

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053879.D
 Acq On : 10 Jun 2022 17:38
 Operator : CG/JU
 Sample : N3286-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7D

Quant Time: Jun 11 02:04:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

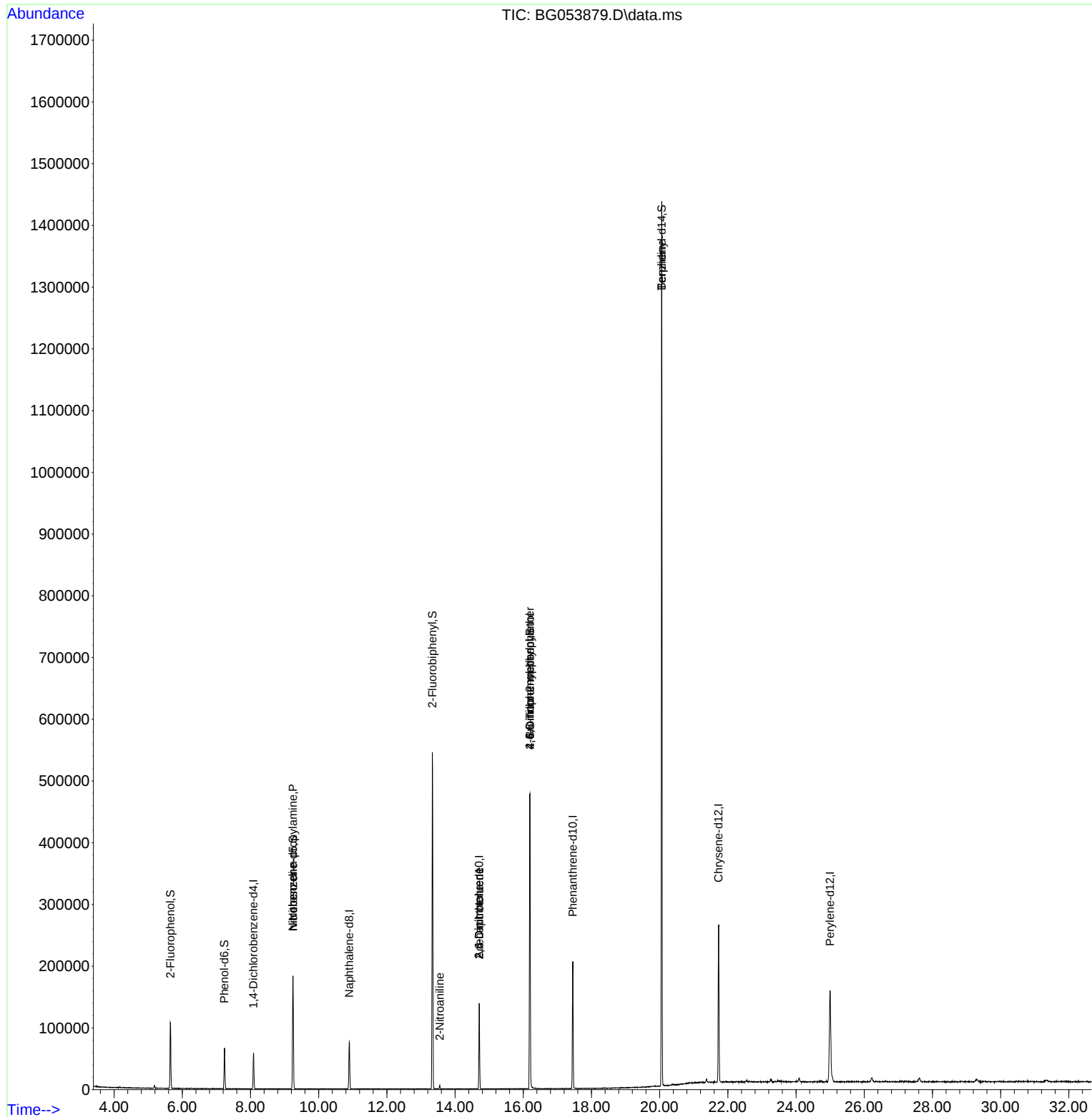
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	17972	20.00	ng	0.00
21) Naphthalene-d8	10.897	136	71466	20.00	ng	# 0.00
39) Acenaphthene-d10	14.710	164	52951	20.00	ng	0.00
64) Phenanthrene-d10	17.454	188	149332	20.00	ng	0.00
76) Chrysene-d12	21.725	240	182577	20.00	ng	0.00
86) Perylene-d12	24.998	264	182756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	52402	53.54	ng	0.00
7) Phenol-d6	7.236	99	40609	30.63	ng	0.00
23) Nitrobenzene-d5	9.246	82	116472	107.02	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	126311	196.52	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	324075	91.56	ng	0.00
79) Terphenyl-d14	20.063	244	802494	87.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.246	70	15842	16.87	ng	# 79
24) Nitrobenzene	9.246	77	270	3.18	ng	# 48
48) 2-Nitroaniline	13.552	65	137	5.21	ng	# 10
51) 2,6-Dinitrotoluene	14.710	165	7495	13.91	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	7495	11.58	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.196	198	142	5.82	ng	# 39
67) 4-Bromophenyl-phenylether	16.196	248	8155	5.03	ng	# 1
77) Benzidine	20.063	184	10167	2.28	ng	# 92

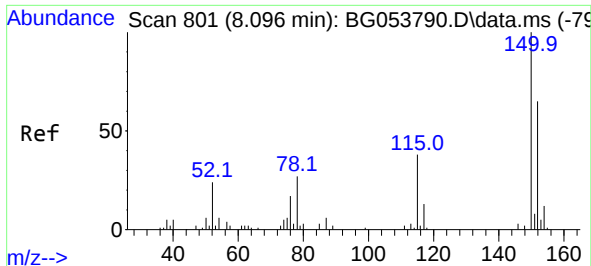
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

