

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054231.D
 Acq On : 7 Jul 2022 19:00
 Operator : CG/JU
 Sample : N3617-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-05

Quant Time: Jul 08 03:17:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

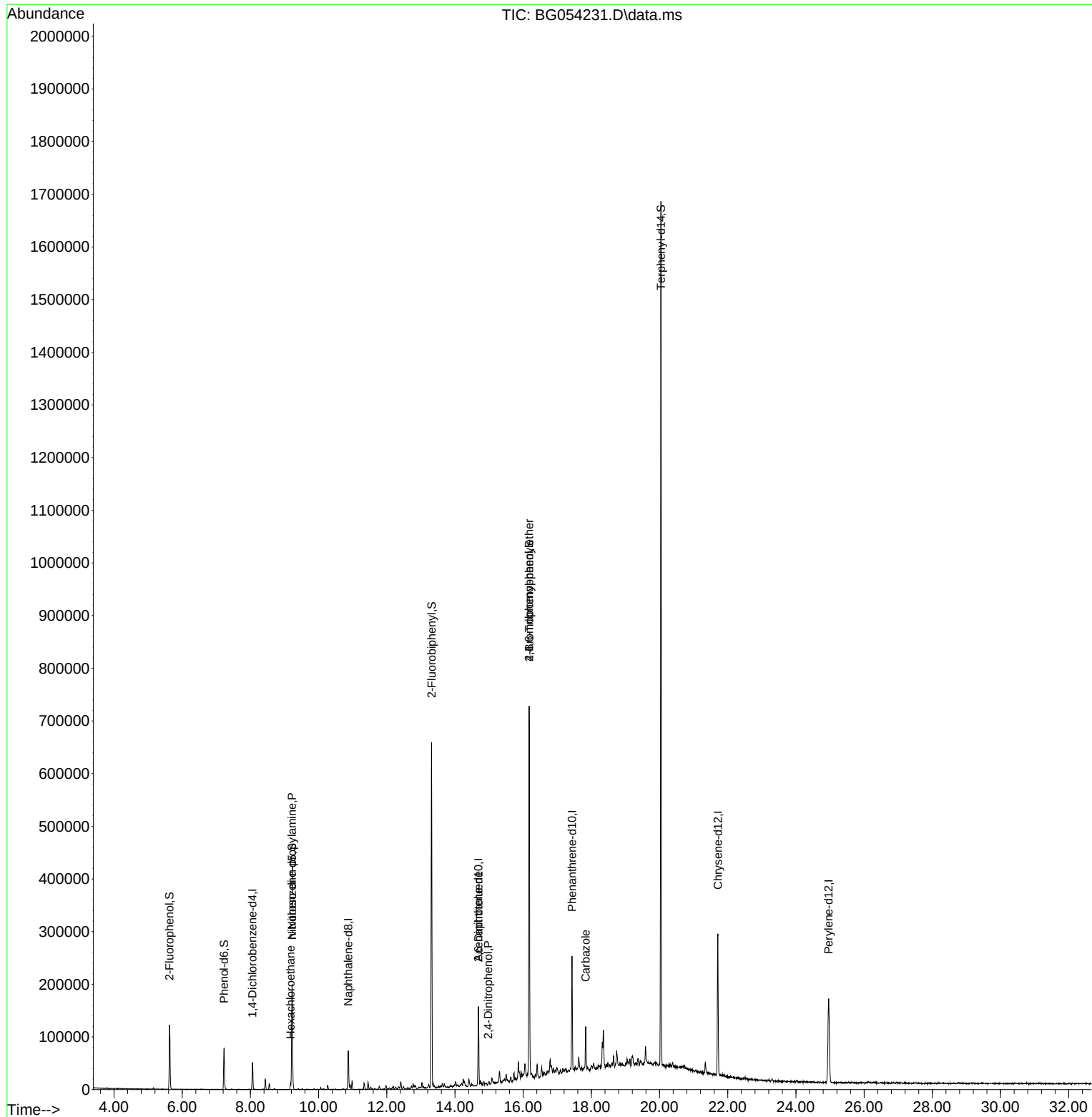
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	16569	20.000	ng	# 0.00
21) Naphthalene-d8	10.869	136	65264	20.000	ng	0.00
39) Acenaphthene-d10	14.688	164	53952	20.000	ng	0.00
64) Phenanthrene-d10	17.432	188	157350	20.000	ng	# 0.00
76) Chrysene-d12	21.709	240	189225	20.000	ng	# 0.00
86) Perylene-d12	24.958	264	197455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	58224	67.185	ng	0.00
7) Phenol-d6	7.226	99	47493	40.398	ng	0.00
23) Nitrobenzene-d5	9.224	82	125986	108.481	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	182215	210.207	ng	0.00
45) 2-Fluorobiphenyl	13.313	172	379664	102.328	ng	0.00
79) Terphenyl-d14	20.041	244	922808	98.222	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.177	117	5750	14.882	ng	# 1
19) n-Nitroso-di-n-propyla...	9.224	70	17362	21.982	ng	# 81
51) 2,6-Dinitrotoluene	14.688	165	7913	9.532	ng	# 22
54) 2,4-Dinitrophenol	14.976	184	312	7.672	ng	# 11
67) 4-Bromophenyl-phenylether	16.175	248	11371	5.786	ng	# 1
73) Carbazole	17.832	167	52296	7.718	ng	97

