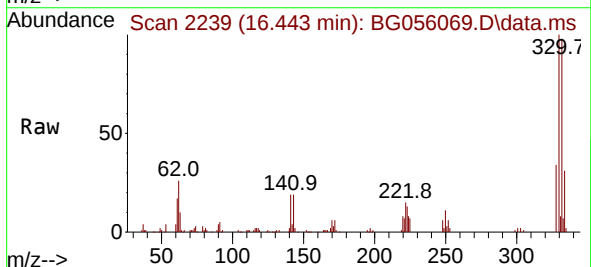
Instrument :
BNA_G
ClientSampleId :
PB149770BL

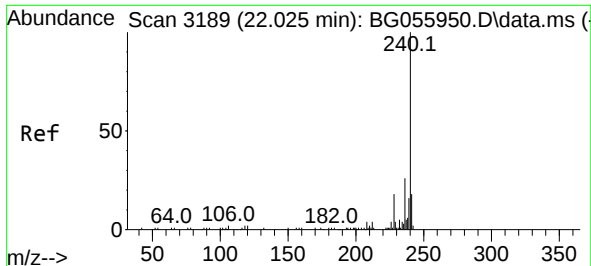
Tgt Ion:188 Resp: 81239
Ion Ratio Lower Upper
188 100
94 2.8 1.8 2.8#
80 2.9 2.4 3.6



#67
4-Bromophenyl-phenylether
Concen: 4.447 ng
RT: 16.443 min Scan# 2239
Delta R.T. -0.442 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

Tgt Ion:248 Resp: 5294
Ion Ratio Lower Upper
248 100
250 181.5 83.0 124.6#
141 318.9 42.6 64.0#

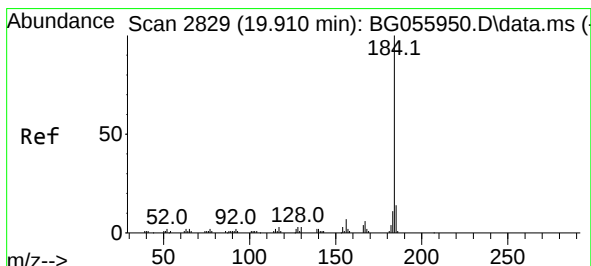
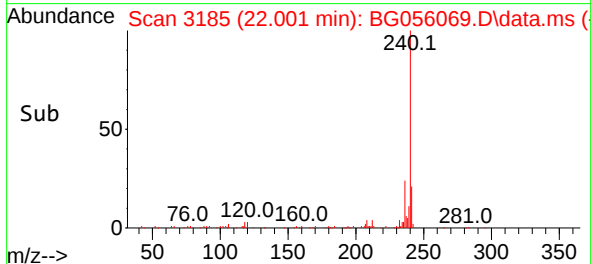
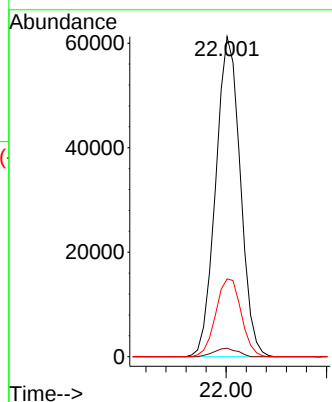
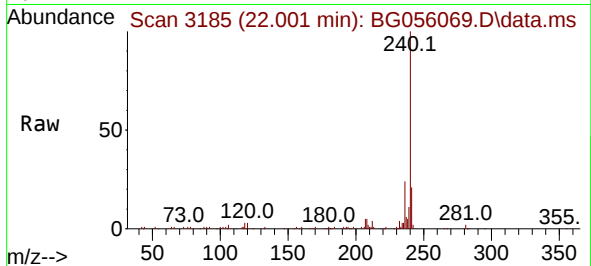




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 3189
Delta R.T. -0.013 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

