

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122222\
 Data File : BG056062.D
 Acq On : 22 Dec 2022 14:48
 Operator : CG/JU
 Sample : N6126-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)

Quant Time: Dec 23 05:16:26 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)

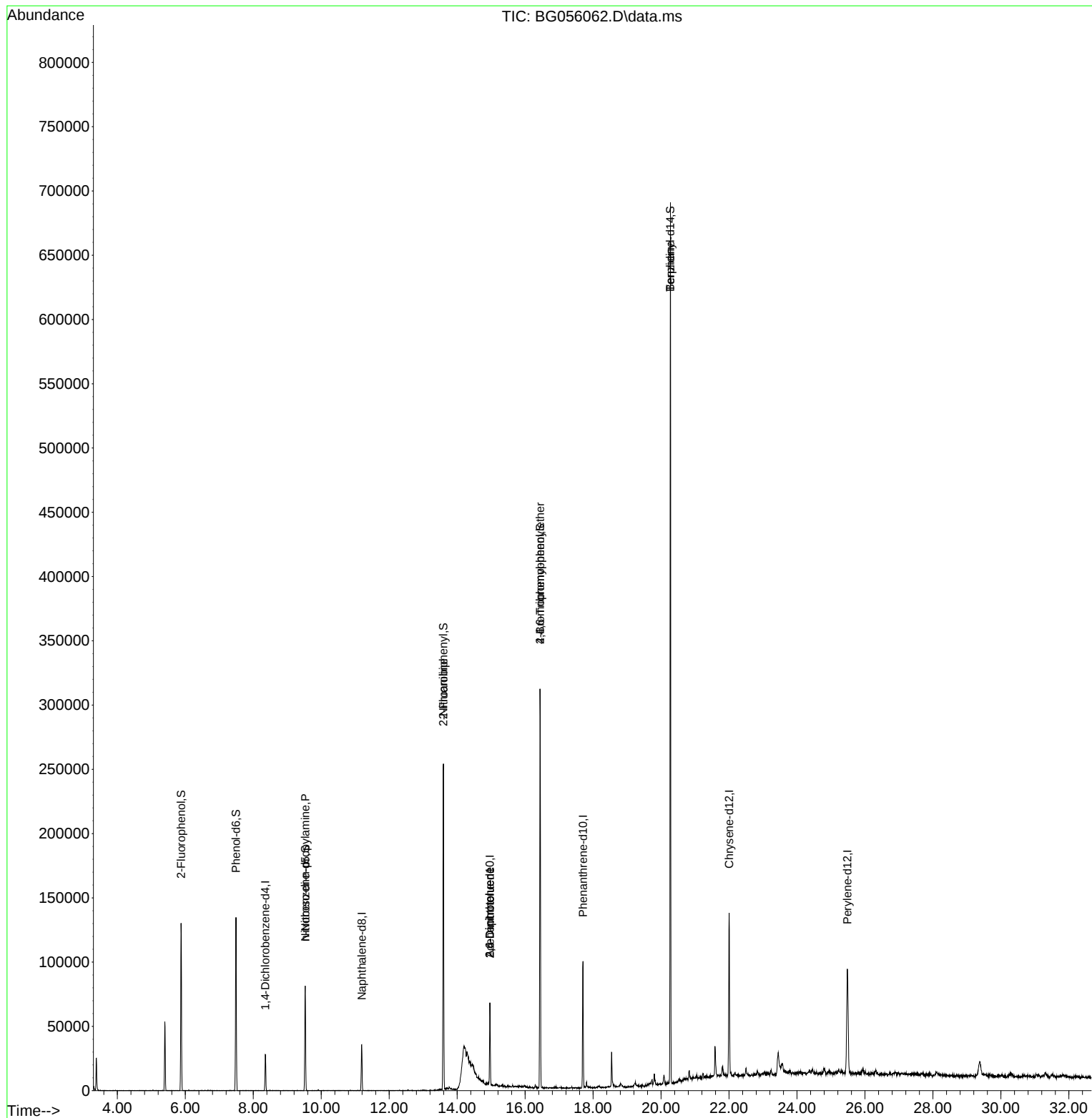
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	9210	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	31978	20.000	ng	# 0.00
39) Acenaphthene-d10	14.963	164	23455	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	71578	20.000	ng	# 0.00
76) Chrysene-d12	22.002	240	88145	20.000	ng	#-0.01
86) Perylene-d12	25.480	264	106912	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.874	112	53505	136.242	ng	0.00
7) Phenol-d6	7.489	99	62201	123.147	ng	0.00
23) Nitrobenzene-d5	9.528	82	42901	93.752	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	82536	145.934	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	141708	84.734	ng	0.00
79) Terphenyl-d14	20.274	244	360793	72.342	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.528	70	6350	17.539	ng	# 61
48) 2-Nitroaniline	13.588	65	133	3.306	ng	# 1
51) 2,6-Dinitrotoluene	14.963	165	3127	9.965	ng	# 25
57) 2,4-Dinitrotoluene	14.963	165	3127	6.602	ng	# 35
67) 4-Bromophenyl-phenylether	16.438	248	4611	4.396	ng	# 1
77) Benzidine	20.274	184	5192	3.354	ng	# 80

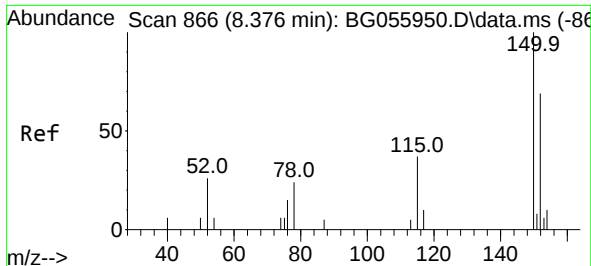
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 23 05:09:54 2022
Response via : Initial Calibration