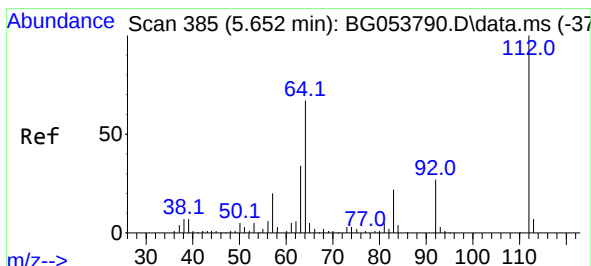
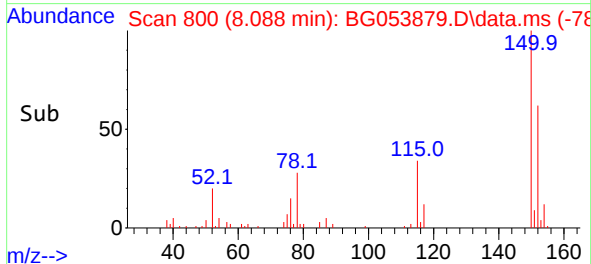
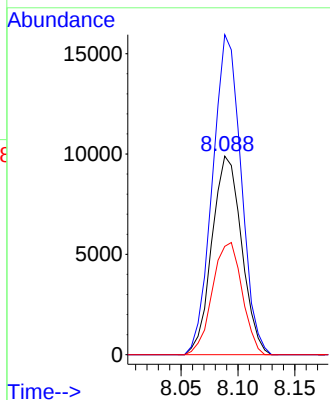
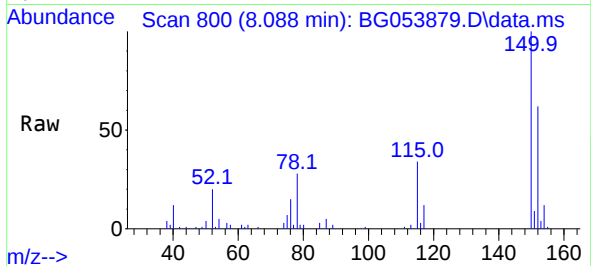




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.088 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

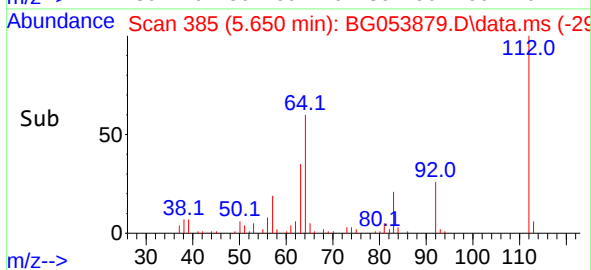
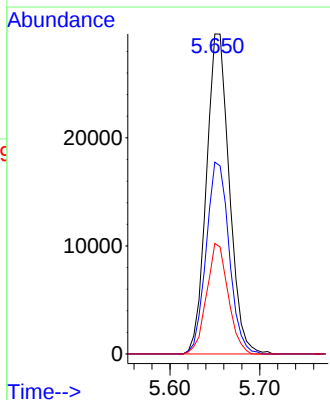
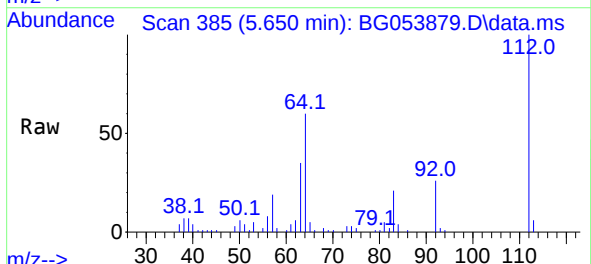
Instrument :
BNA_G
ClientSampleId :
MW-7D

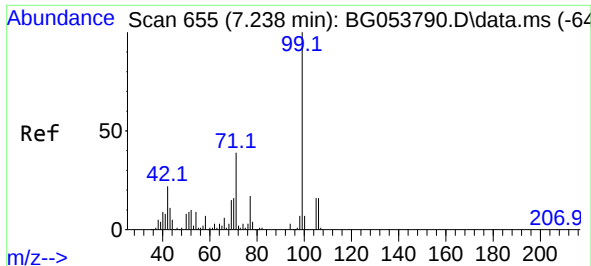
Tgt Ion:152 Resp: 17972
Ion Ratio Lower Upper
152 100
150 161.1 131.6 197.4
115 54.5 50.9 76.3



#5
2-Fluorophenol
Concen: 53.54 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

Tgt Ion:112 Resp: 52402
Ion Ratio Lower Upper
112 100
64 60.0 55.1 82.7
63 34.6 30.4 45.6

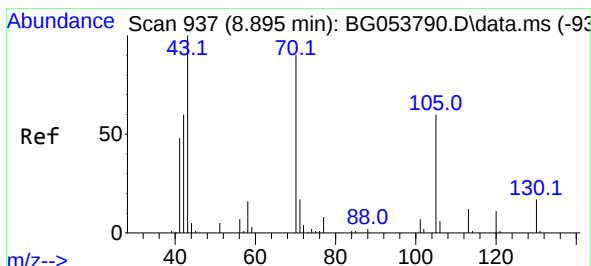
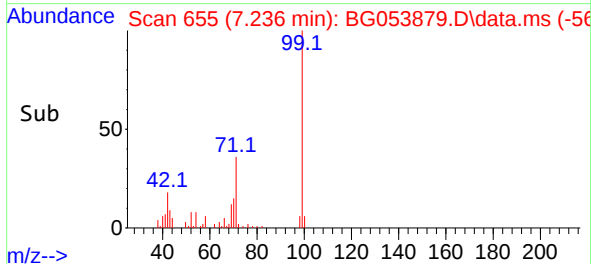
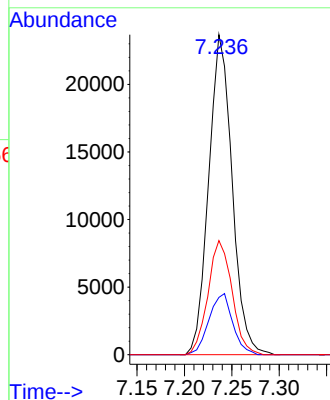
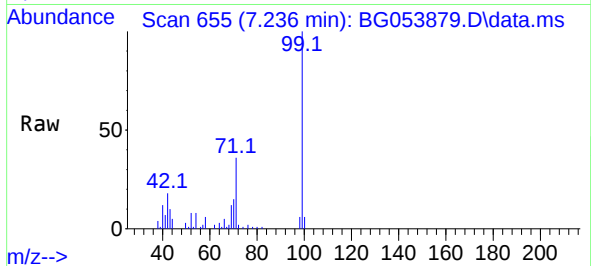




