

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
 Data File : BG052523.D
 Acq On : 1 Mar 2022 17:40
 Operator : CG/JU
 Sample : N1688-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Quant Time: Mar 02 01:52:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

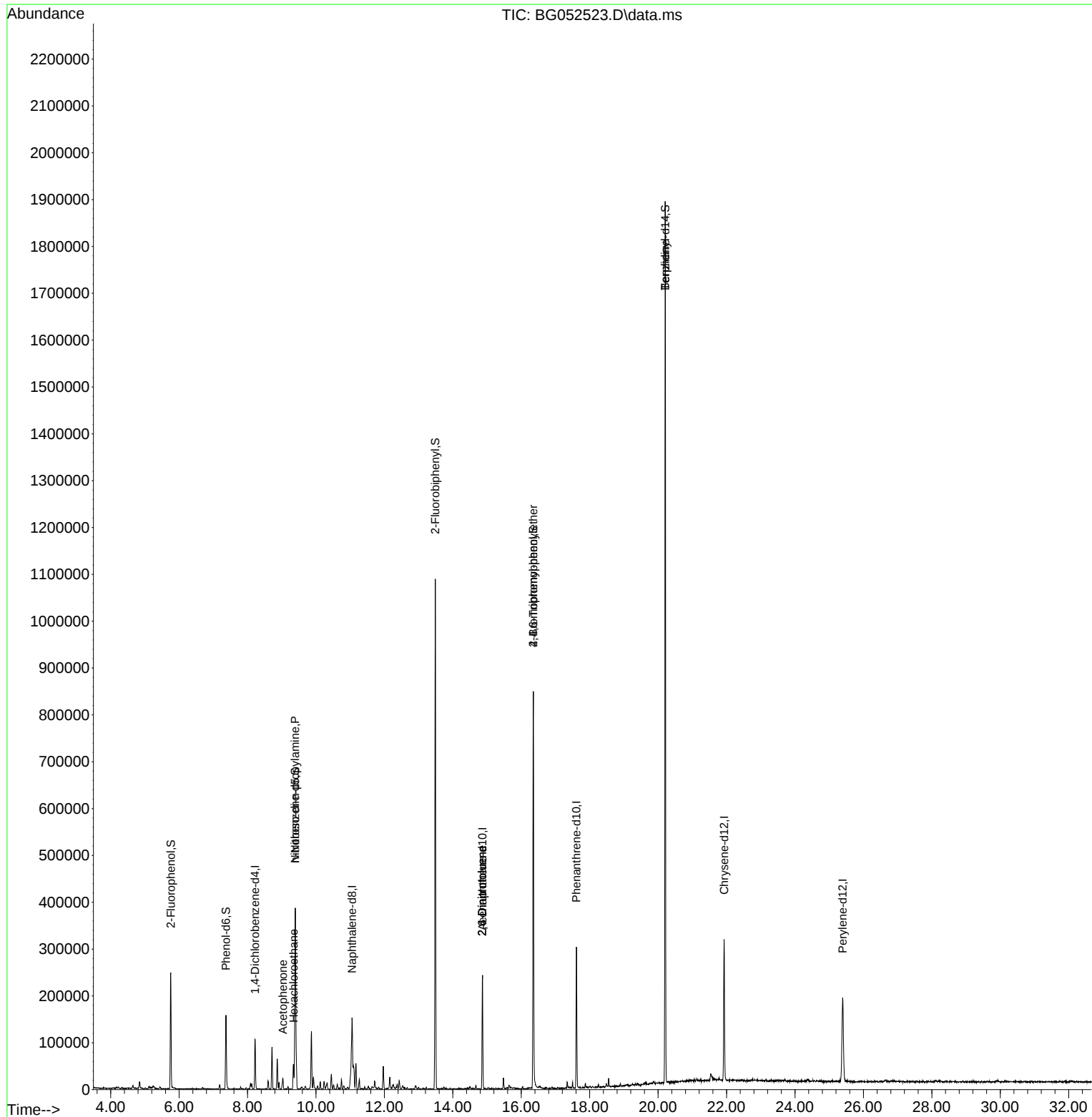
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	30699	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	121778	20.000	ng	#-0.01
39) Acenaphthene-d10	14.867	164	84875	20.000	ng	0.00
64) Phenanthrene-d10	17.610	188	195691	20.000	ng	-0.01
76) Chrysene-d12	21.928	240	201141	20.000	ng	#-0.01
86) Perylene-d12	25.394	264	212472	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	112804	64.042	ng	0.00
7) Phenol-d6	7.365	99	96355	35.454	ng	0.00
23) Nitrobenzene-d5	9.392	82	249245	88.953	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	181597	148.927	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	565102	92.516	ng	0.00
79) Terphenyl-d14	20.207	244	981553	86.173	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.360	77	91	Below Cal	#	23
18) Hexachloroethane	9.345	117	15360	19.627	ng	# 38
19) n-Nitroso-di-n-propyla...	9.392	70	35188	17.174	ng	# 68
22) Acetophenone	9.034	105	16553	5.143	ng	# 53
51) 2,6-Dinitrotoluene	14.861	165	11114	7.921	ng	# 20
57) 2,4-Dinitrotoluene	14.861	165	11114	5.565	ng	# 19
67) 4-Bromophenyl-phenylether	16.353	248	11292	4.745	ng	# 1
77) Benzidine	20.207	184	14223	3.309	ng	# 92