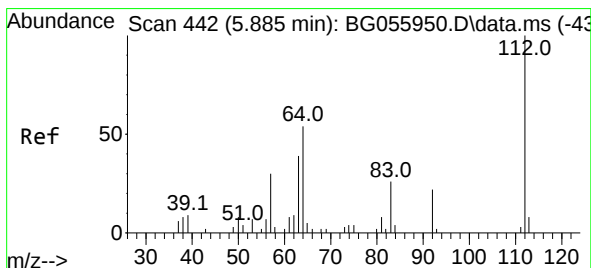
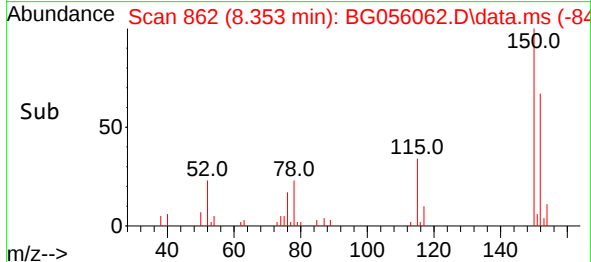
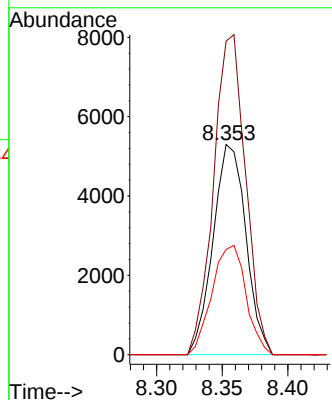
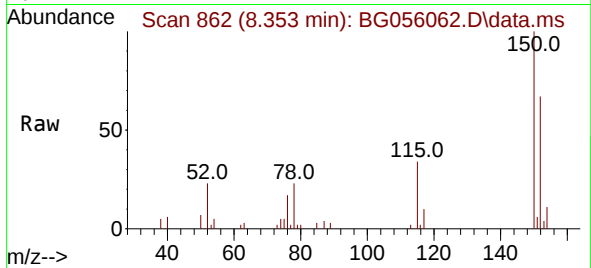




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.353 min Scan# 866
Delta R.T. 0.000 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

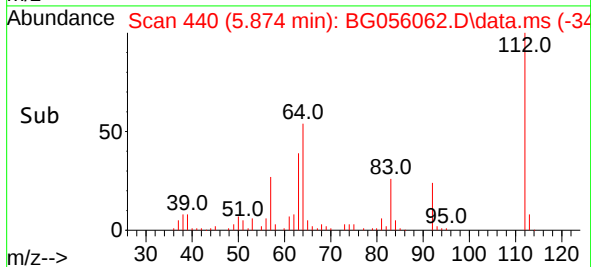
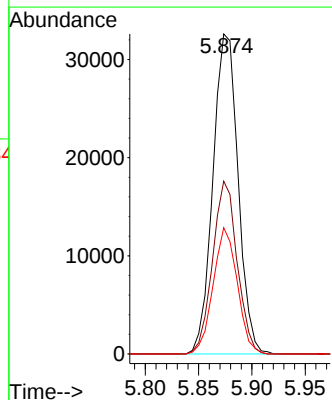
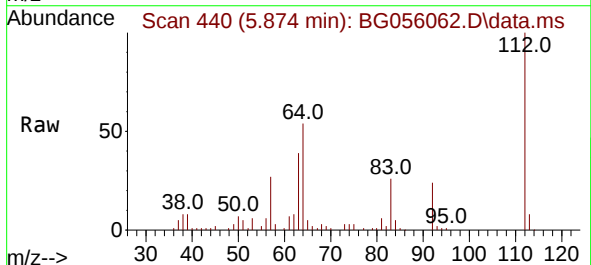
Instrument :
BNA_G
ClientSampleId :
A5(0-6)

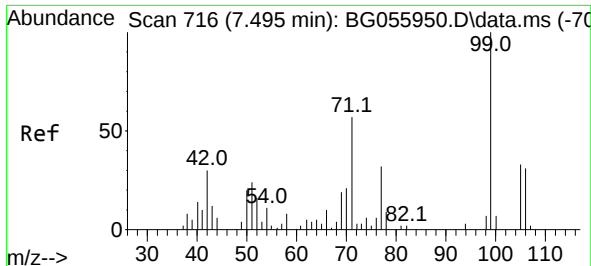
Tgt Ion:152 Resp: 9210
Ion Ratio Lower Upper
152 100
150 149.1 115.7 173.5
115 50.1 43.0 64.4



#5
2-Fluorophenol
Concen: 136.242 ng
RT: 5.874 min Scan# 440
Delta R.T. 0.006 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

Tgt Ion:112 Resp: 53505
Ion Ratio Lower Upper
112 100
64 54.0 43.0 64.4
63 39.5 31.4 47.2

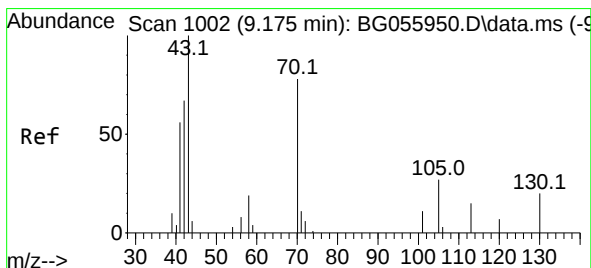
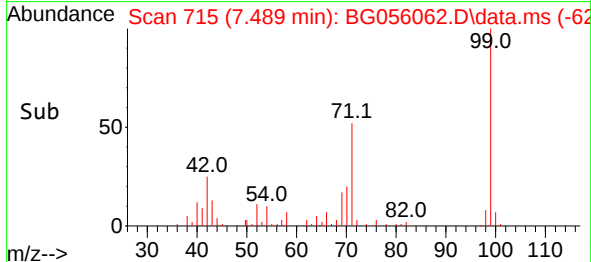
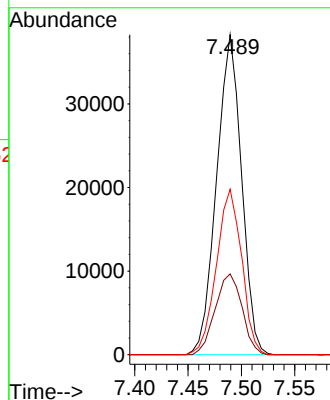
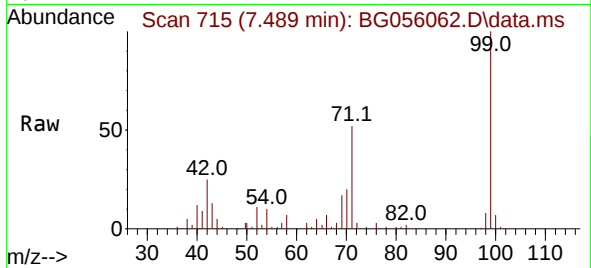