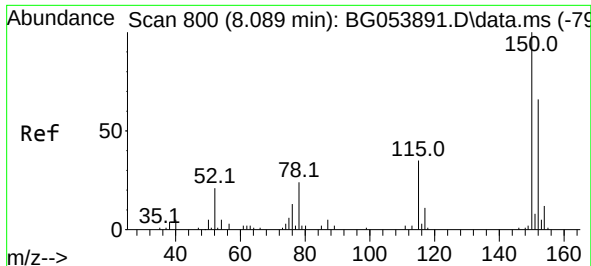
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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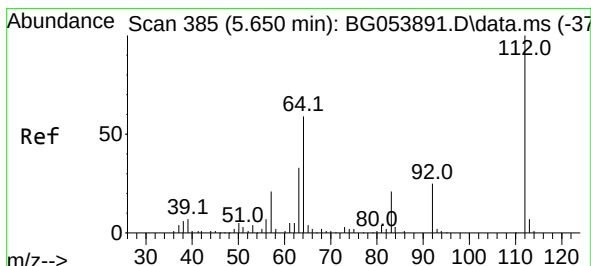
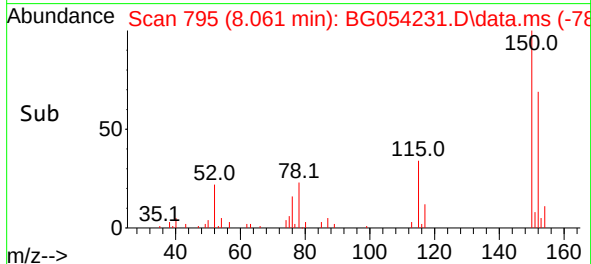
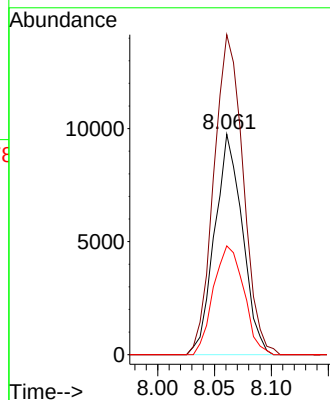
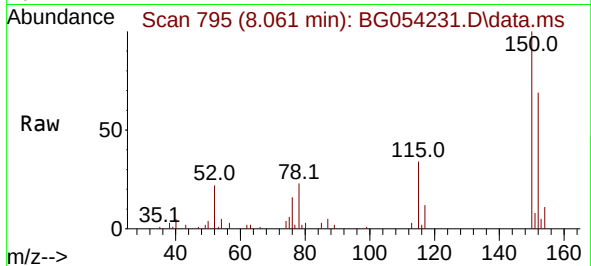




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.061 min Scan# 79
Delta R.T. -0.009 min
Lab File: BG054231.D
Acq: 7 Jul 2022 19:00

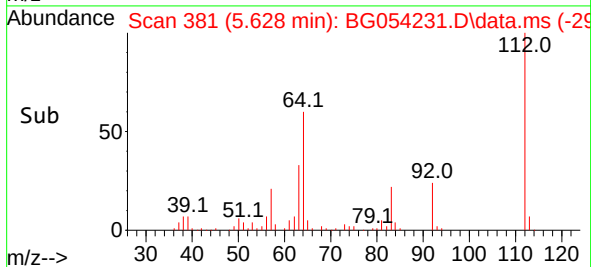
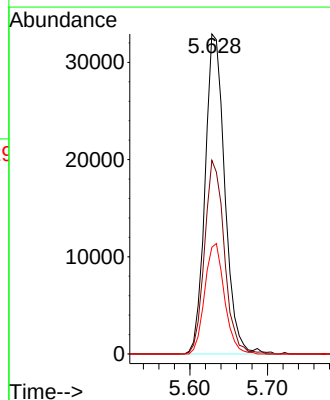
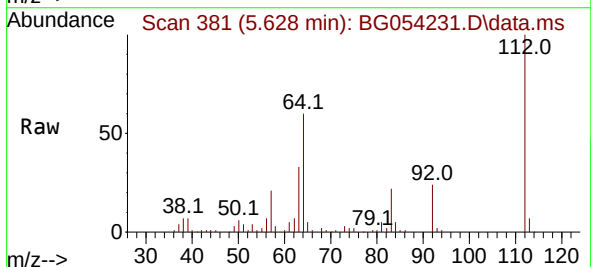
Instrument :
BNA_G
ClientSampleId :
MW-05

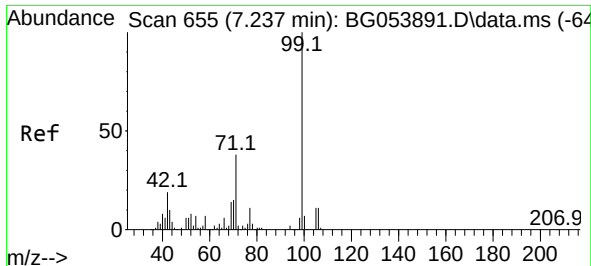
Tgt Ion:152 Resp: 16569
Ion Ratio Lower Upper
152 100
150 145.1 131.6 197.4
115 49.4 50.9 76.3#



#5
2-Fluorophenol
Concen: 67.185 ng
RT: 5.628 min Scan# 381
Delta R.T. -0.010 min
Lab File: BG054231.D
Acq: 7 Jul 2022 19:00

Tgt Ion:112 Resp: 58224
Ion Ratio Lower Upper
112 100
64 60.5 55.1 82.7
63 33.3 30.4 45.6

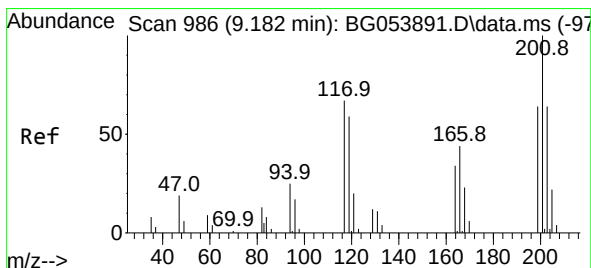
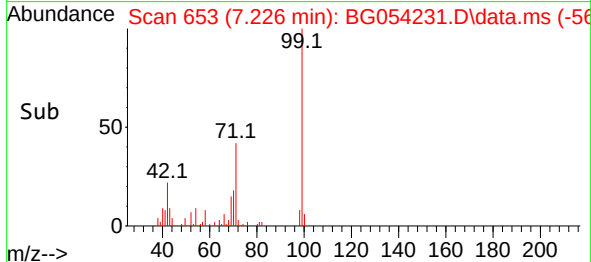
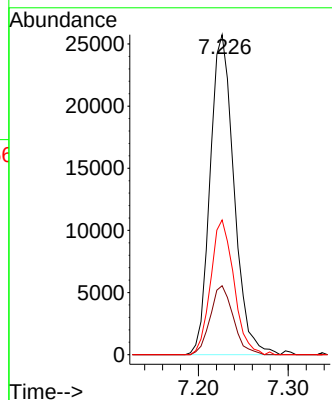
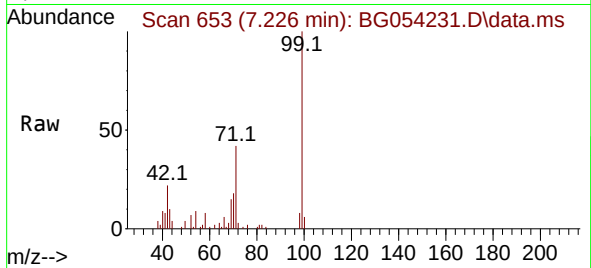