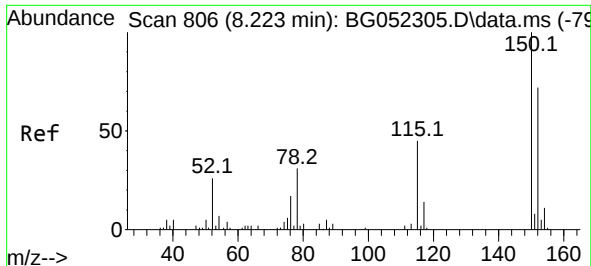
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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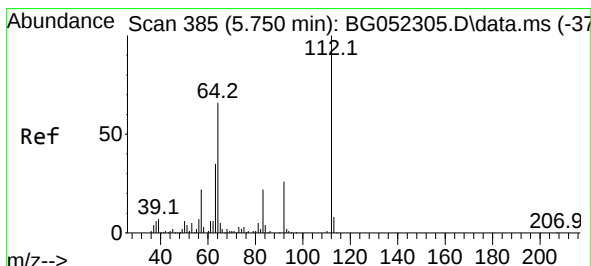
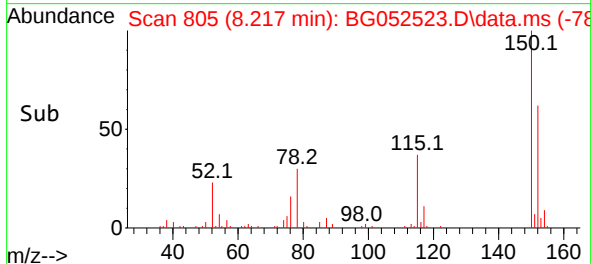
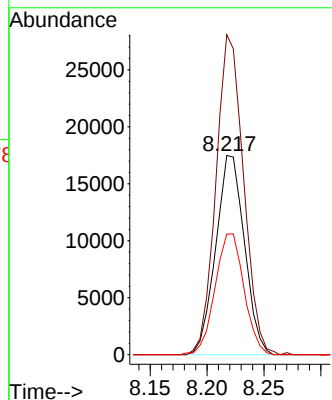
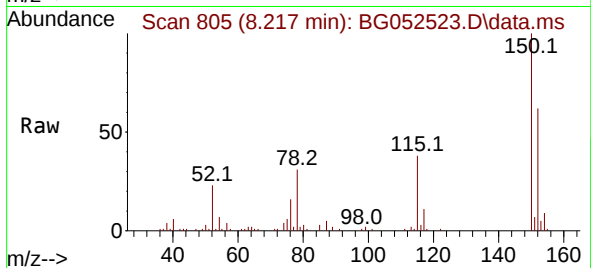




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

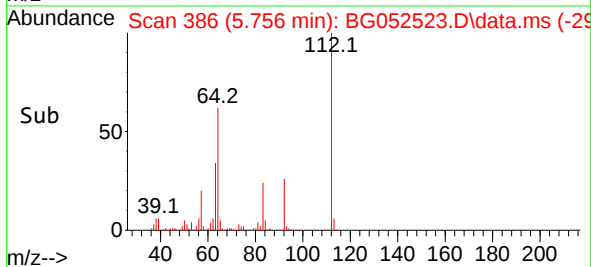
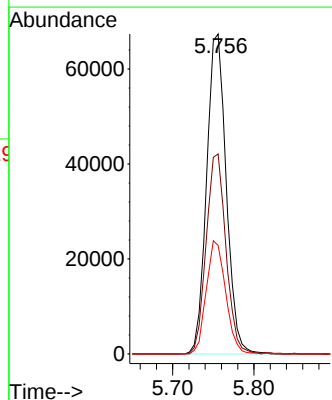
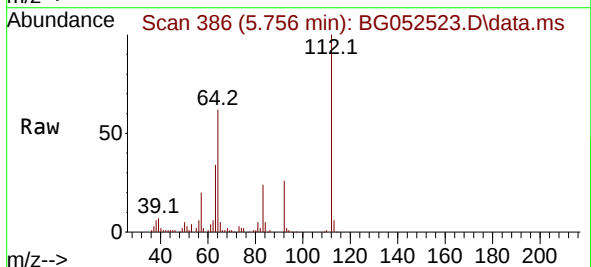
Instrument :
BNA_G
ClientSampleId :
MW-24

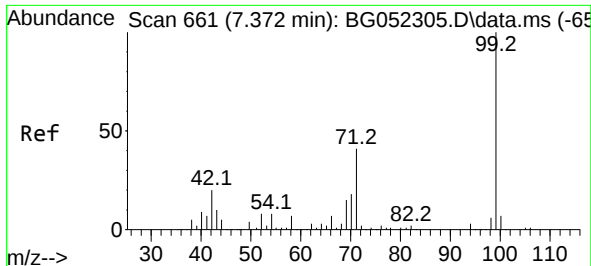
Tgt Ion:152 Resp: 30699
Ion Ratio Lower Upper
152 100
150 160.6 117.8 176.8
115 60.4 50.2 75.2



#5
2-Fluorophenol
Concen: 64.042 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

Tgt Ion:112 Resp: 112804
Ion Ratio Lower Upper
112 100
64 62.5 60.4 90.6
63 33.9 33.3 49.9





#7

Phenol-d6

Concen: 35.454 ng

RT: 7.365 min Scan# 6

Delta R.T. -0.006 min

Lab File: BG052523.D

Acq: 1 Mar 2022 17:40

Instrument :

BNA_G

ClientSampleId :

MW-24

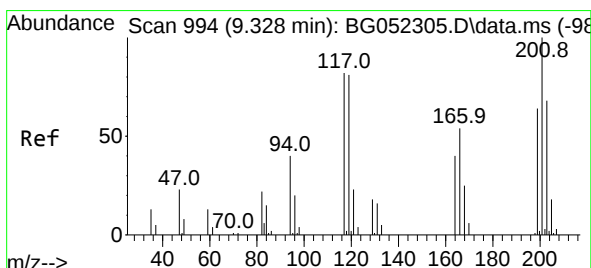
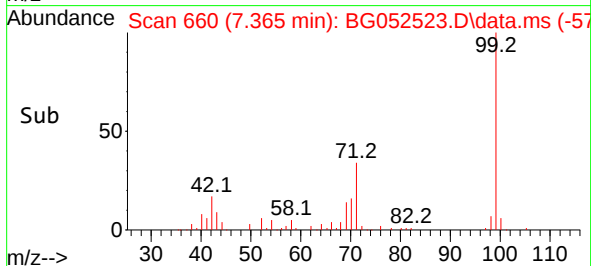
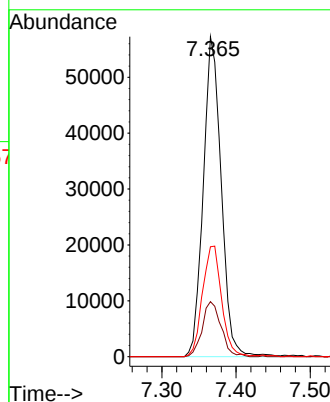
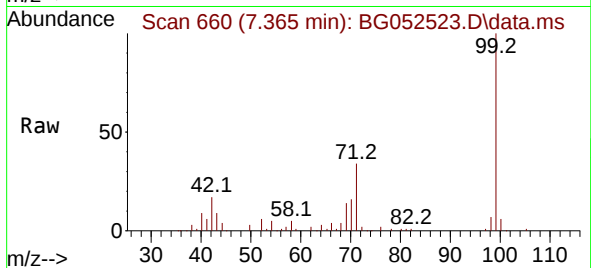
Tgt Ion: 99 Resp: 96355

