

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
 Data File : BG052527.D
 Acq On : 1 Mar 2022 20:14
 Operator : CG/JU
 Sample : N1688-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-18R

Quant Time: Mar 02 01:52:50 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)

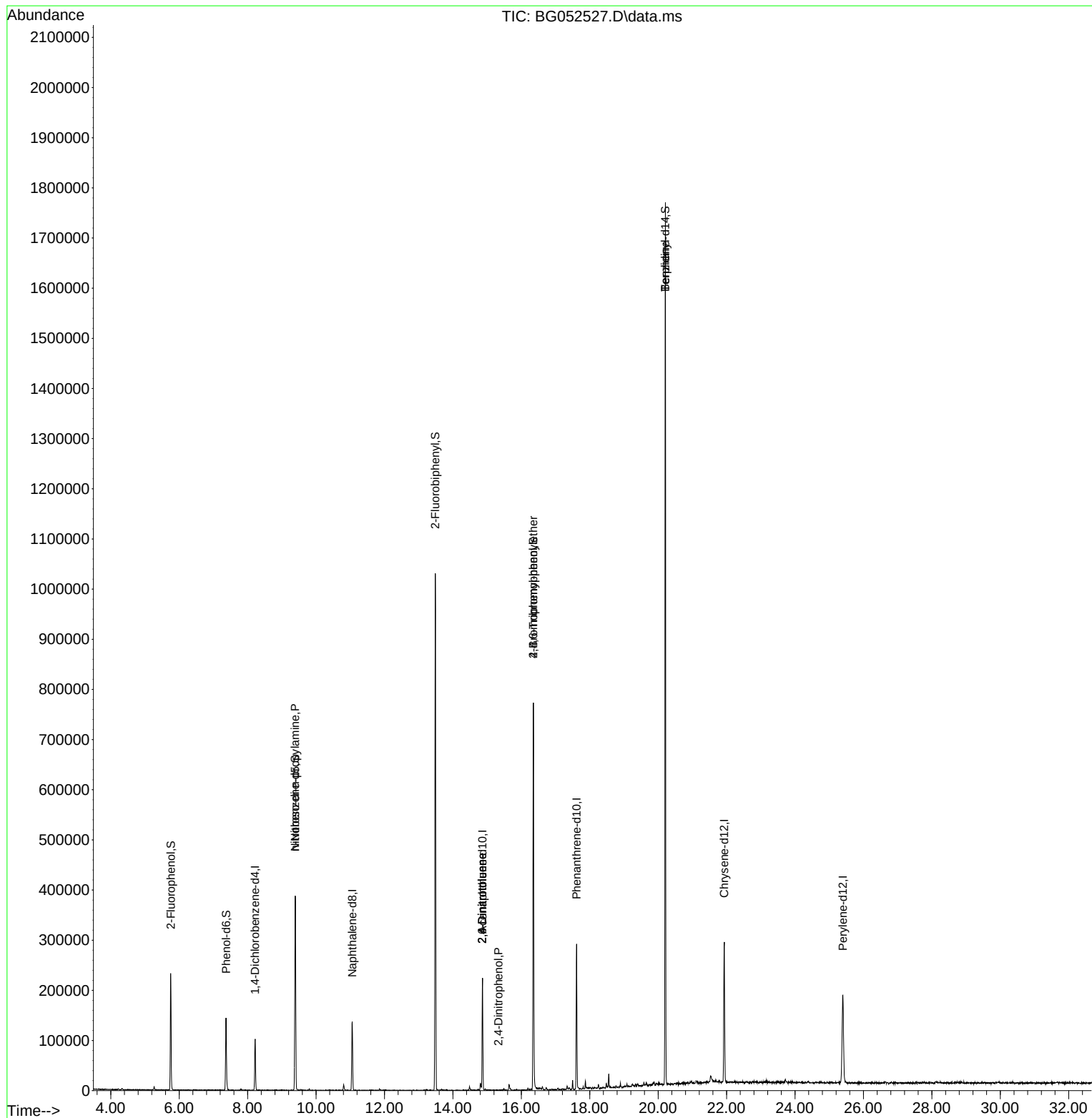
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	29116	20.000	ng	0.00
21) Naphthalene-d8	11.059	136	120384	20.000	ng	0.00
39) Acenaphthene-d10	14.866	164	78937	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	182417	20.000	ng	0.00
76) Chrysene-d12	21.933	240	195741	20.000	ng	0.00
86) Perylene-d12	25.399	264	207718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	104622	62.626	ng	0.00
7) Phenol-d6	7.370	99	85342	33.109	ng	0.00
23) Nitrobenzene-d5	9.391	82	252828	91.276	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	162530	143.317	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	563645	99.219	ng	0.00
79) Terphenyl-d14	20.212	244	913172	82.381	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.364	77	56	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.391	70	35652	18.347	ng	# 70
51) 2,6-Dinitrotoluene	14.860	165	10822	8.293	ng	# 16
54) 2,4-Dinitrophenol	15.330	184	54	4.965	ng	# 17
57) 2,4-Dinitrotoluene	14.860	165	10822	5.827	ng	# 15
67) 4-Bromophenyl-phenylether	16.352	248	10565	4.762	ng	# 1
77) Benizidine	20.212	184	12758	3.050	ng	# 96