#7
Phenol-d6
Concen: 123.147 ng
RT: 7.489 min Scan# 716
Delta R.T. 0.006 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

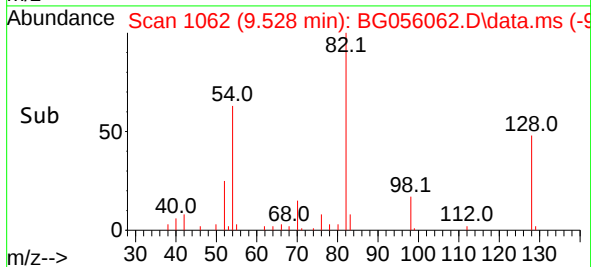
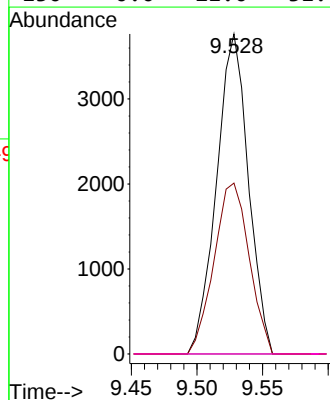
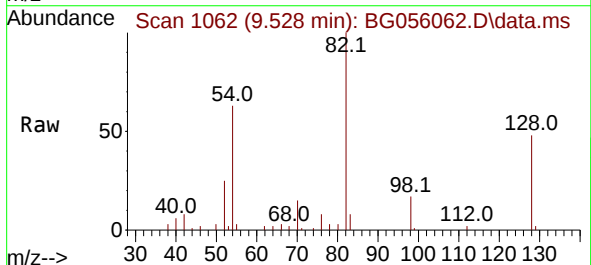
Instrument :
BNA_G
ClientSampleId :
A5(0-6)

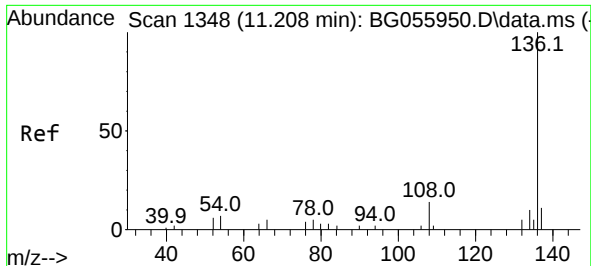
Tgt Ion: 99 Resp: 62201
Ion Ratio Lower Upper
99 100
42 25.2 24.3 36.5
71 51.7 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.539 ng
RT: 9.528 min Scan# 1062
Delta R.T. 0.370 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

Tgt Ion: 70 Resp: 6350
Ion Ratio Lower Upper
70 100
42 53.4 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

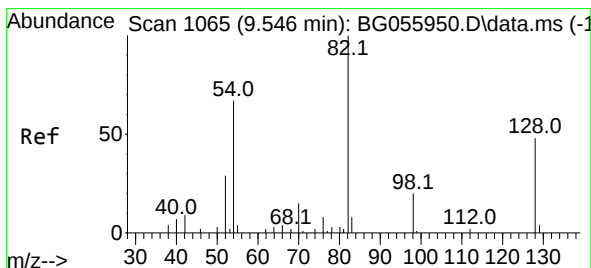
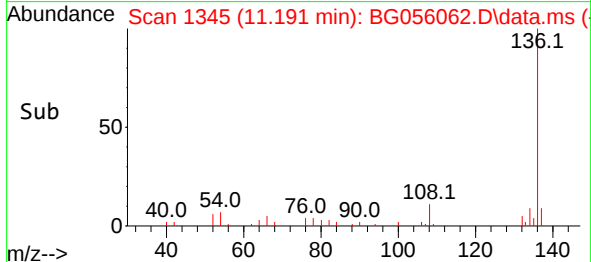
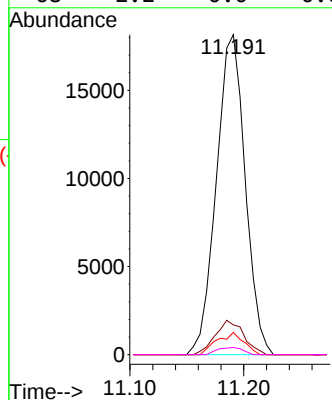
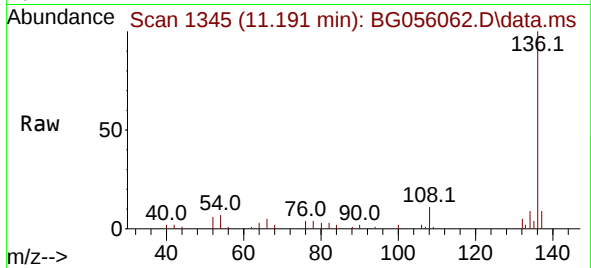