#7
Phenol-d6
Concen: 40.398 ng
RT: 7.226 min Scan# 611
Delta R.T. -0.004 min
Lab File: BG054231.D
Acq: 7 Jul 2022 19:00

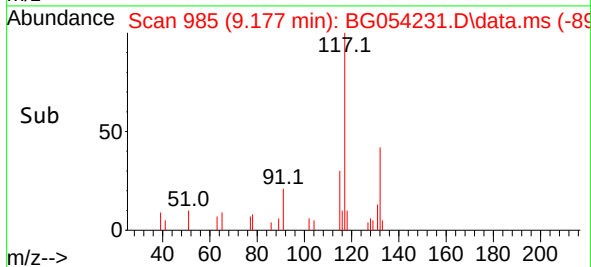
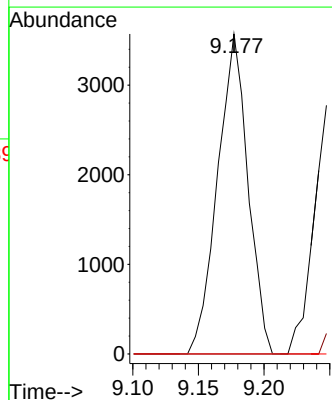
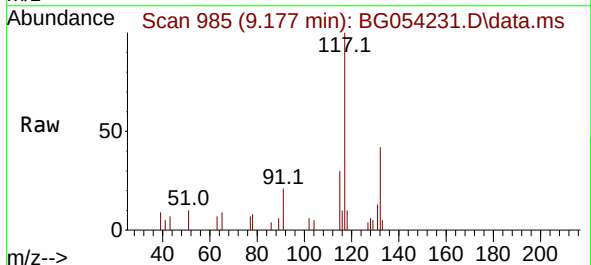
Instrument :
BNA_G
ClientSampleId :
MW-05

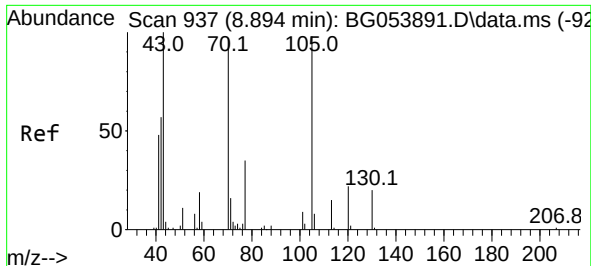
Tgt Ion: 99 Resp: 47493
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 42.1 33.8 50.8



#18
Hexachloroethane
Concen: 14.882 ng
RT: 9.177 min Scan# 985
Delta R.T. 0.014 min
Lab File: BG054231.D
Acq: 7 Jul 2022 19:00

Tgt Ion: 117 Resp: 5750
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.6#
201 0.0 89.0 133.6#

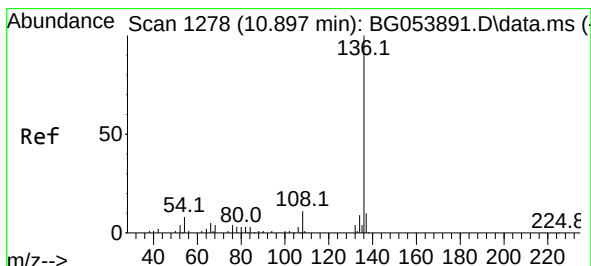
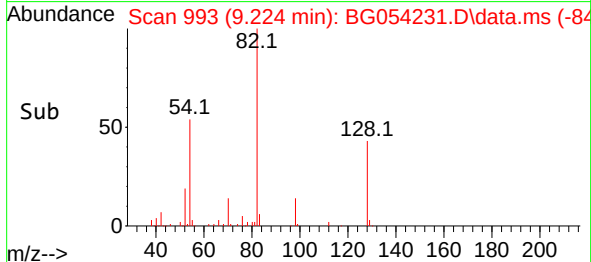
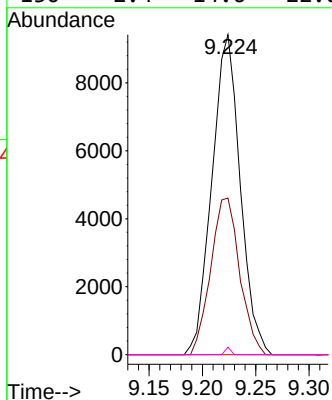
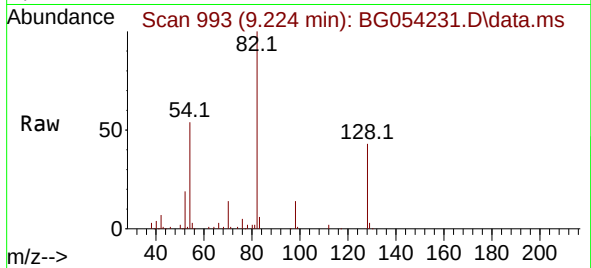