Ion Ratio Lower Upper

99 100

42 17.2 19.1 28.7#

71 34.4 33.4 50.2



#18

Hexachloroethane

Concen: 19.627 ng

RT: 9.345 min Scan# 997

Delta R.T. 0.017 min

Lab File: BG052523.D

Acq: 1 Mar 2022 17:40

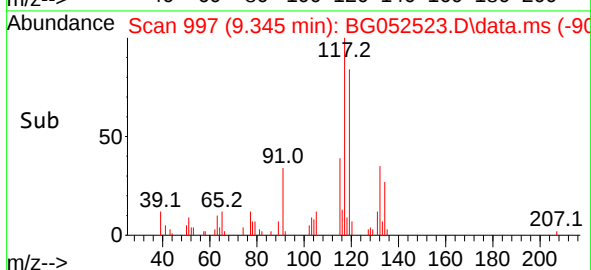
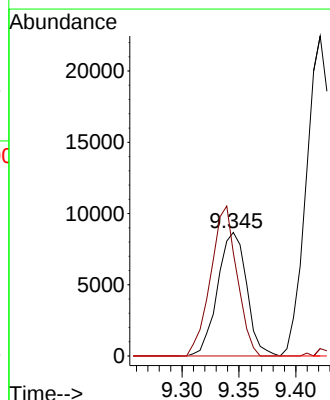
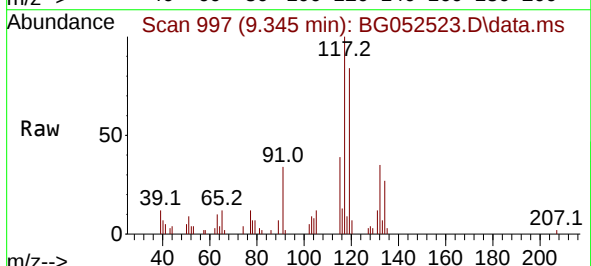
Tgt Ion: 117 Resp: 15360

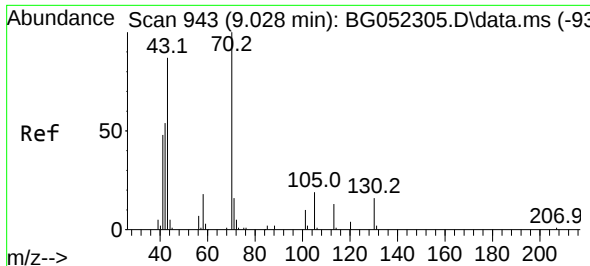
Ion Ratio Lower Upper

117 100

119 83.6 73.5 110.3

201 0.0 91.0 136.6#

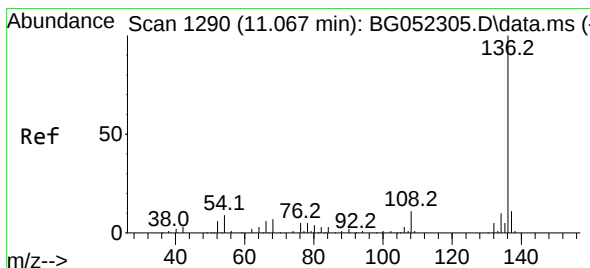
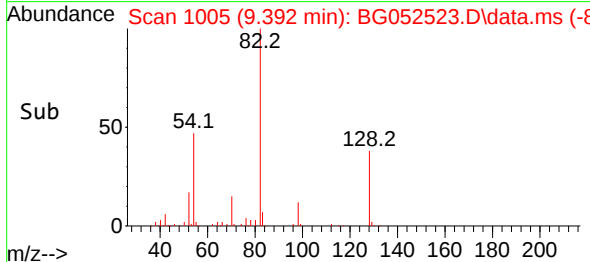
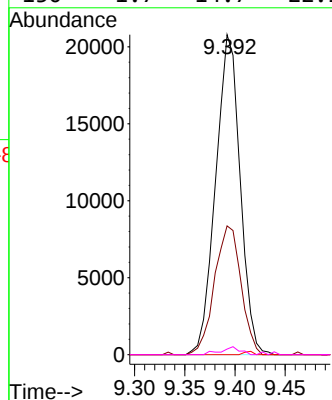
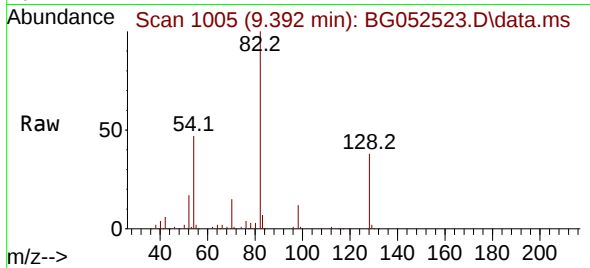




#19
n-Nitroso-di-n-propylamine
Concen: 17.174 ng
RT: 9.392 min Scan# 1005
Delta R.T. 0.364 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