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

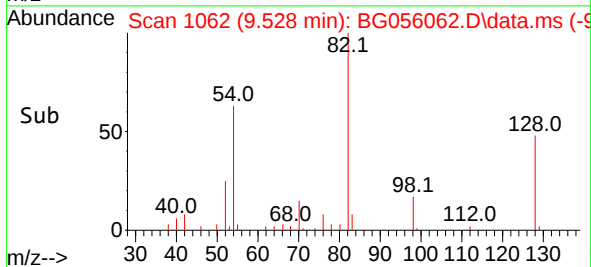
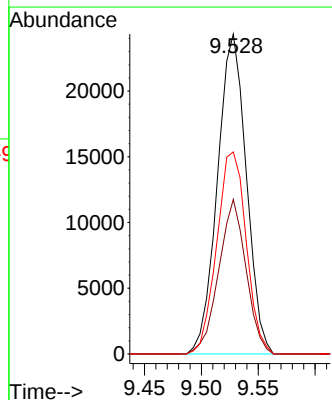
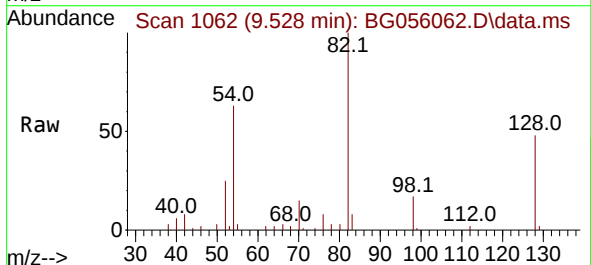
Instrument :
BNA_G
ClientSampleId :
A5(0-6)

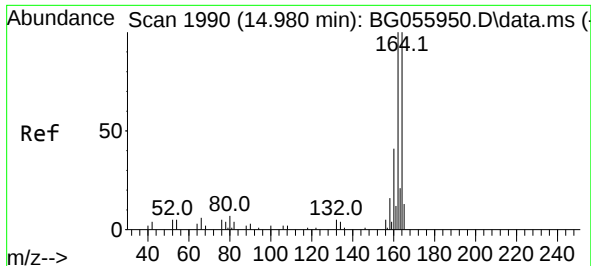
Tgt Ion:136 Resp: 31978
Ion Ratio Lower Upper
136 100
137 9.3 9.2 13.8
54 6.9 5.6 8.4
68 2.2 0.0 0.0#



#23
Nitrobenzene-d5
Concen: 93.752 ng
RT: 9.528 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

Tgt Ion: 82 Resp: 42901
Ion Ratio Lower Upper
82 100
128 48.3 38.4 57.6
54 63.2 53.3 79.9

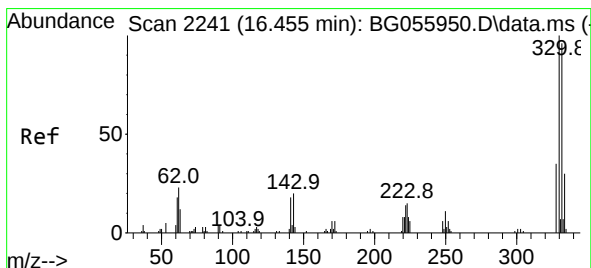
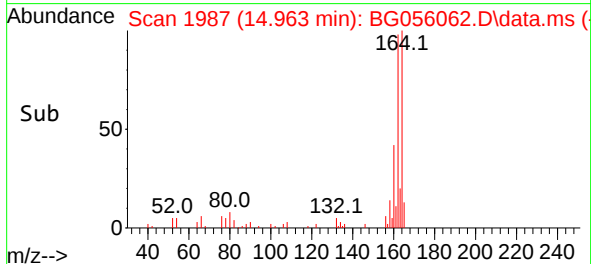
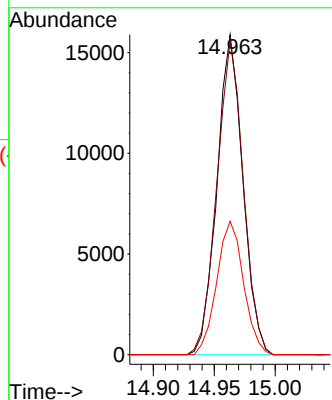
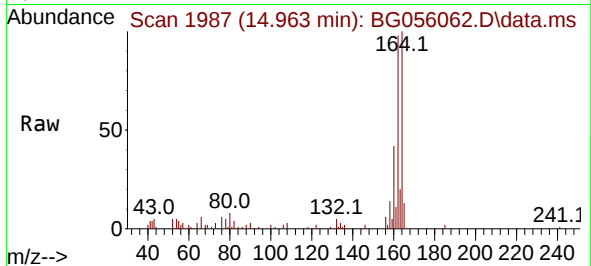




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

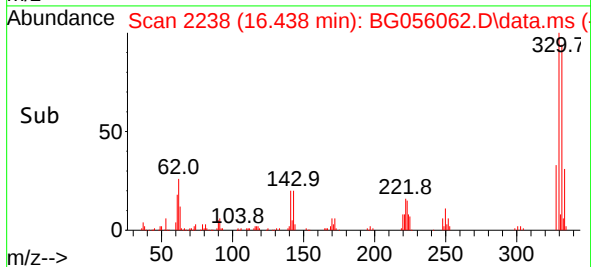
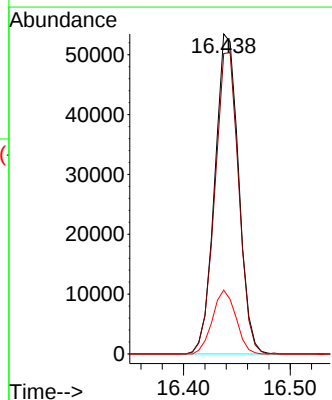
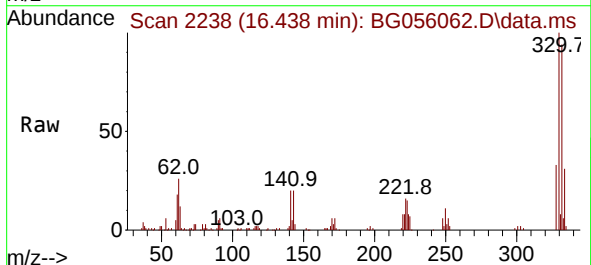
Instrument :
BNA_G
ClientSampleId :
A5(0-6)