#19
n-Nitroso-di-n-propylamine
Concen: 21.982 ng
RT: 9.224 min Scan# 91
Delta R.T. 0.349 min
Lab File: BG054231.D
Acq: 7 Jul 2022 19:00

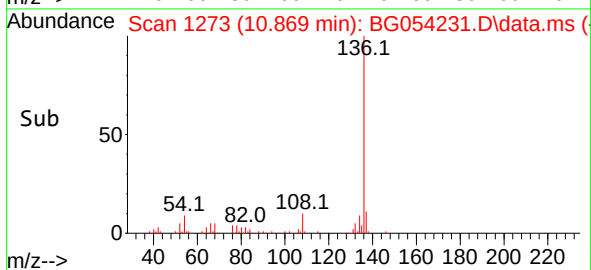
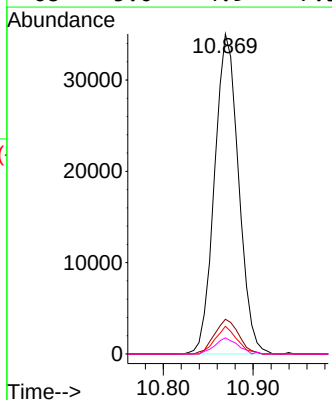
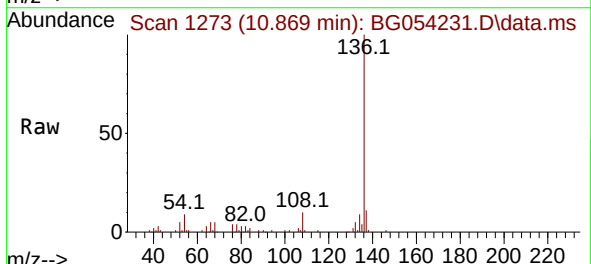
Instrument :
BNA_G
ClientSampleId :
MW-05

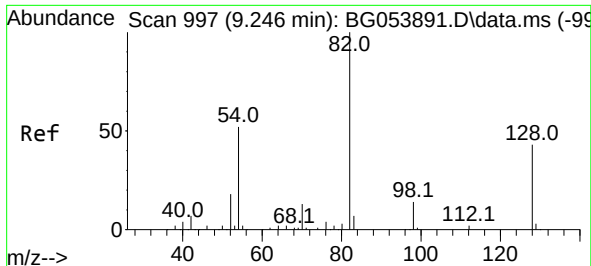
Tgt Ion: 70 Resp: 17362
Ion Ratio Lower Upper
70 100
42 48.9 47.3 70.9
101 0.0 7.0 10.4#
130 2.4 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.869 min Scan# 1273
Delta R.T. -0.010 min
Lab File: BG054231.D
Acq: 7 Jul 2022 19:00

Tgt Ion: 136 Resp: 65264
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 8.7 7.4 11.2
68 5.0 4.9 7.3

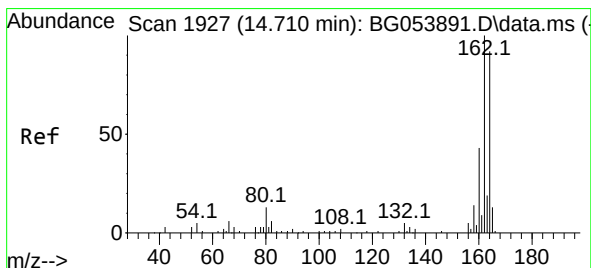
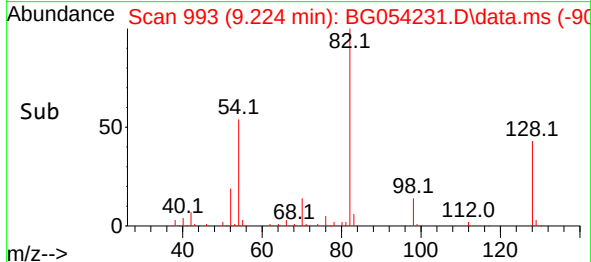
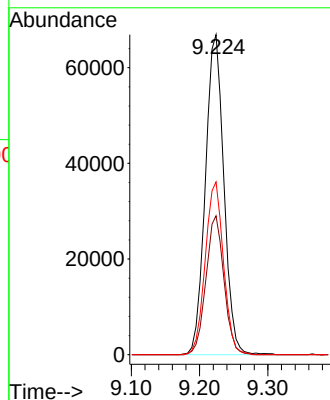
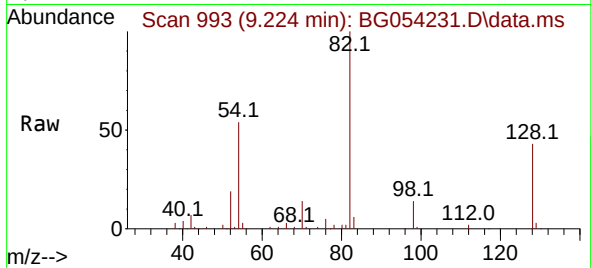




#23
 Nitrobenzene-d5
 Concen: 108.481 ng
 RT: 9.224 min Scan# 997
 Delta R.T. -0.010 min
 Lab File: BG054231.D
 Acq: 7 Jul 2022 19:00

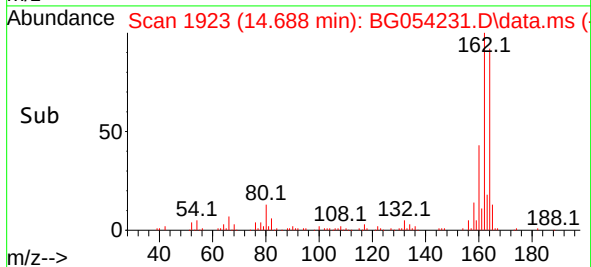
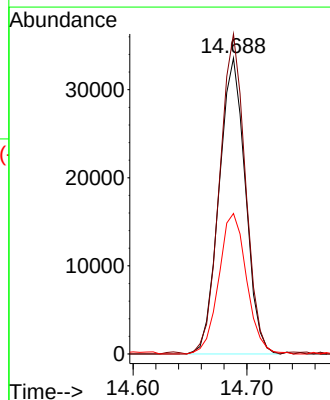
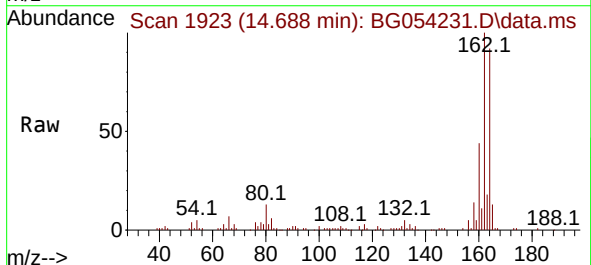
Instrument :
 BNA_G
 ClientSampleId :
 MW-05