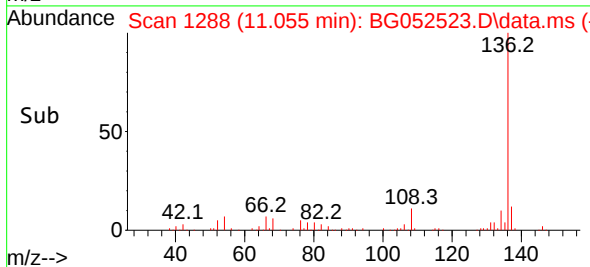
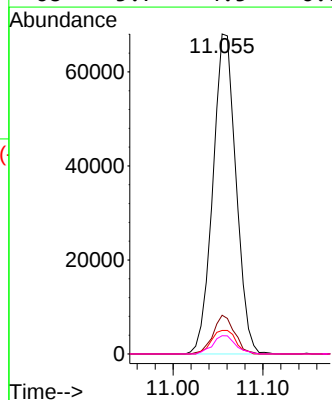
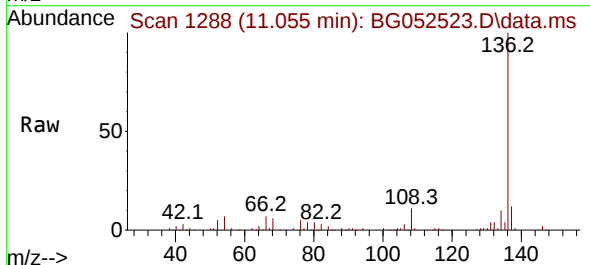
Instrument :
BNA_G
ClientSampleId :
MW-24

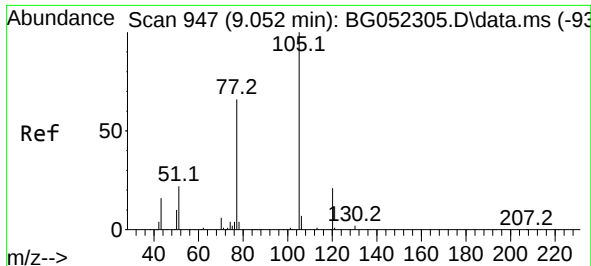
Tgt Ion: 70 Resp: 35188
Ion Ratio Lower Upper
70 100
42 40.3 51.8 77.6#
101 0.0 6.6 10.0#
130 1.7 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

Tgt Ion:136 Resp: 121778
Ion Ratio Lower Upper
136 100
137 12.1 9.1 13.7
54 7.4 8.3 12.5#
68 5.7 4.5 6.7

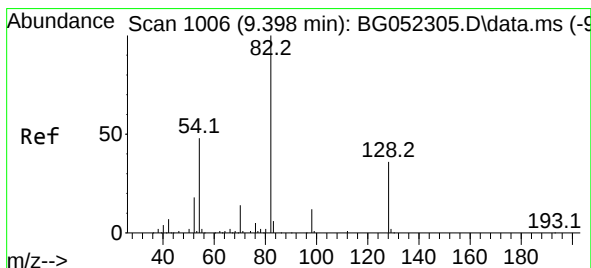
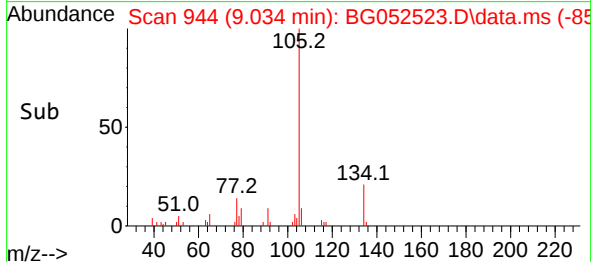
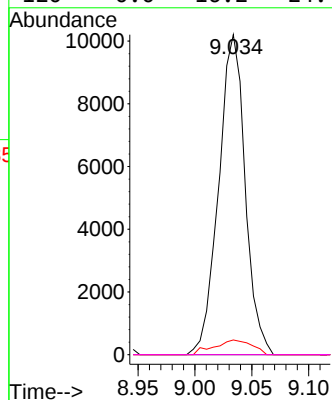
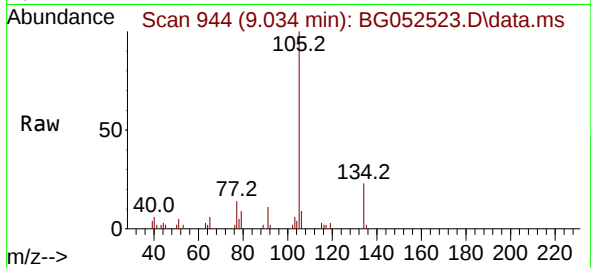




#22
Acetophenone
Concen: 5.143 ng
RT: 9.034 min Scan# 947
Delta R.T. -0.018 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

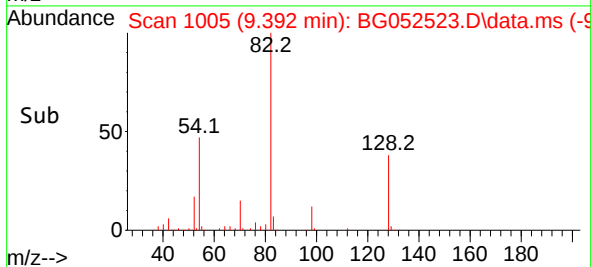
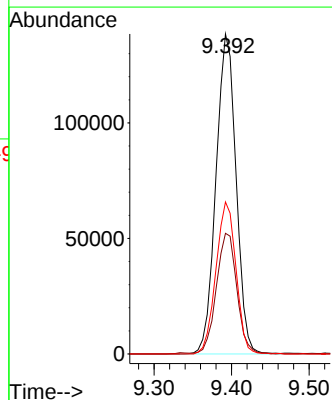
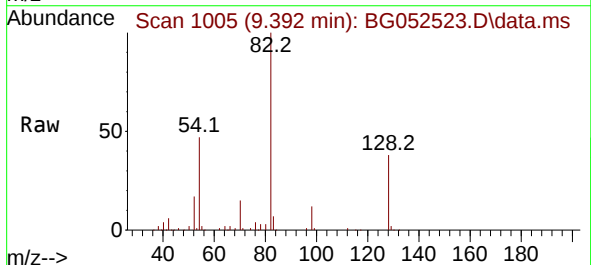
Instrument :
BNA_G
ClientSampleId :
MW-24