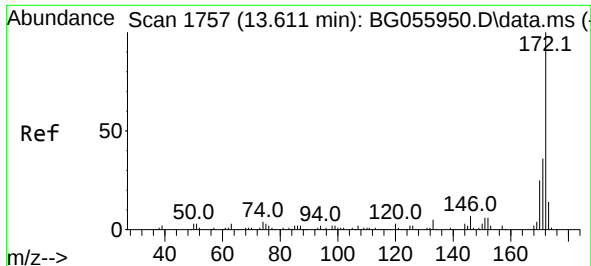
Tgt Ion:164 Resp: 23455
Ion Ratio Lower Upper
164 100
162 98.2 79.8 119.8
160 41.7 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 145.934 ng
RT: 16.438 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

Tgt Ion:330 Resp: 82536
Ion Ratio Lower Upper
330 100
332 94.9 76.6 114.8
141 19.6 15.0 22.4

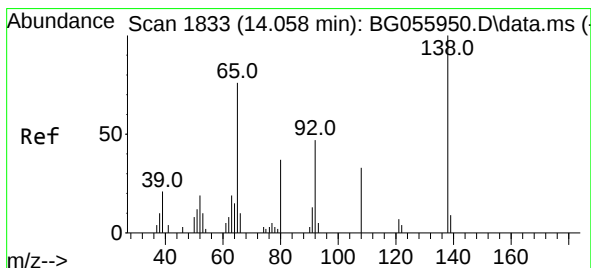
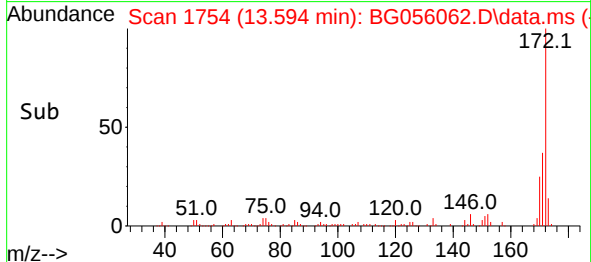
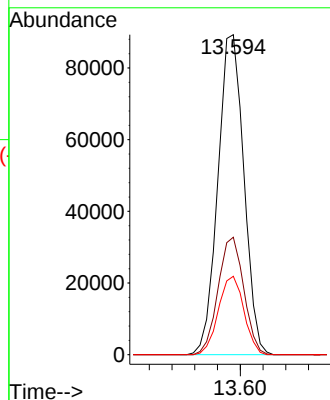
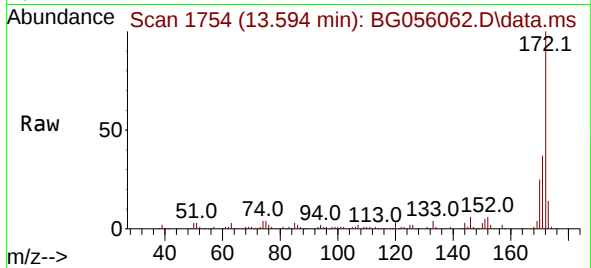




#45
2-Fluorobiphenyl
Concen: 84.734 ng
RT: 13.594 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

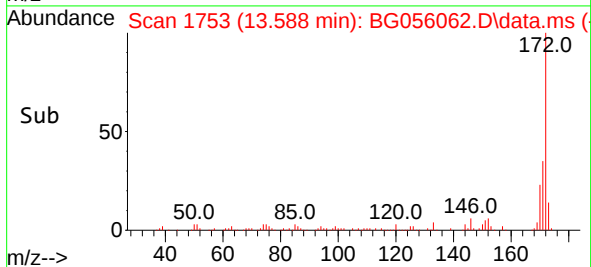
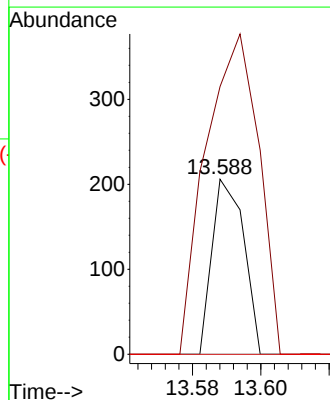
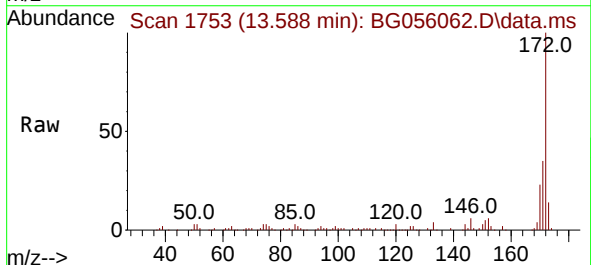
Instrument :
BNA_G
ClientSampleId :
A5(0-6)

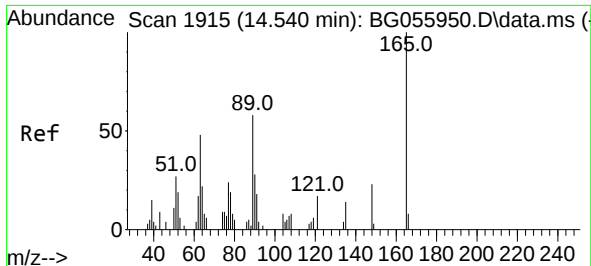
Tgt Ion:172 Resp: 141708
Ion Ratio Lower Upper
172 100
171 36.7 28.6 42.8
170 24.5 19.9 29.9