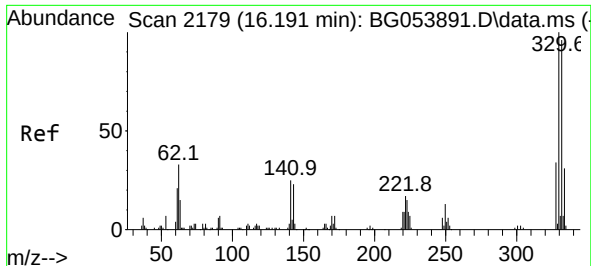
Tgt Ion: 82 Resp: 125986
 Ion Ratio Lower Upper
 82 100
 128 43.4 27.9 41.9#
 54 54.0 41.2 61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.688 min Scan# 1923
 Delta R.T. -0.010 min
 Lab File: BG054231.D
 Acq: 7 Jul 2022 19:00

Tgt Ion: 164 Resp: 53952
 Ion Ratio Lower Upper
 164 100
 162 108.1 82.3 123.5
 160 47.5 34.2 51.2

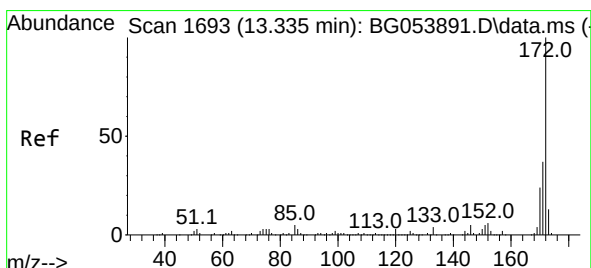
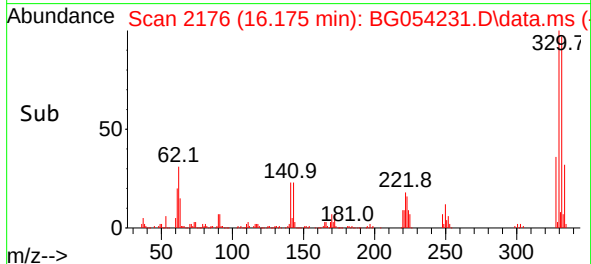
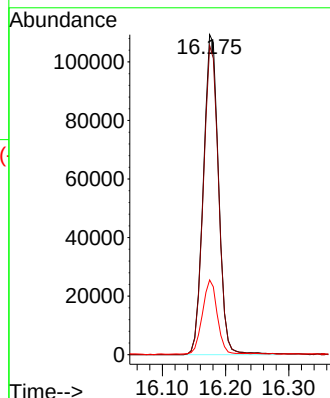
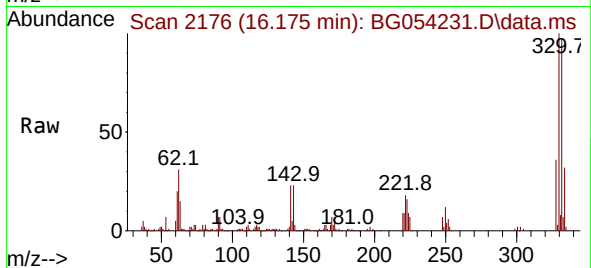




#42
2,4,6-Tribromophenol
Concen: 210.207 ng
RT: 16.175 min Scan# 2179
Delta R.T. -0.010 min
Lab File: BG054231.D
Acq: 7 Jul 2022 19:00

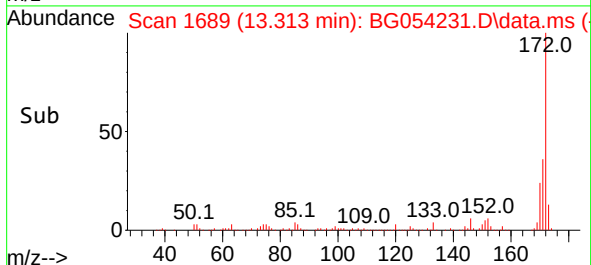
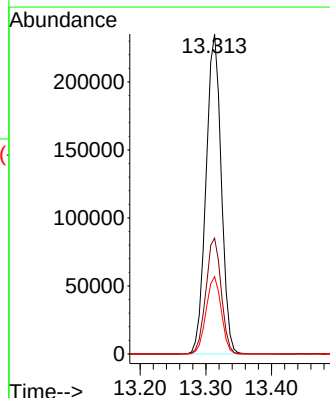
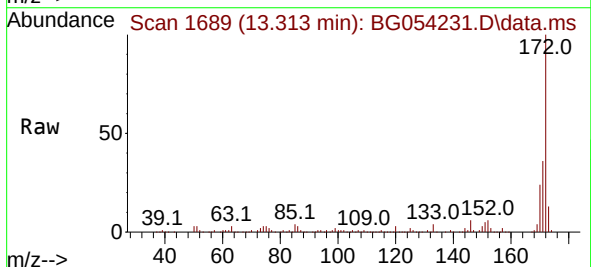
Instrument :
BNA_G
ClientSampleId :
MW-05