#7
Phenol-d6
Concen: 30.63 ng
RT: 7.236 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

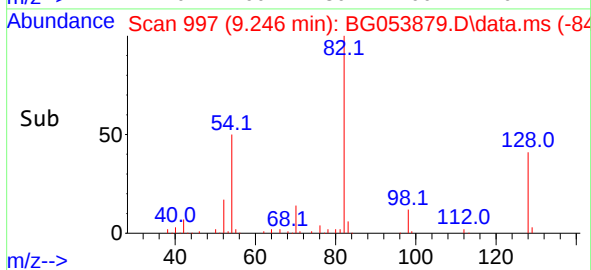
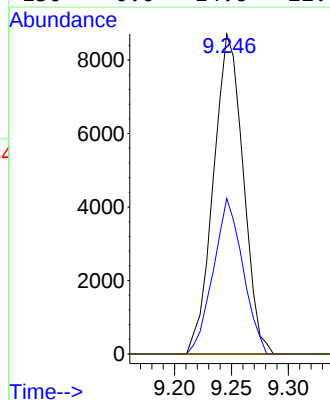
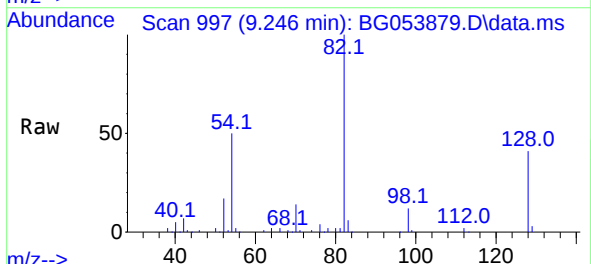
Instrument :
BNA_G
ClientSampleId :
MW-7D

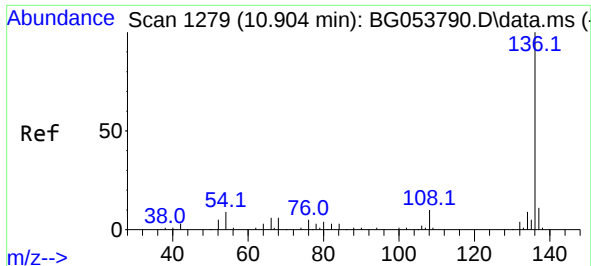
Tgt Ion: 99 Resp: 40609
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 35.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.87 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.351 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

Tgt Ion: 70 Resp: 15842
Ion Ratio Lower Upper
70 100
42 48.6 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

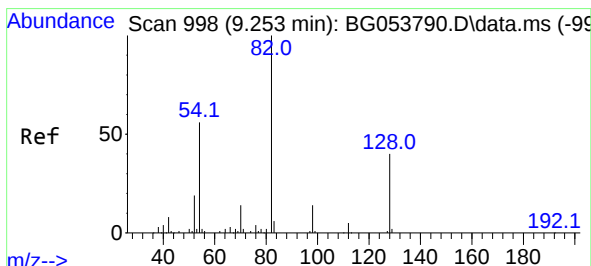
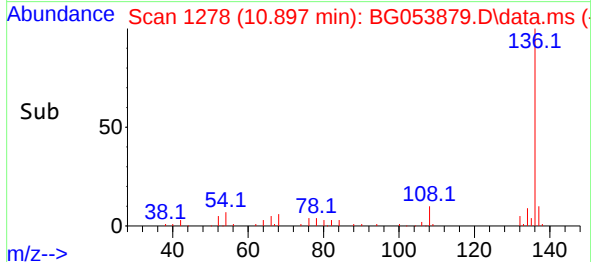
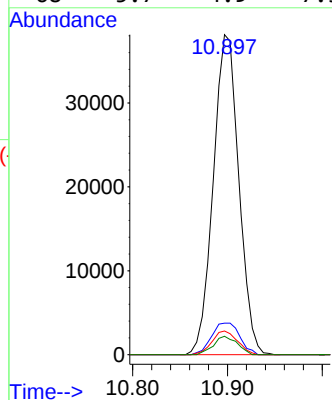
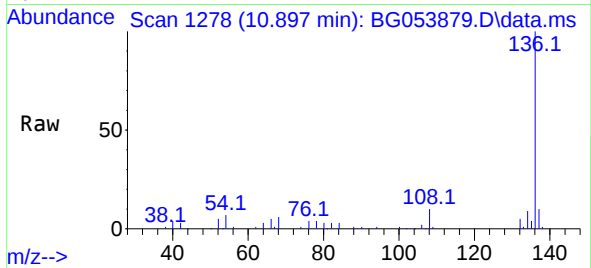




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.897 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

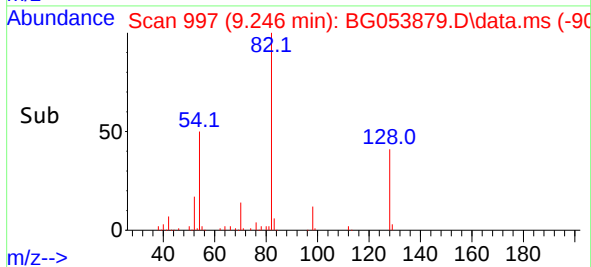
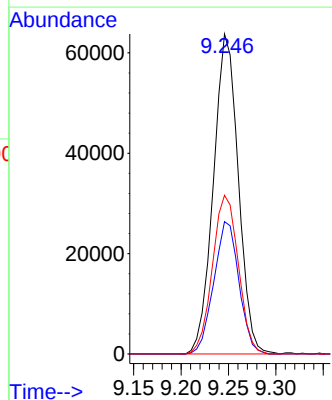
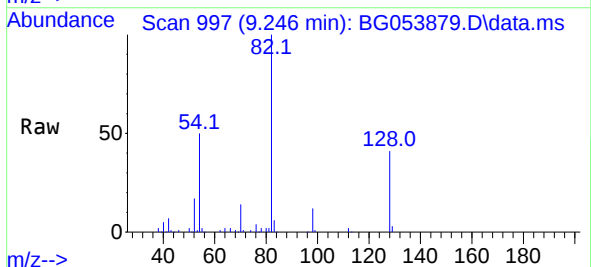
Instrument :
BNA_G
ClientSampleId :
MW-7D