#48
2-Nitroaniline
Concen: 3.306 ng
RT: 13.588 min Scan# 1753
Delta R.T. -0.458 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

Tgt Ion: 65 Resp: 133
Ion Ratio Lower Upper
65 100
92 152.9 49.7 74.5#
138 0.0 105.0 157.6#





#51

2,6-Dinitrotoluene

Concen: 9.965 ng

RT: 14.963 min Scan# 1915

Delta R.T. 0.435 min

Lab File: BG056062.D

Acq: 22 Dec 2022 14:48

Instrument :

BNA_G

ClientSampleId :

A5(0-6)

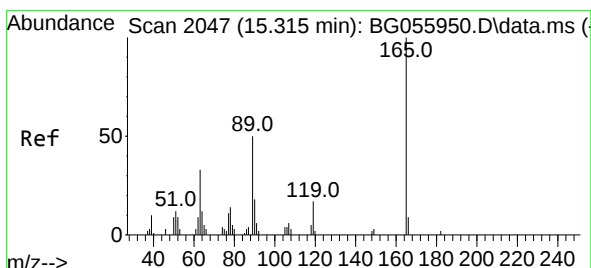
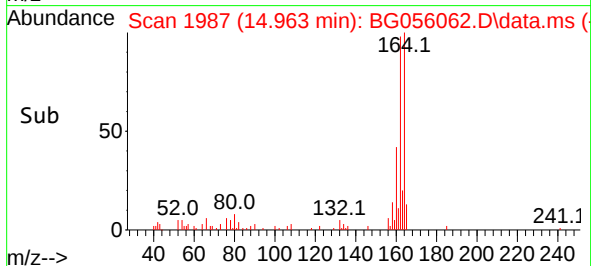
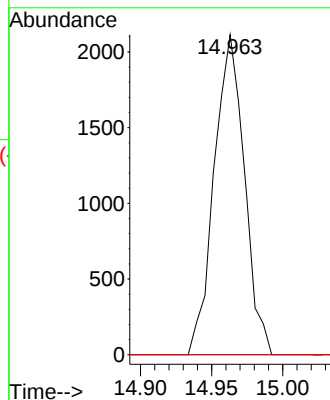
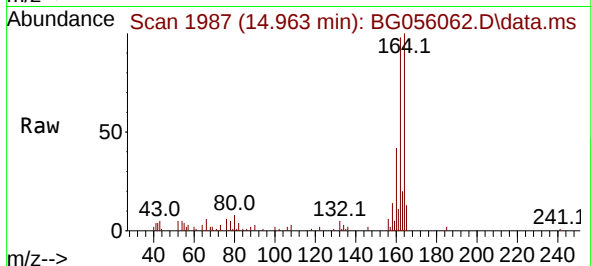
Tgt Ion:165 Resp: 3127

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: 6.602 ng

RT: 14.963 min Scan# 1987

Delta R.T. -0.353 min

Lab File: BG056062.D

Acq: 22 Dec 2022 14:48

Tgt Ion:165 Resp: 3127

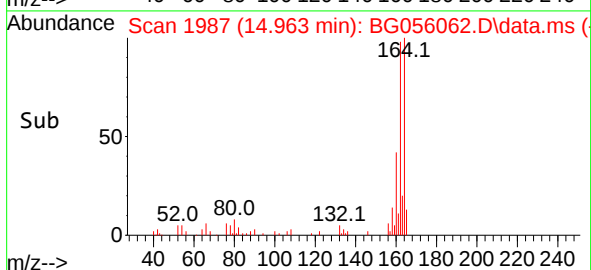
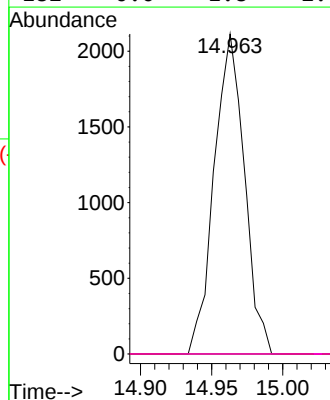
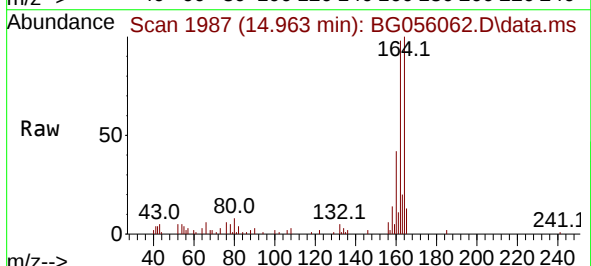
Ion Ratio Lower Upper