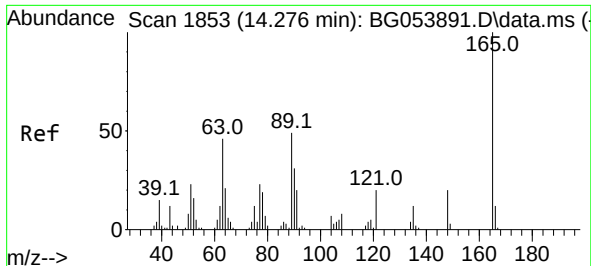
Tgt Ion:330 Resp: 182215
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 22.8 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 102.328 ng
RT: 13.313 min Scan# 1689
Delta R.T. -0.010 min
Lab File: BG054231.D
Acq: 7 Jul 2022 19:00

Tgt Ion:172 Resp: 379664
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.1 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 9.532 ng

RT: 14.688 min Scan# 1923

Delta R.T. 0.425 min

Lab File: BG054231.D

Acq: 7 Jul 2022 19:00

Instrument :

BNA_G

ClientSampleId :

MW-05

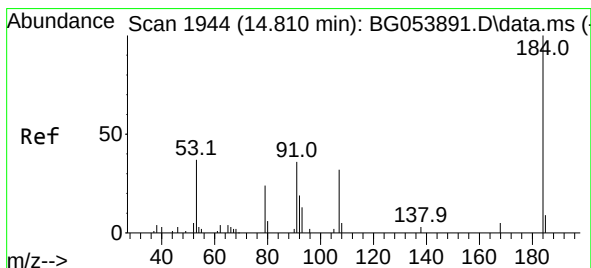
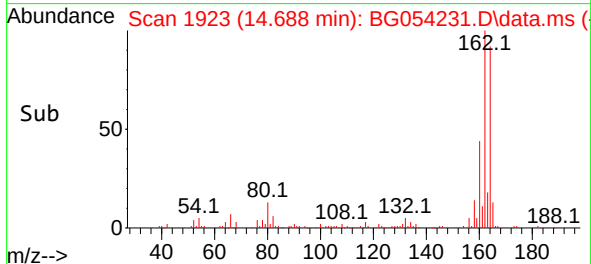
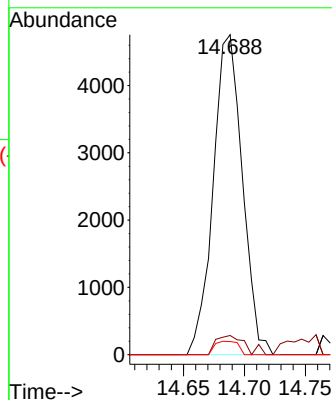
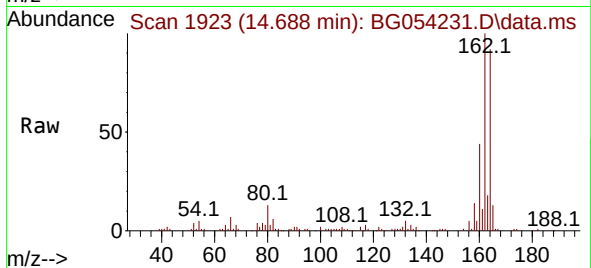
Tgt Ion:165 Resp: 7913

Ion Ratio Lower Upper

165 100

63 6.0 54.1 81.1#

89 4.1 54.8 82.2#



#54

2,4-Dinitrophenol

Concen: 7.672 ng

RT: 14.976 min Scan# 1972

Delta R.T. 0.172 min

Lab File: BG054231.D

Acq: 7 Jul 2022 19:00

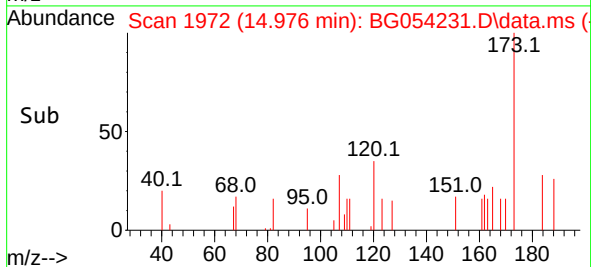
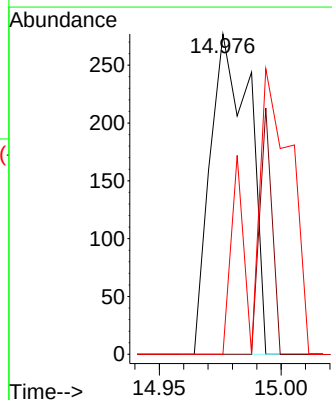
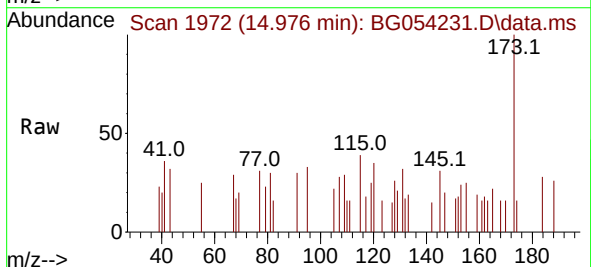
Tgt Ion:184 Resp: 312