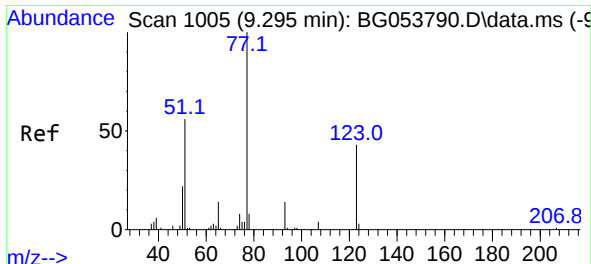
Tgt Ion:	136	Resp:	71466
Ion Ratio	Lower	Upper	
136	100		
137	9.8	8.5	12.7
54	7.4	7.4	11.2#
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 107.02 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.007 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

Tgt Ion:	82	Resp:	116472
Ion Ratio	Lower	Upper	
82	100		
128	41.3	27.9	41.9
54	49.6	41.2	61.8

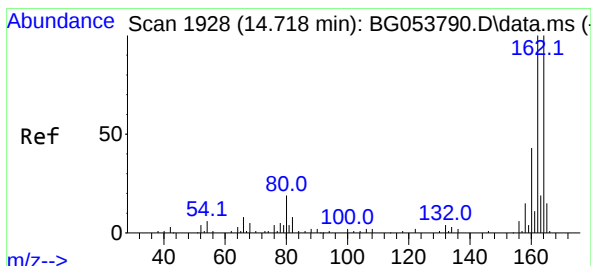
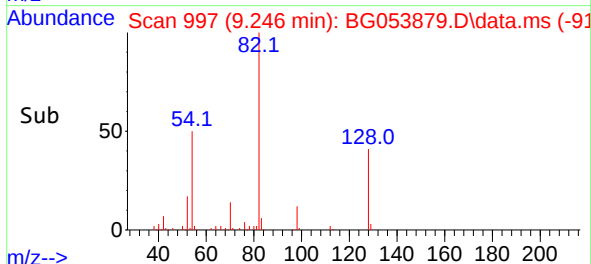
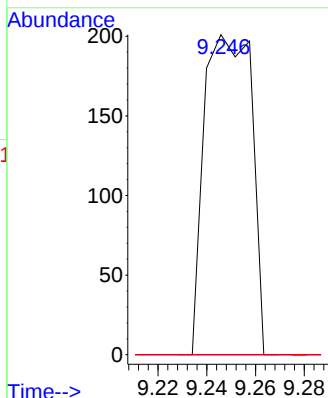
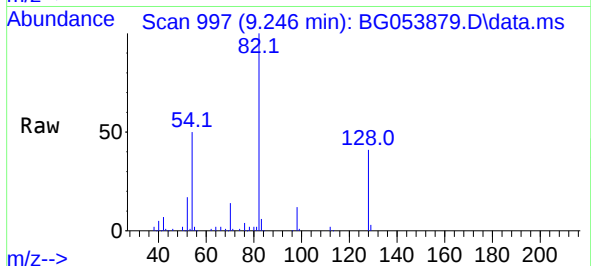




#24
Nitrobenzene
Concen: 3.18 ng
RT: 9.246 min Scan# 91
Delta R.T. -0.049 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

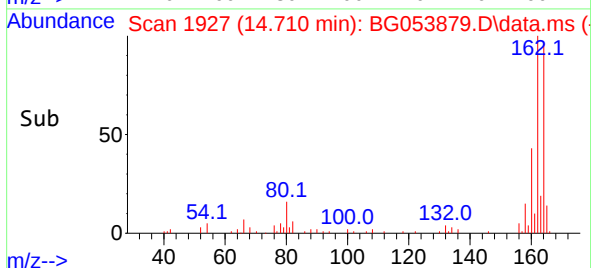
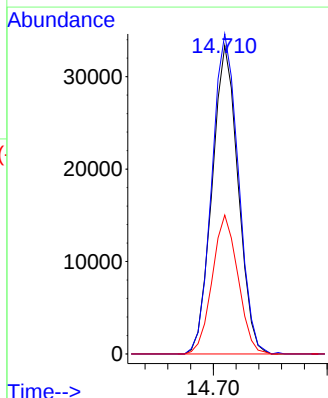
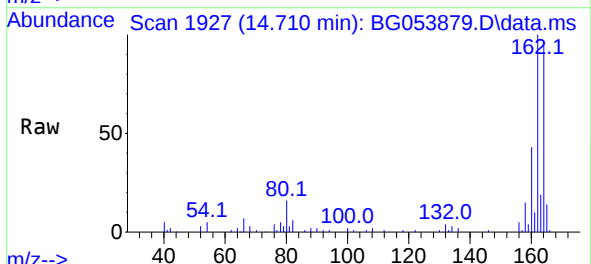
Instrument :
BNA_G
ClientSampleId :
MW-7D

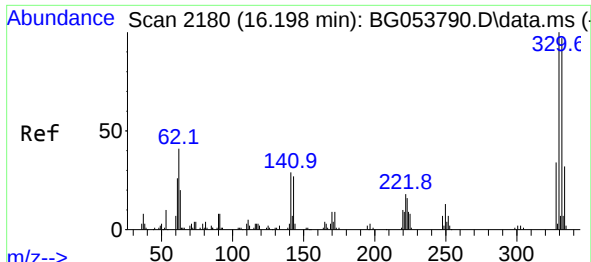
Tgt Ion: 77 Resp: 270
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

Tgt Ion:164 Resp: 52951
Ion Ratio Lower Upper
164 100
162 103.8 82.3 123.5
160 45.0 34.2 51.2