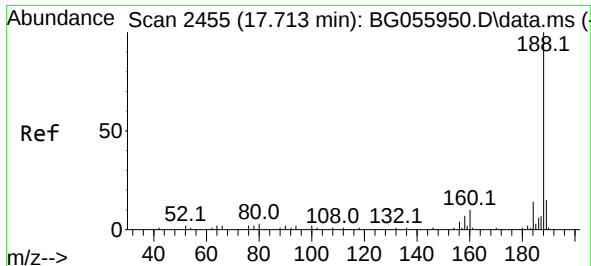
165 100

63 0.0 26.6 39.8#

89 0.0 40.1 60.1#

182 0.0 1.8 2.6#

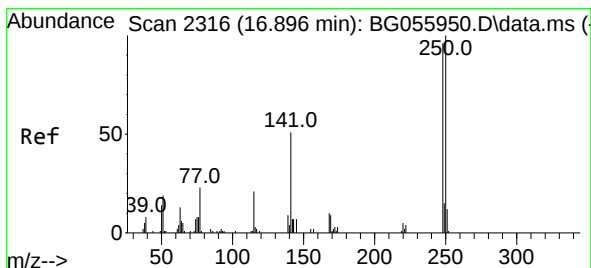
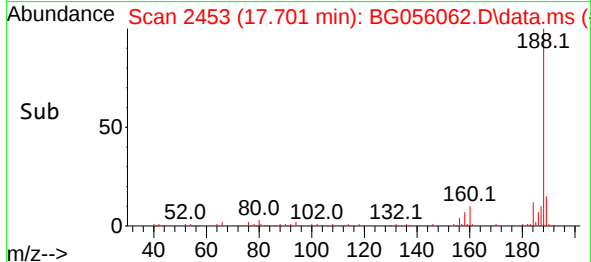
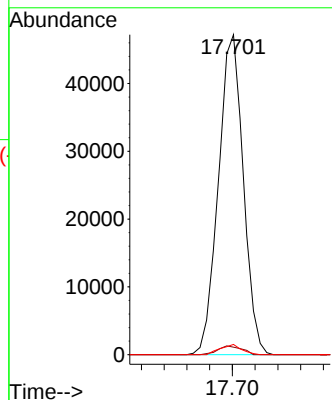
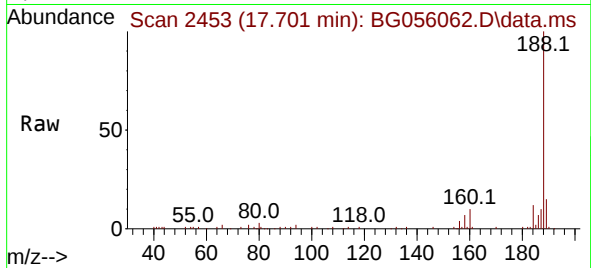




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.701 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

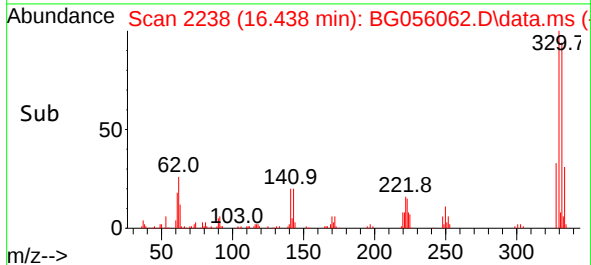
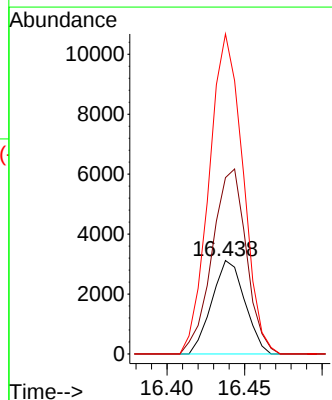
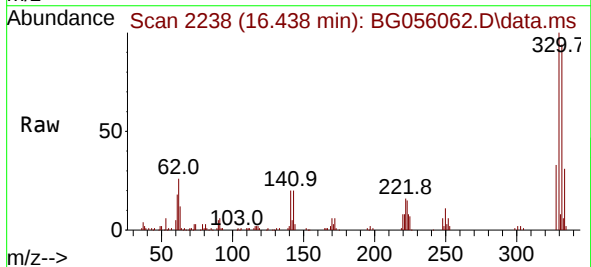
Instrument :
BNA_G
ClientSampleId :
A5(0-6)

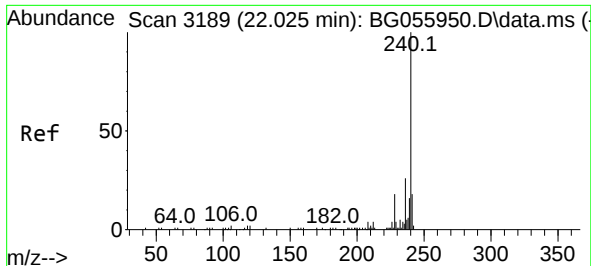
Tgt Ion:188 Resp: 71578
Ion Ratio Lower Upper
188 100
94 2.4 1.8 2.8
80 3.8 2.4 3.6#



#67
4-Bromophenyl-phenylether
Concen: 4.396 ng
RT: 16.438 min Scan# 2238
Delta R.T. -0.447 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

Tgt Ion:248 Resp: 4611
Ion Ratio Lower Upper
248 100
250 149.5 83.0 124.6#
141 271.2 42.6 64.0#

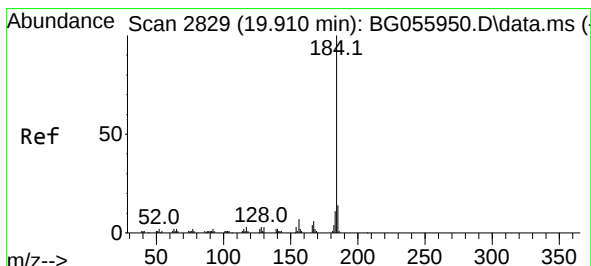
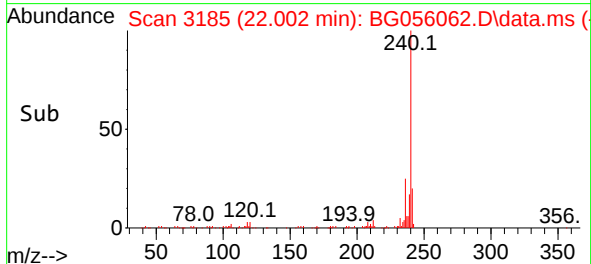
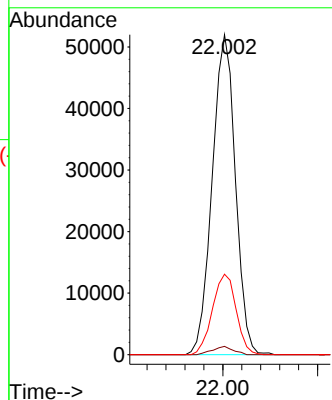
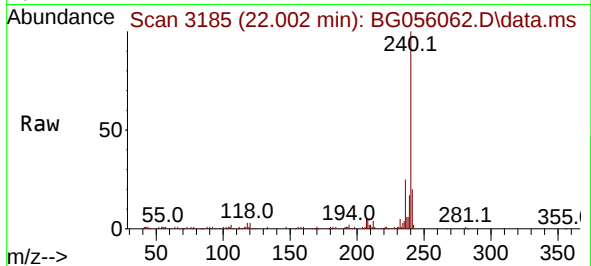