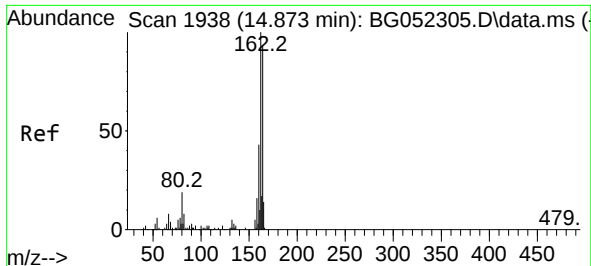
Tgt Ion:105 Resp: 16553
Ion Ratio Lower Upper
105 100
71 0.0 1.8 2.6#
51 4.6 27.0 40.4#
120 0.0 16.2 24.4#



#23
Nitrobenzene-d5
Concen: 88.953 ng
RT: 9.392 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

Tgt Ion: 82 Resp: 249245
Ion Ratio Lower Upper
82 100
128 37.7 27.0 40.4
54 47.5 41.0 61.6

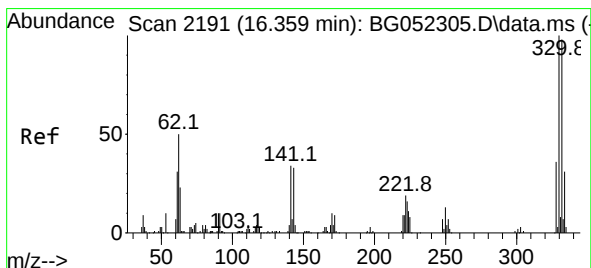
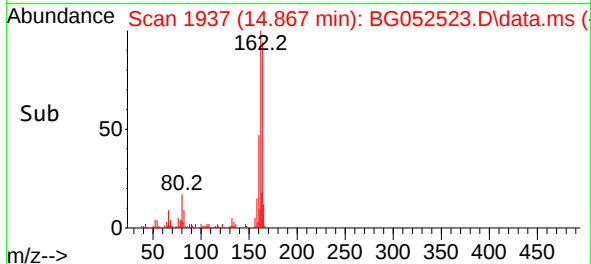
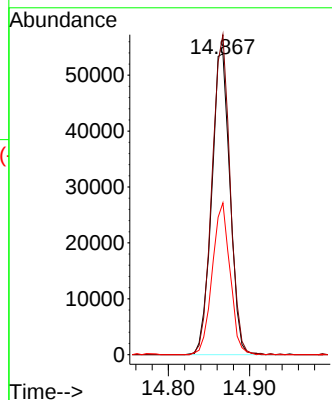
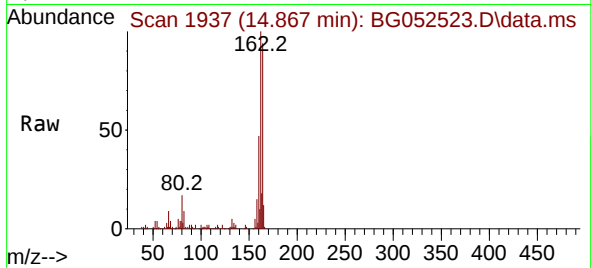




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

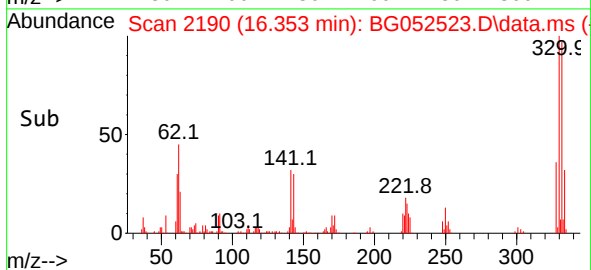
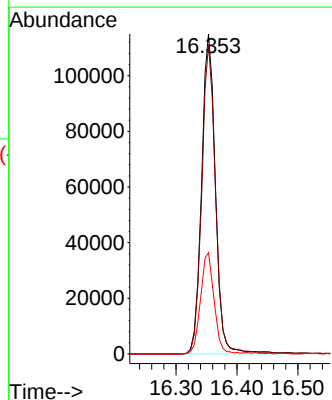
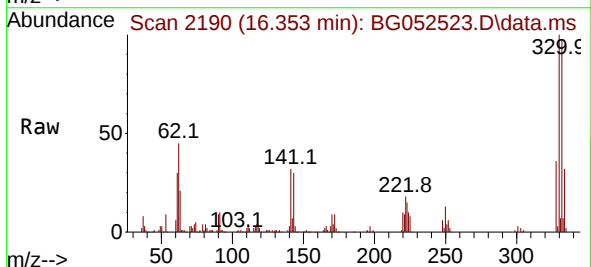
Instrument :
BNA_G
ClientSampleId :
MW-24

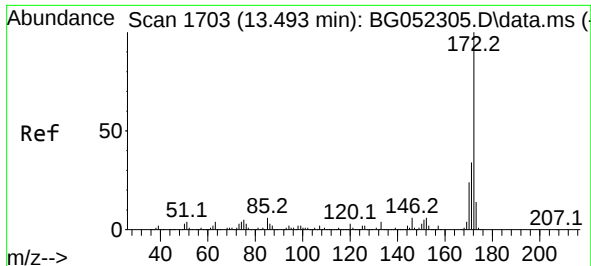
Tgt Ion:164 Resp: 84875
Ion Ratio Lower Upper
164 100
162 106.3 82.2 123.2
160 50.4 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 148.927 ng
RT: 16.353 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

Tgt Ion:330 Resp: 181597
Ion Ratio Lower Upper
330 100
332 96.1 78.6 117.8
141 30.9 28.8 43.2