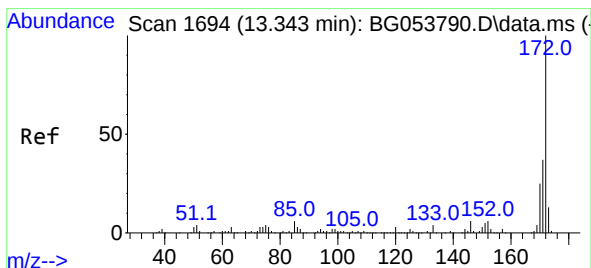
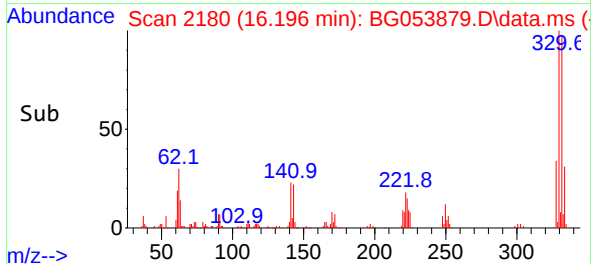
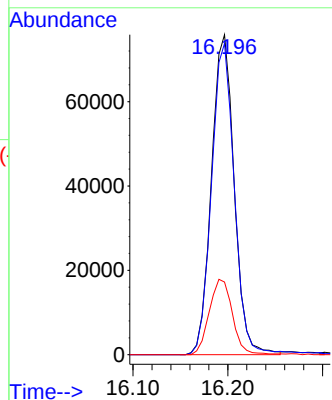
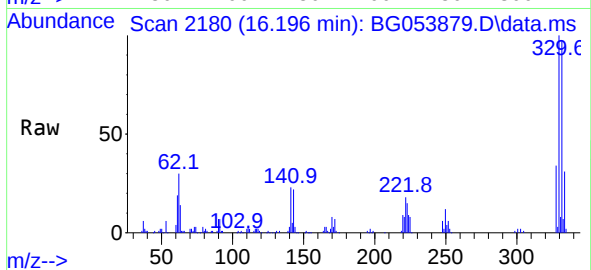




#42
2,4,6-Tribromophenol
Concen: 196.52 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

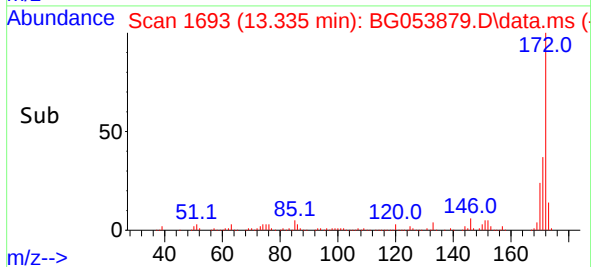
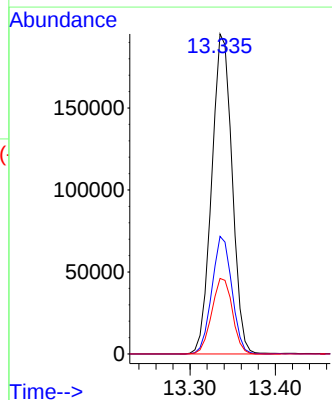
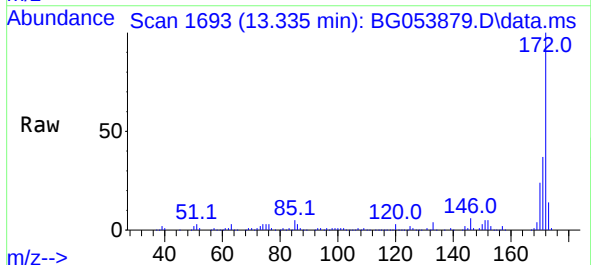
Instrument :
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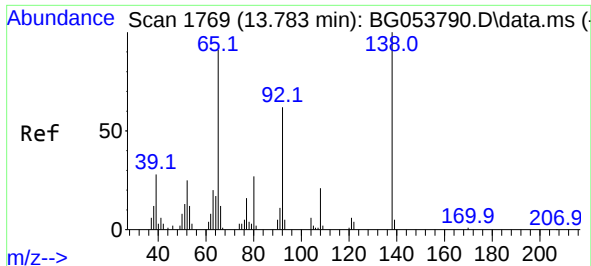
Tgt Ion:330 Resp: 126311
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 24.1 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 91.56 ng
RT: 13.335 min Scan# 1693
Delta R.T. -0.008 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

Tgt Ion:172 Resp: 324075
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 23.6 18.9 28.3

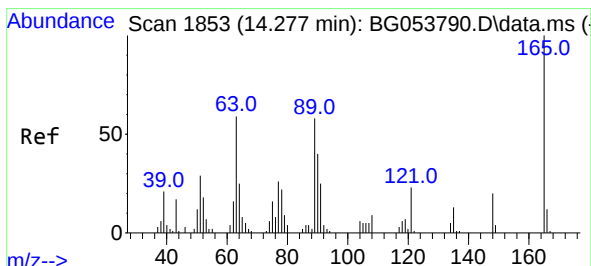
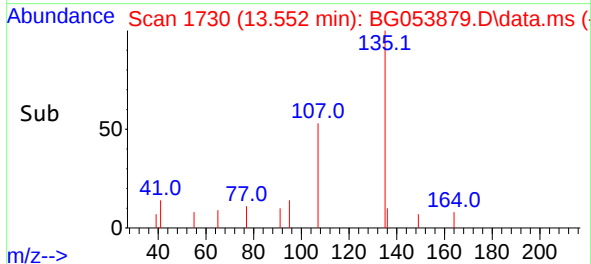
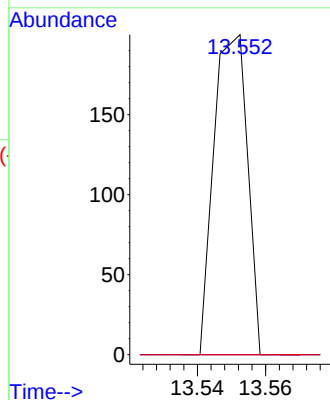
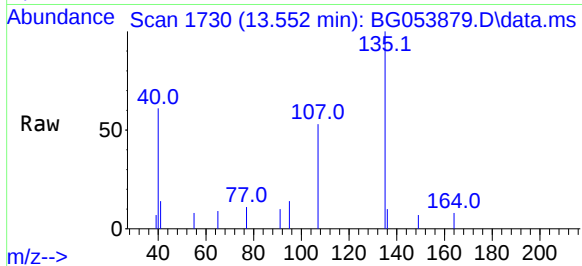




#48
2-Nitroaniline
Concen: 5.21 ng
RT: 13.552 min Scan# 11
Delta R.T. -0.231 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