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.002 min Scan# 3185
Delta R.T. -0.012 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

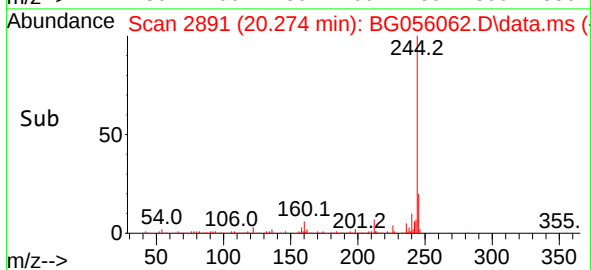
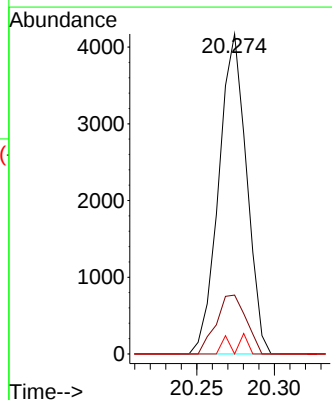
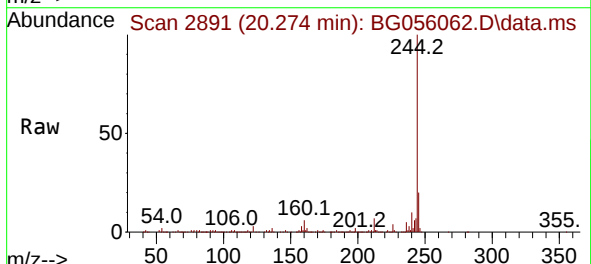
Instrument :
BNA_G
ClientSampleId :
A5(0-6)

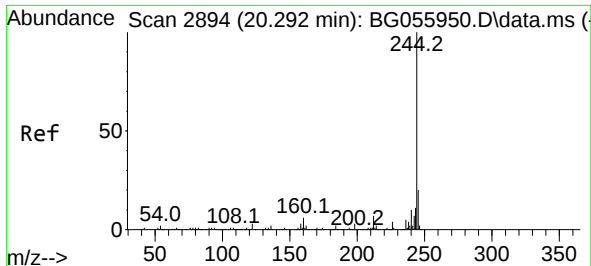
Tgt Ion:240 Resp: 88145
Ion Ratio Lower Upper
240 100
120 2.6 1.7 2.5#
236 25.2 21.1 31.7



#77
Benzidine
Concen: 3.354 ng
RT: 20.274 min Scan# 2891
Delta R.T. 0.376 min
Lab File: BG056062.D
Acq: 22 Dec 2022 14:48

Tgt Ion:184 Resp: 5192
Ion Ratio Lower Upper
184 100
185 18.4 10.9 16.3#
183 0.0 9.2 13.8#

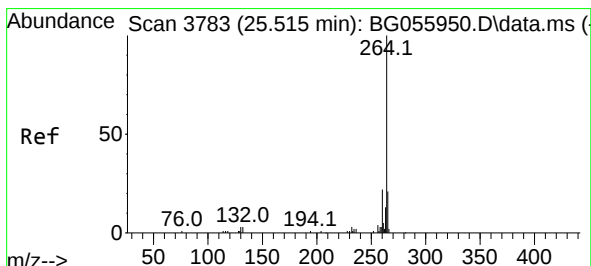
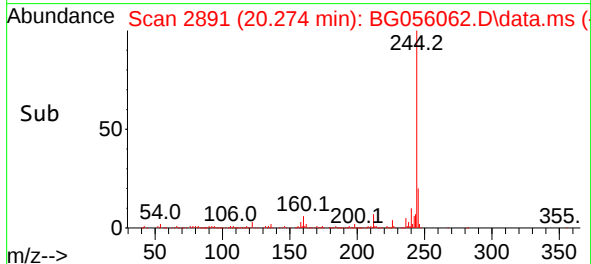
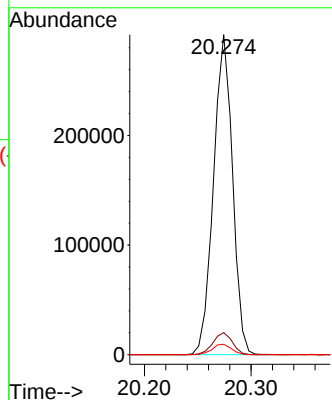
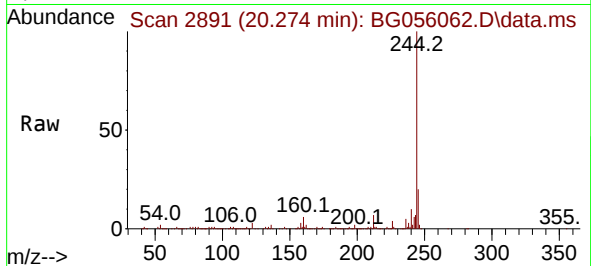




#79
 Terphenyl-d14
 Concen: 72.342 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056062.D
 Acq: 22 Dec 2022 14:48

Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)

Tgt Ion:244 Resp: 360793
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 3.2 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.480 min Scan# 3777
 Delta R.T. -0.012 min
 Lab File: BG056062.D
 Acq: 22 Dec 2022 14:48

Tgt Ion:264 Resp: 106912
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.8 26.8
 265 22.8 16.6 25.0