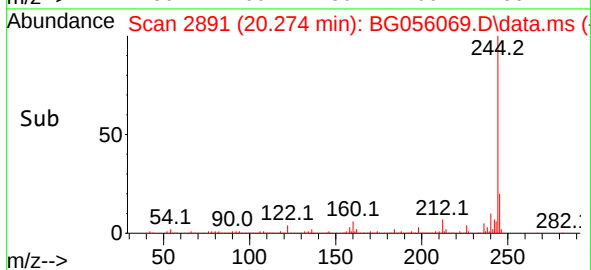
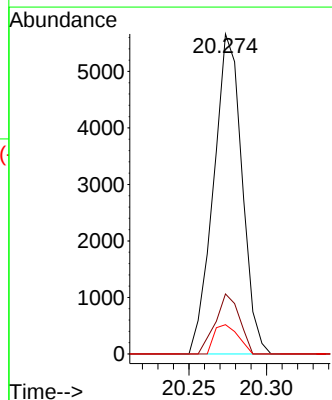
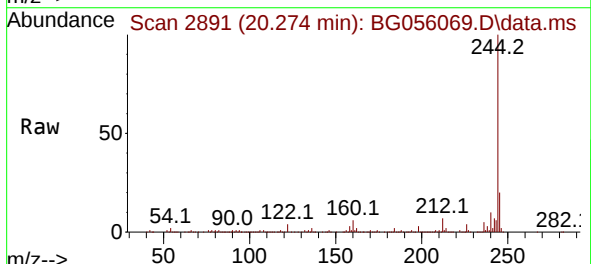
Instrument :
BNA_G
ClientSampleId :
PB149770BL

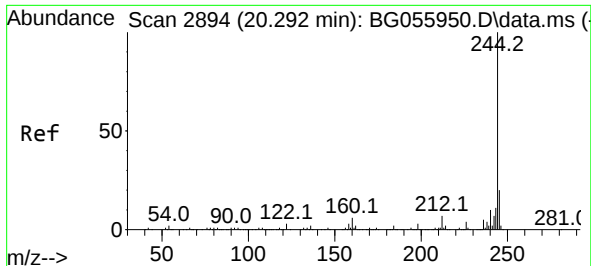
Tgt Ion:240 Resp: 104017
Ion Ratio Lower Upper
240 100
120 2.7 1.7 2.5#
236 24.3 21.1 31.7



#77
Benzidine
Concen: 3.946 ng
RT: 20.274 min Scan# 2891
Delta R.T. 0.375 min
Lab File: BG056069.D
Acq: 22 Dec 2022 19:41

Tgt Ion:184 Resp: 7209
Ion Ratio Lower Upper
184 100
185 18.8 10.9 16.3#
183 9.1 9.2 13.8#

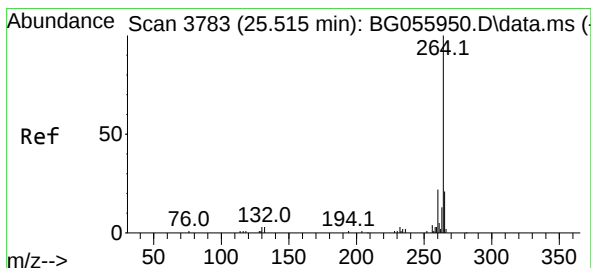
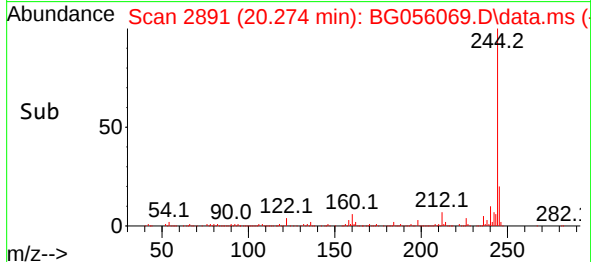
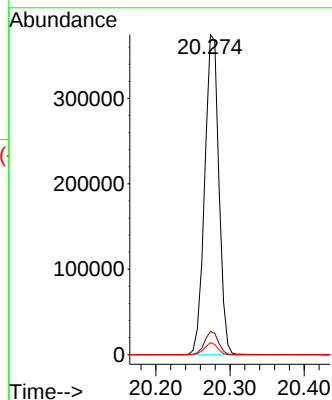
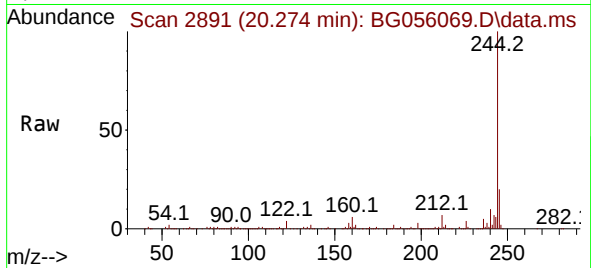




#79
 Terphenyl-d14
 Concen: 84.696 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG056069.D
 Acq: 22 Dec 2022 19:41

Instrument :
 BNA_G
 ClientSampleId :
 PB149770BL

Tgt Ion:244 Resp: 498463
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 3.8 2.5 3.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.479 min Scan# 3777
 Delta R.T. -0.013 min
 Lab File: BG056069.D
 Acq: 22 Dec 2022 19:41

Tgt Ion:264 Resp: 111642
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.8
 265 21.7 16.6 25.0