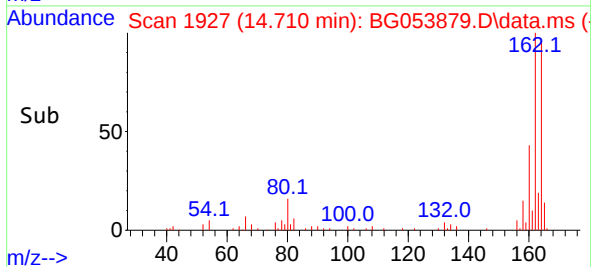
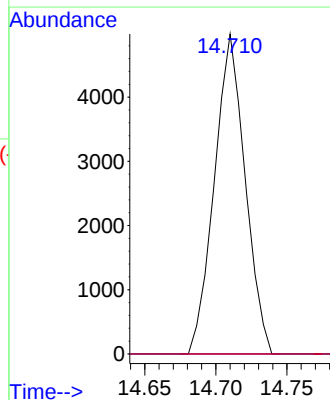
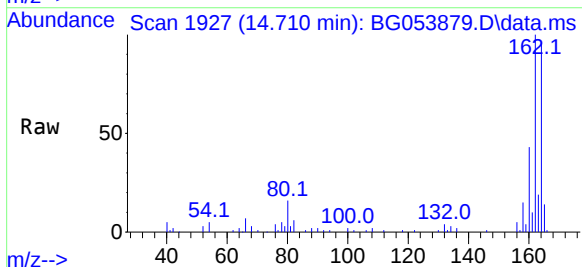
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BNA_G
ClientSampleId :
MW-7D

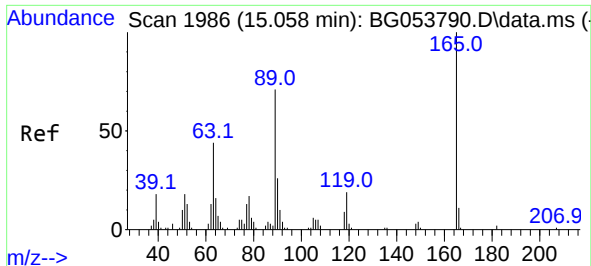
Tgt Ion: 65 Resp: 137
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.91 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.433 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

Tgt Ion:165 Resp: 7495
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 11.58 ng

RT: 14.710 min Scan# 1986

Delta R.T. -0.348 min

Lab File: BG053879.D

Acq: 10 Jun 2022 17:38

Instrument :

BNA_G

ClientSampleId :

MW-7D

Tgt Ion:165 Resp: 7495

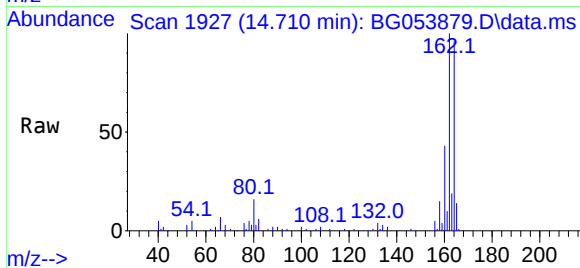
Ion Ratio Lower Upper

165 100

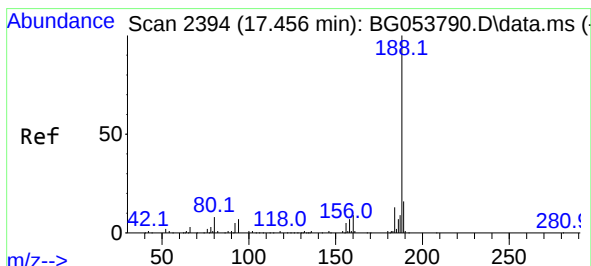
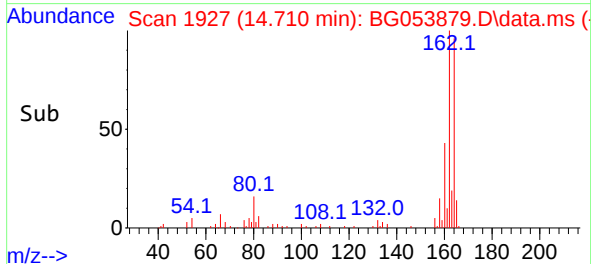
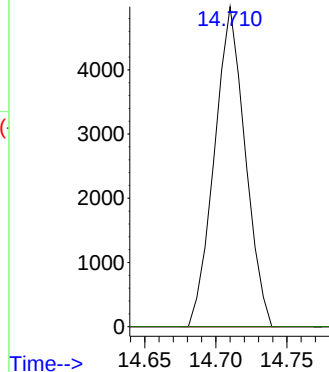
63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



Abundance



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.454 min Scan# 2394

Delta R.T. -0.002 min

Lab File: BG053879.D

Acq: 10 Jun 2022 17:38

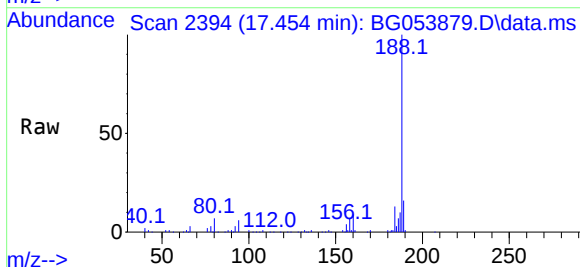
Tgt Ion:188 Resp: 149332

Ion Ratio Lower Upper

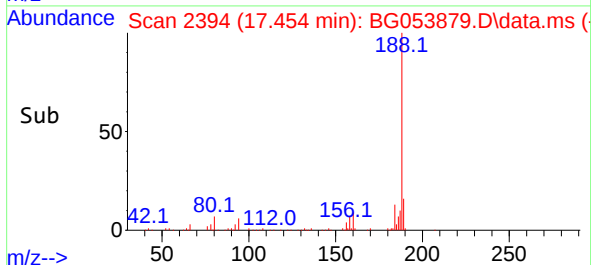
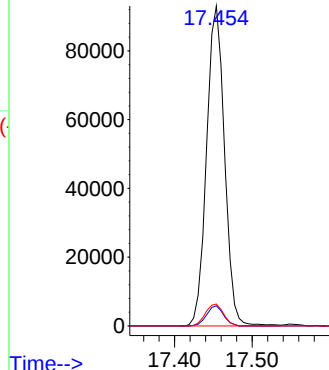
188 100