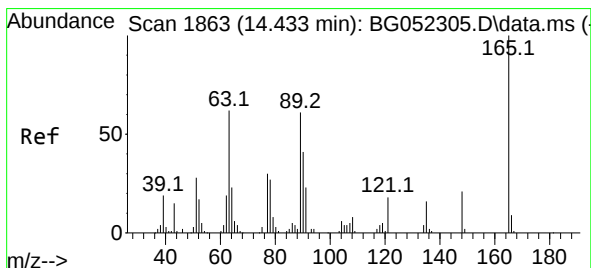
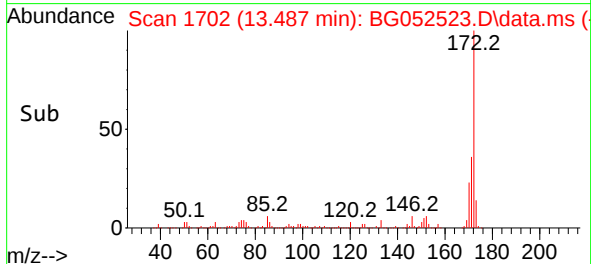
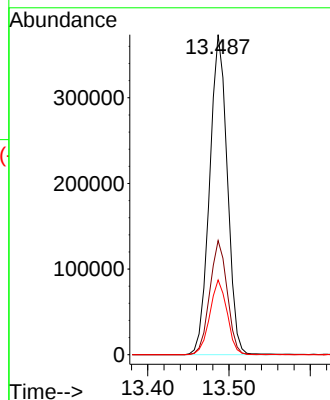
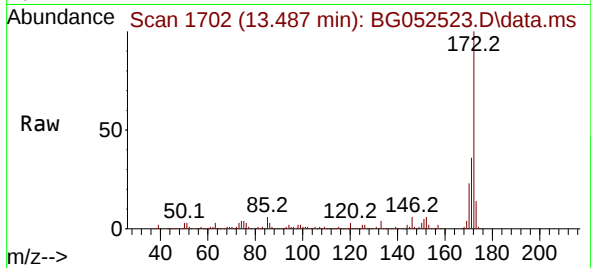




#45
2-Fluorobiphenyl
Concen: 92.516 ng
RT: 13.487 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

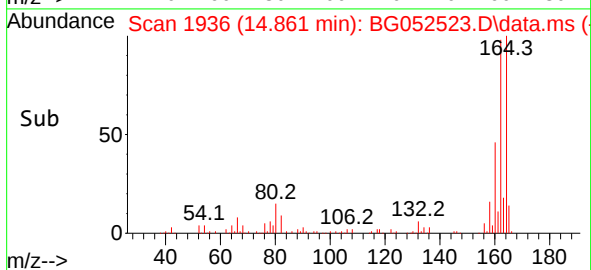
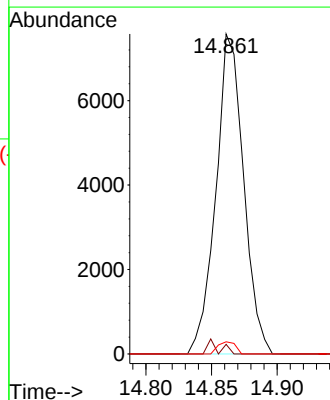
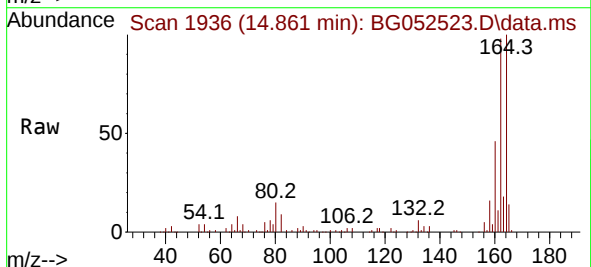
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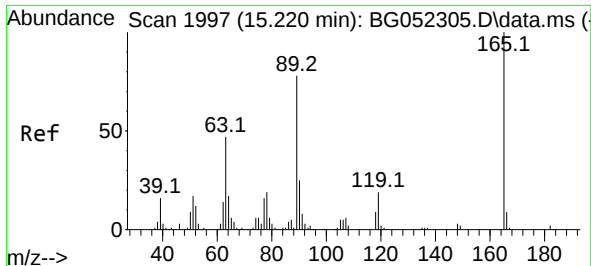
Tgt Ion:172 Resp: 565102
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 7.921 ng
RT: 14.861 min Scan# 1936
Delta R.T. 0.429 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

Tgt Ion:165 Resp: 11114
Ion Ratio Lower Upper
165 100
63 3.0 59.0 88.4#
89 3.8 49.4 74.0#

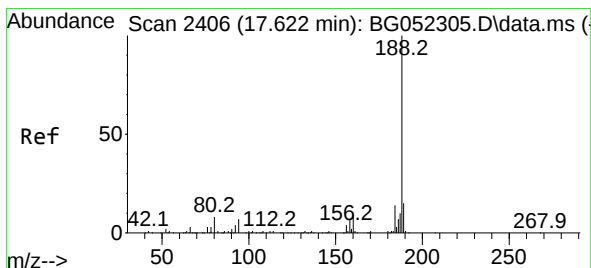
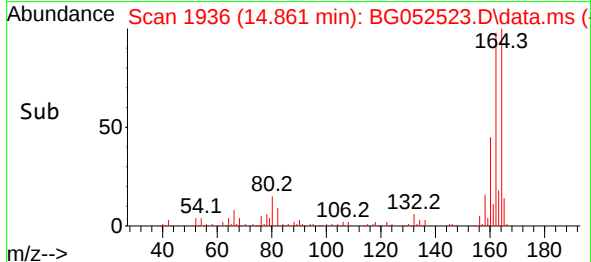
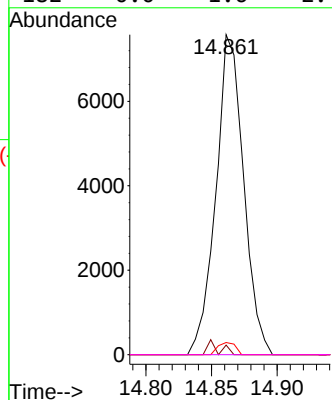
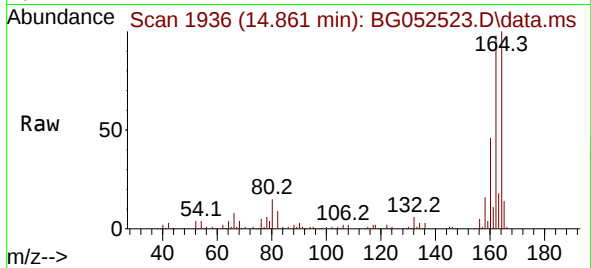




#57
2,4-Dinitrotoluene
Concen: 5.565 ng
RT: 14.861 min Scan# 1936
Delta R.T. -0.359 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