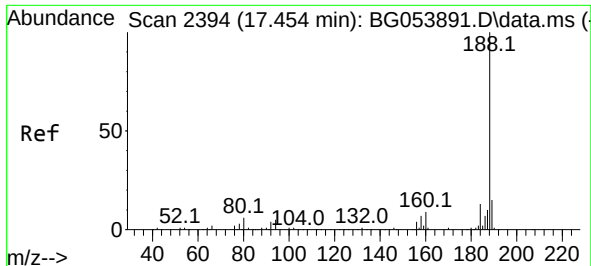
Ion Ratio Lower Upper

184 100

63 0.0 61.1 91.7#

154 0.0 60.6 91.0#

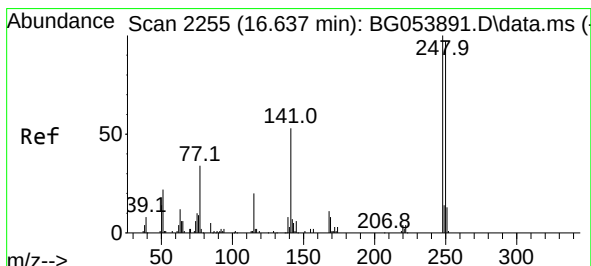
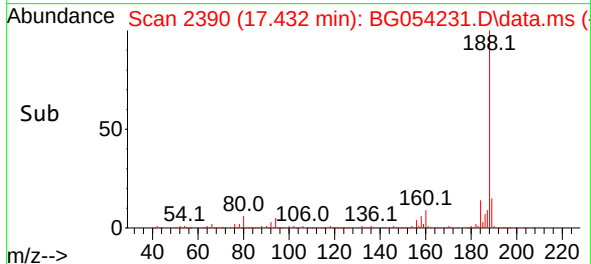
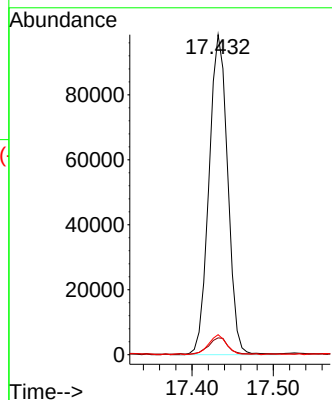
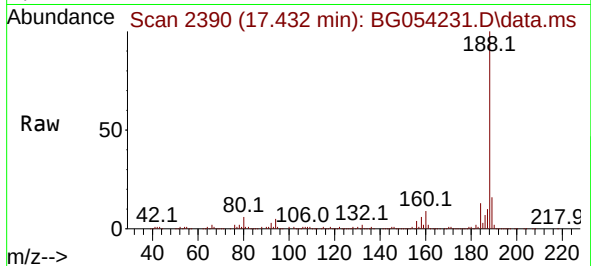




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.432 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG054231.D
Acq: 7 Jul 2022 19:00

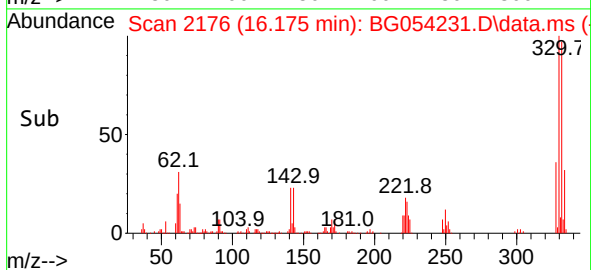
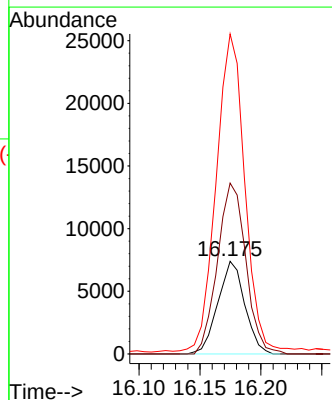
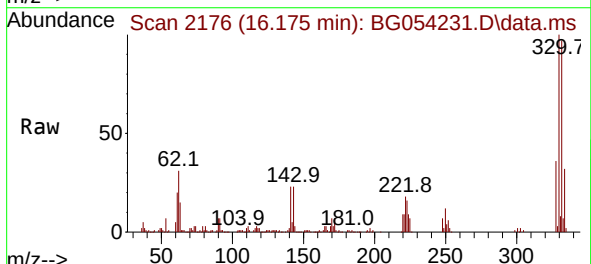
Instrument :
BNA_G
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MW-05

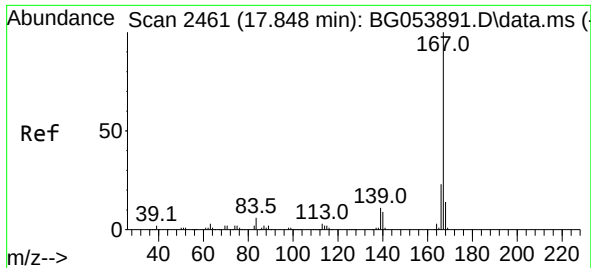
Tgt Ion:188 Resp: 157350
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 6.2 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 5.786 ng
RT: 16.175 min Scan# 2176
Delta R.T. -0.450 min
Lab File: BG054231.D
Acq: 7 Jul 2022 19:00

Tgt Ion:248 Resp: 11371
Ion Ratio Lower Upper
248 100
250 181.4 75.2 112.8#
141 262.7 50.0 75.0#

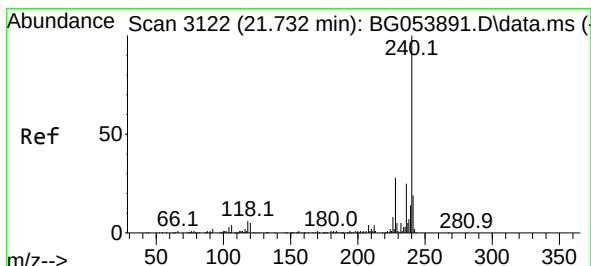
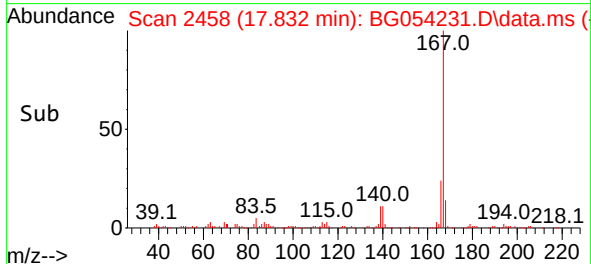
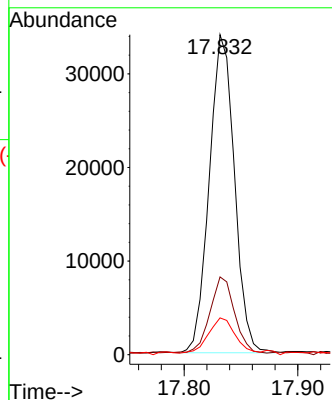
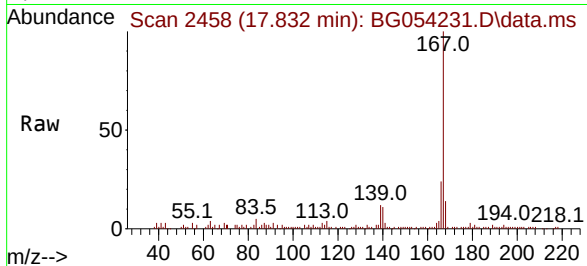