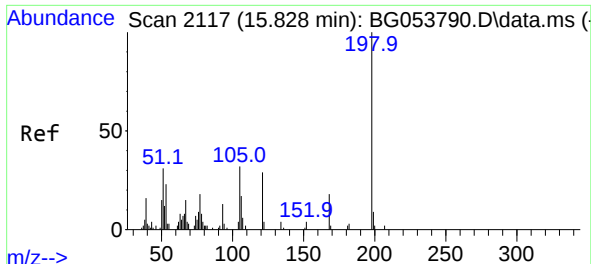
94 6.3 5.4 8.0

80 6.8 6.8 10.2



Abundance

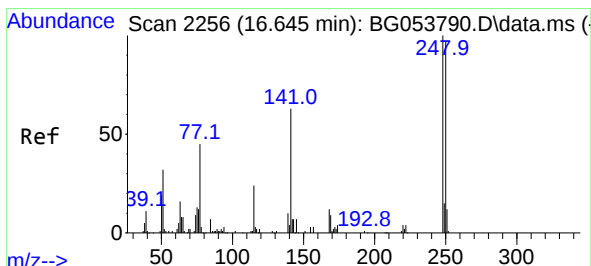
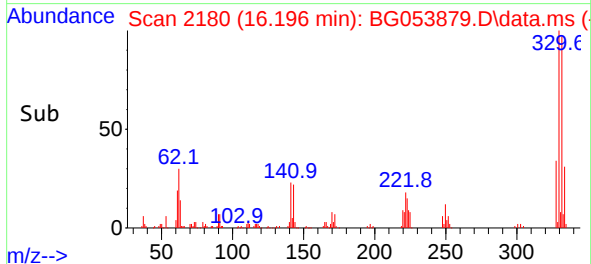
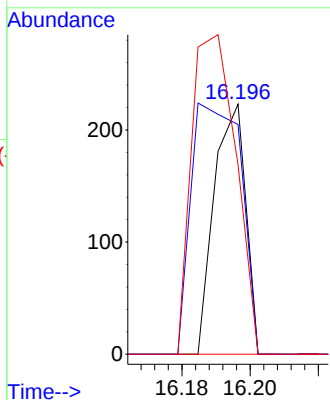
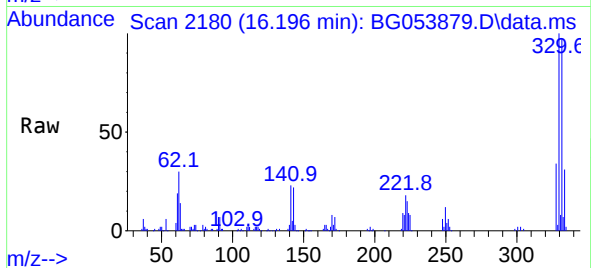




#65
4,6-Dinitro-2-methylphenol
Concen: 5.82 ng
RT: 16.196 min Scan# 2117
Delta R.T. 0.368 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

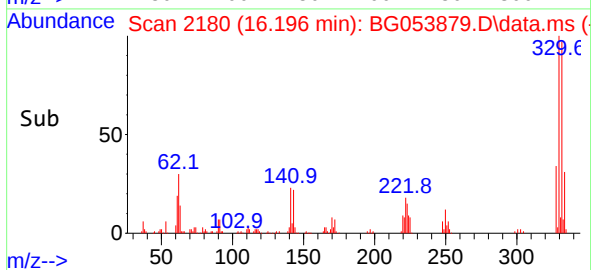
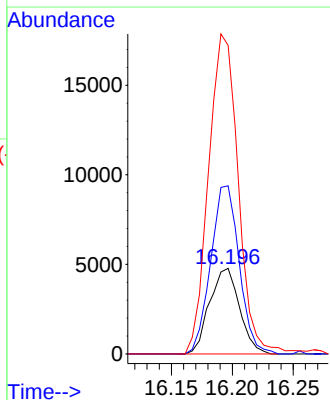
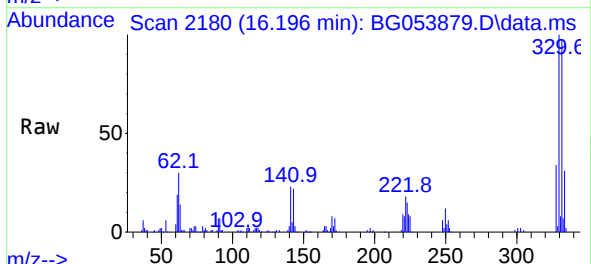
Instrument :
BNA_G
ClientSampleId :
MW-7D

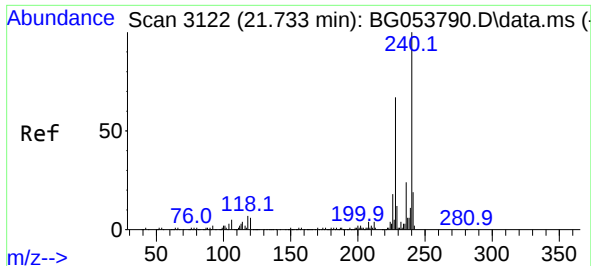
Tgt Ion:198 Resp: 142
Ion Ratio Lower Upper
198 100
51 91.9 28.1 68.1#
105 75.8 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 5.03 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.448 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

Tgt Ion:248 Resp: 8155
Ion Ratio Lower Upper
248 100
250 193.8 75.2 112.8#
141 275.4 50.0 75.0#