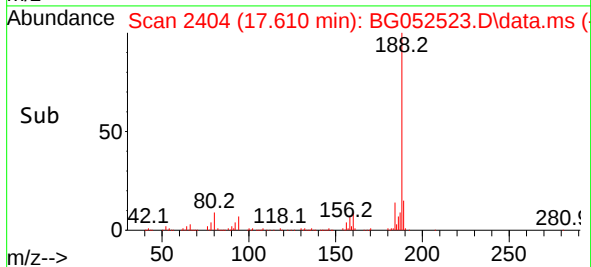
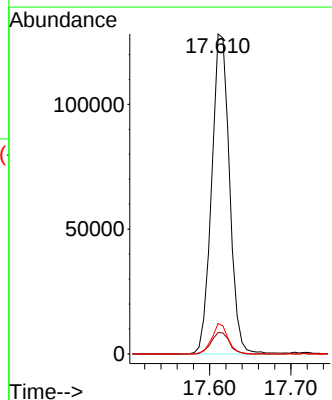
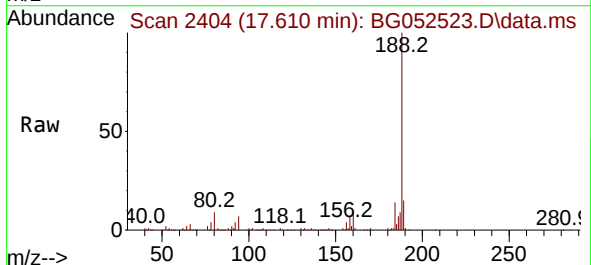
Instrument :
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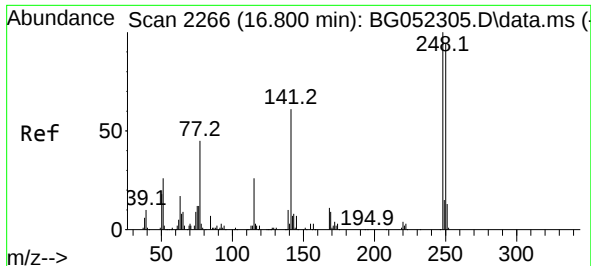
Tgt Ion:165 Resp: 11114
Ion Ratio Lower Upper
165 100
63 3.0 44.6 66.8#
89 3.8 67.4 101.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.610 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

Tgt Ion:188 Resp: 195691
Ion Ratio Lower Upper
188 100
94 6.7 5.9 8.9
80 9.5 6.6 10.0

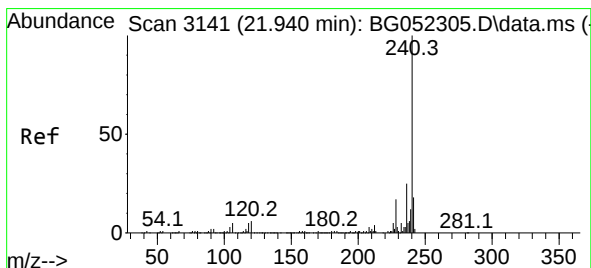
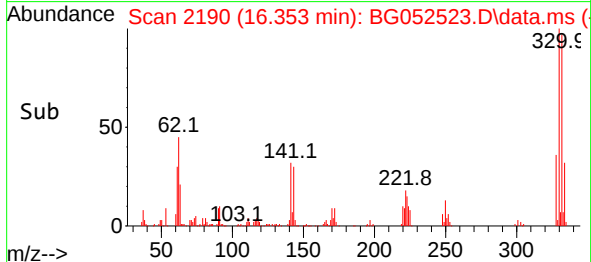
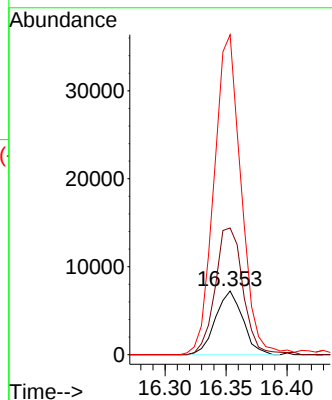
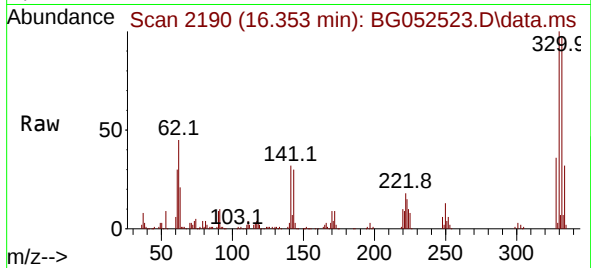




#67
4-Bromophenyl-phenylether
Concen: 4.745 ng
RT: 16.353 min Scan# 21190
Delta R.T. -0.447 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

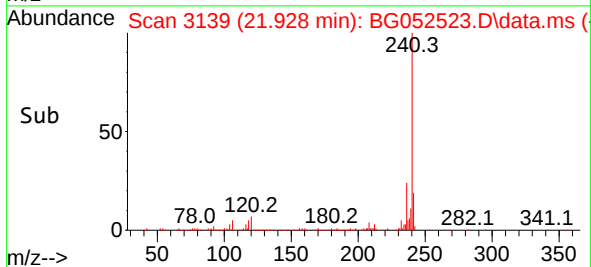
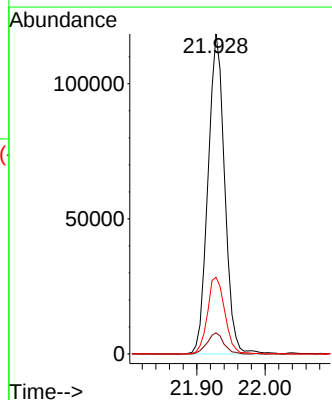
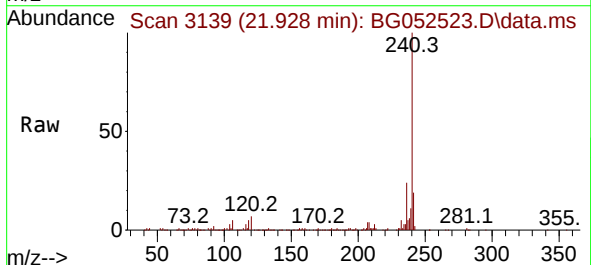
Instrument :
BNA_G
ClientSampleId :
MW-24