#73
 Carbazole
 Concen: 7.718 ng
 RT: 17.832 min Scan# 2461
 Delta R.T. -0.010 min
 Lab File: BG054231.D
 Acq: 7 Jul 2022 19:00

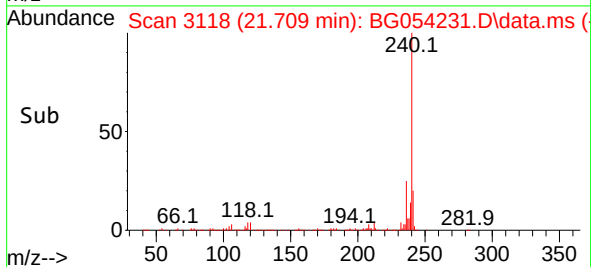
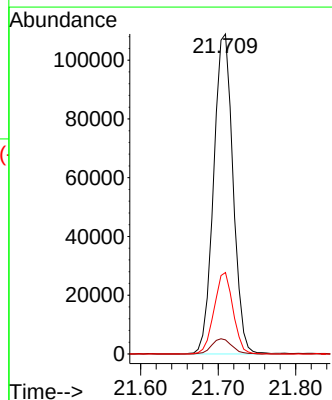
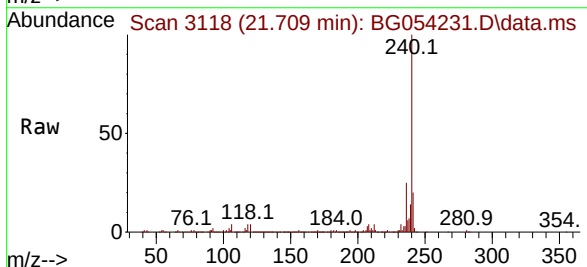
Instrument :
 BNA_G
 ClientSampleId :
 MW-05

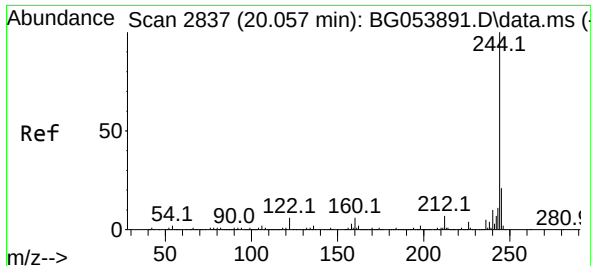
Tgt Ion:167 Resp: 52296
 Ion Ratio Lower Upper
 167 100
 166 24.3 18.2 27.2
 139 11.5 10.1 15.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.709 min Scan# 3118
 Delta R.T. -0.010 min
 Lab File: BG054231.D
 Acq: 7 Jul 2022 19:00

Tgt Ion:240 Resp: 189225
 Ion Ratio Lower Upper
 240 100
 120 4.4 4.6 7.0#
 236 25.5 20.2 30.4

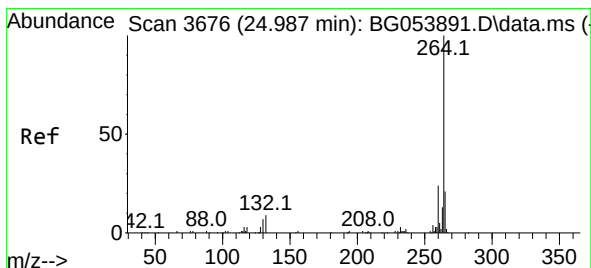
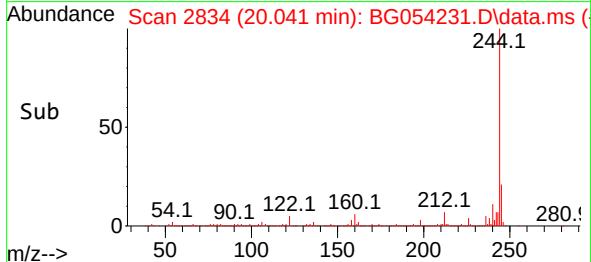
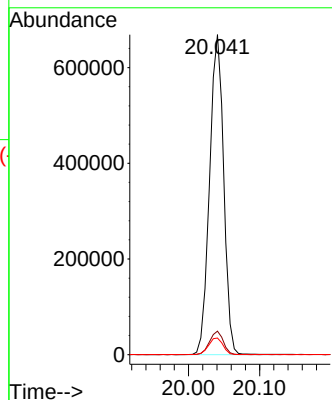
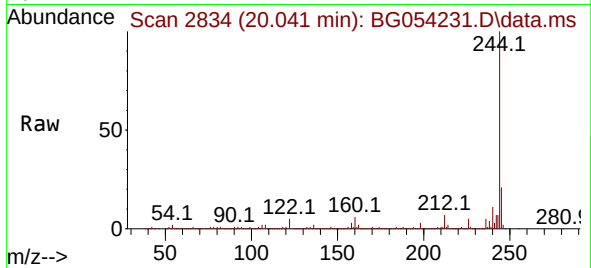




#79
 Terphenyl-d14
 Concen: 98.222 ng
 RT: 20.041 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054231.D
 Acq: 7 Jul 2022 19:00

Instrument :
 BNA_G
 ClientSampleId :
 MW-05

Tgt Ion:244 Resp: 922808
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 5.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.958 min Scan# 3671
 Delta R.T. -0.004 min
 Lab File: BG054231.D
 Acq: 7 Jul 2022 19:00

Tgt Ion:264 Resp: 197455
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.6
 265 21.3 17.4 26.2