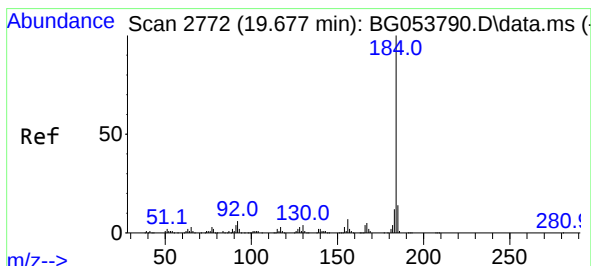
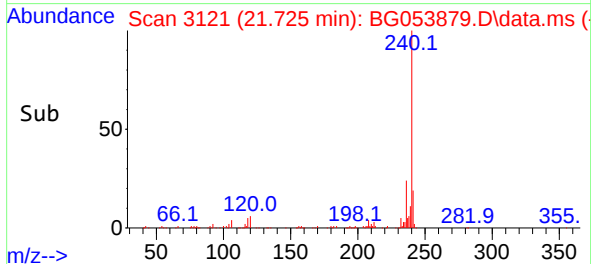
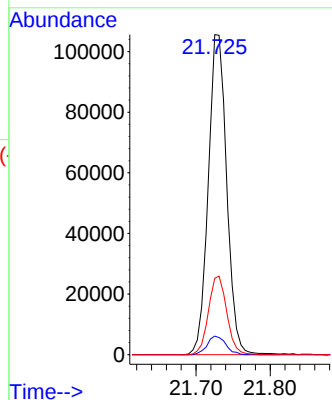
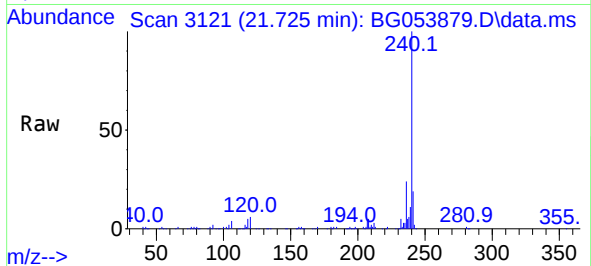




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.725 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

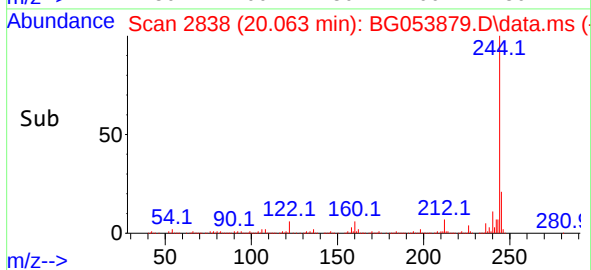
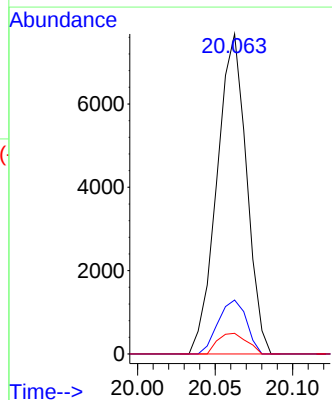
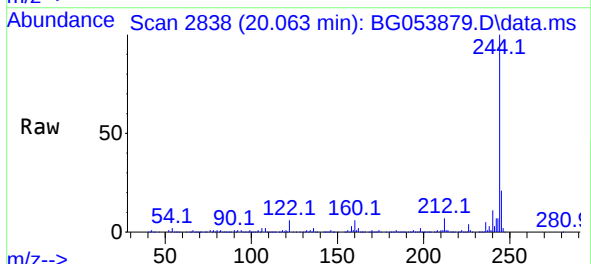
Instrument :
BNA_G
ClientSampleId :
MW-7D

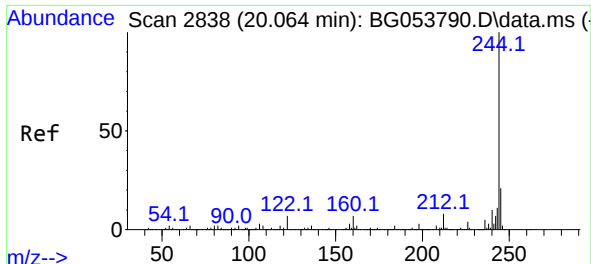
Tgt Ion:240 Resp: 182577
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 23.9 20.2 30.4



#77
Benzidine
Concen: 2.28 ng
RT: 20.063 min Scan# 2838
Delta R.T. 0.386 min
Lab File: BG053879.D
Acq: 10 Jun 2022 17:38

Tgt Ion:184 Resp: 10167
Ion Ratio Lower Upper
184 100
185 16.8 11.8 17.6
183 6.5 8.9 13.3#

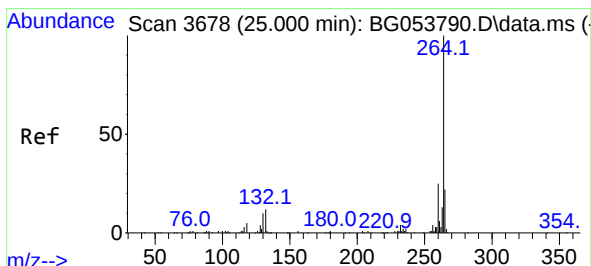
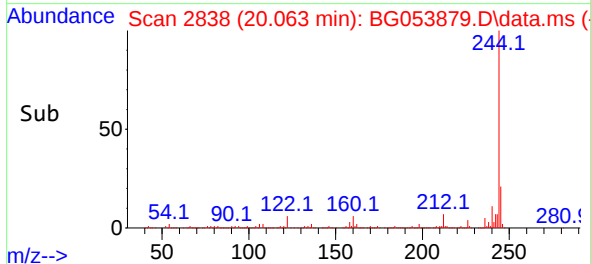
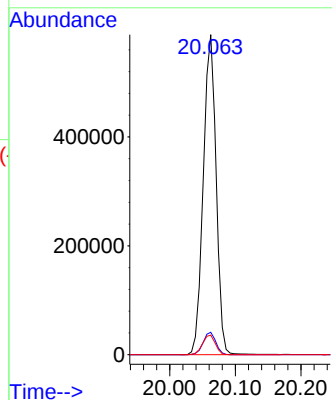
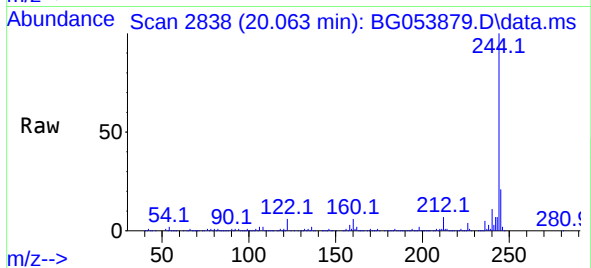




#79
 Terphenyl-d14
 Concen: 87.44 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053879.D
 Acq: 10 Jun 2022 17:38

Instrument :
 BNA_G
 ClientSampleId :
 MW-7D

Tgt Ion:244 Resp: 802494
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 6.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.998 min Scan# 3678
 Delta R.T. -0.002 min
 Lab File: BG053879.D
 Acq: 10 Jun 2022 17:38

Tgt Ion:264 Resp: 182756
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 20.5 17.4 26.2