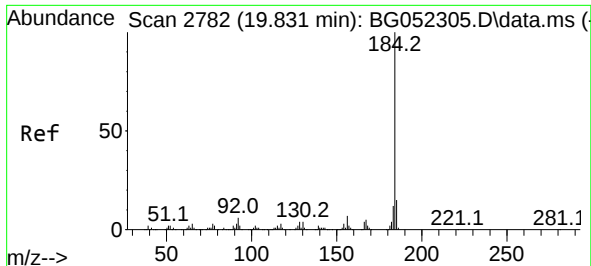
Tgt Ion:248 Resp: 11292
Ion Ratio Lower Upper
248 100
250 198.8 79.6 119.4#
141 502.1 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

Tgt Ion:240 Resp: 201141
Ion Ratio Lower Upper
240 100
120 6.6 4.4 6.6#
236 24.0 20.8 31.2

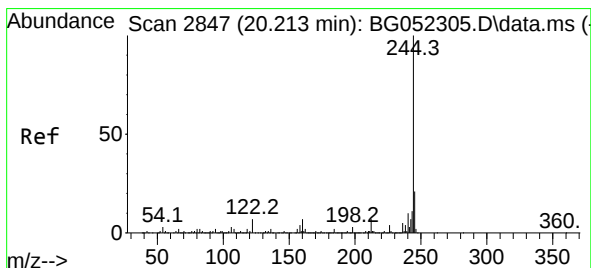
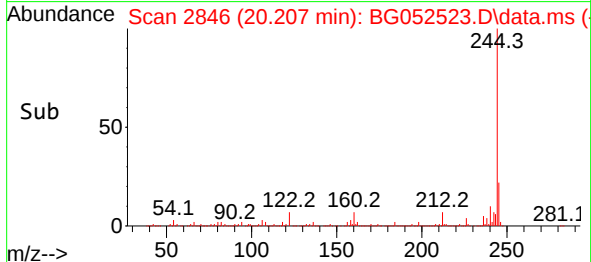
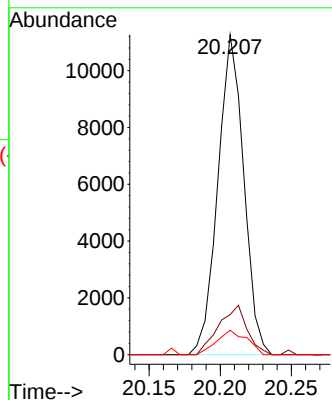
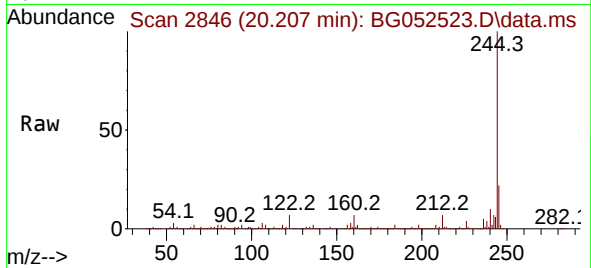




#77
Benzidine
Concen: 3.309 ng
RT: 20.207 min Scan# 2846
Delta R.T. 0.376 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

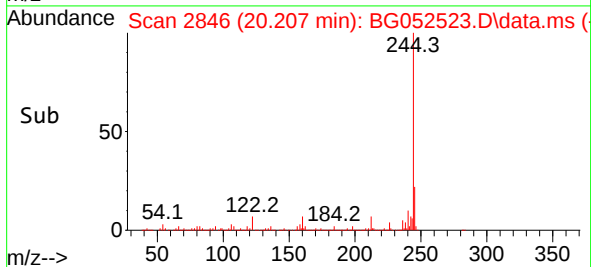
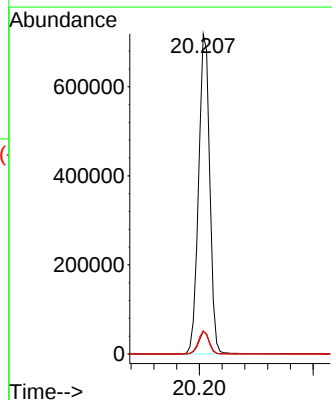
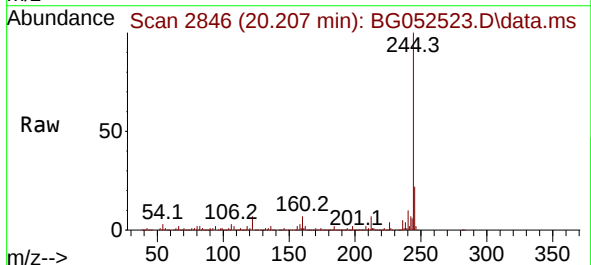
Instrument :
BNA_G
ClientSampleId :
MW-24

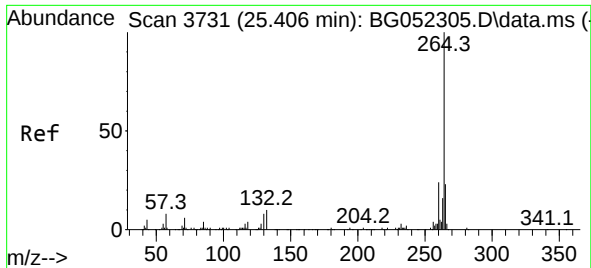
Tgt Ion:184 Resp: 14223
Ion Ratio Lower Upper
184 100
185 12.5 11.8 17.8
183 7.6 9.8 14.6#



#79
Terphenyl-d14
Concen: 86.173 ng
RT: 20.207 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

Tgt Ion:244 Resp: 981553
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 7.3 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.394 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG052523.D
Acq: 1 Mar 2022 17:40

Instrument :
BNA_G
ClientSampleId :
MW-24

Tgt Ion:264 Resp: 212472
Ion Ratio Lower Upper
264 100
260 22.7 18.5 27.7
265 22.0 17.8 26.6