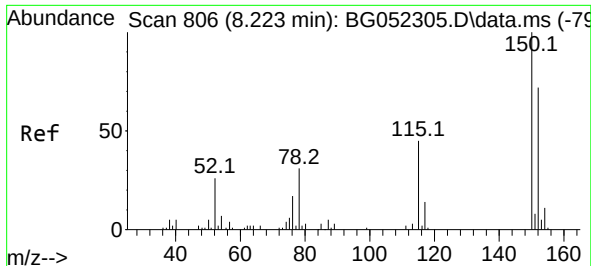
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052527.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_G
ClientSampleId :
MW-18R

Quant Time: Mar 02 01:52:50 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

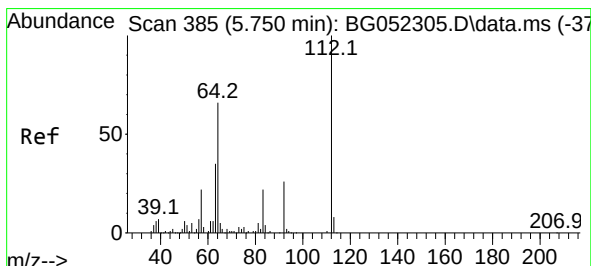
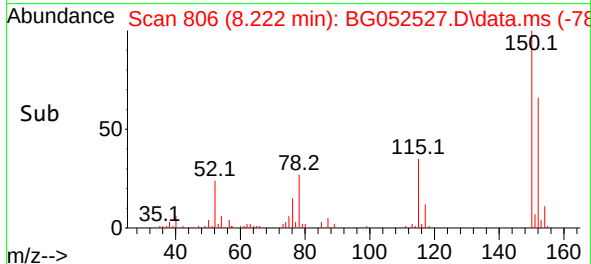
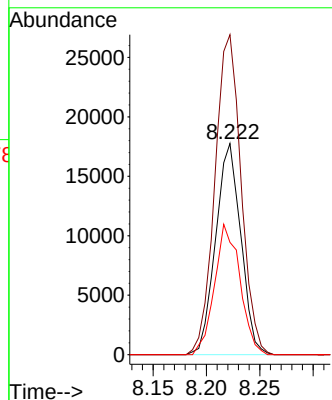
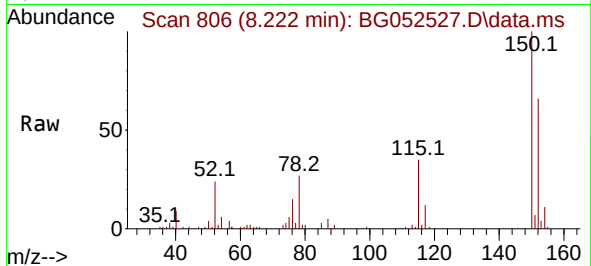




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.222 min Scan# 806
 Delta R.T. -0.001 min
 Lab File: BG052527.D
 Acq: 1 Mar 2022 20:14

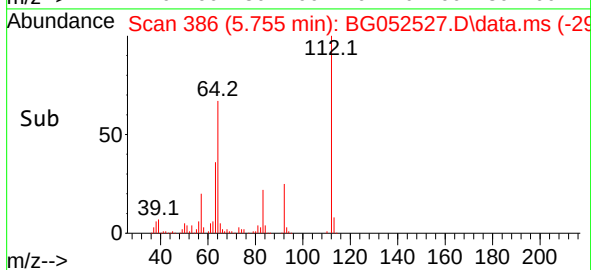
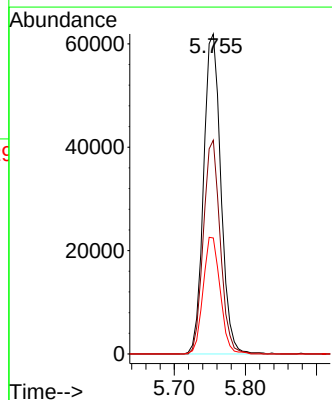
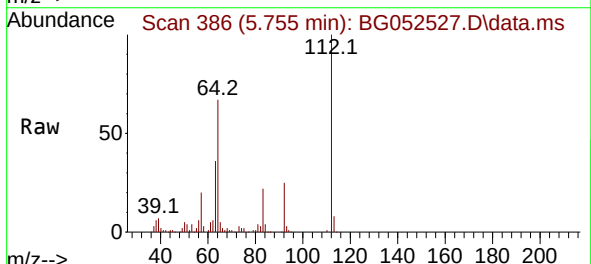
Instrument :
 BNA_G
 ClientSampleId :
 MW-18R

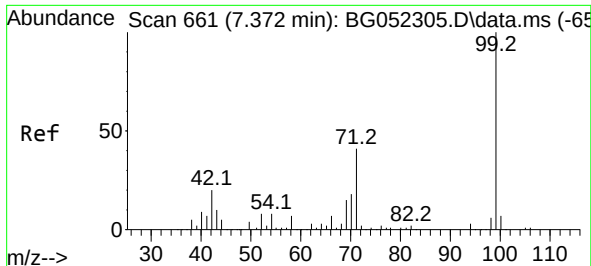
Tgt Ion:152 Resp: 29116
 Ion Ratio Lower Upper
 152 100
 150 151.5 117.8 176.8
 115 53.2 50.2 75.2



#5
 2-Fluorophenol
 Concen: 62.626 ng
 RT: 5.755 min Scan# 386
 Delta R.T. 0.005 min
 Lab File: BG052527.D
 Acq: 1 Mar 2022 20:14

Tgt Ion:112 Resp: 104622
 Ion Ratio Lower Upper
 112 100
 64 66.8 60.4 90.6
 63 36.3 33.3 49.9

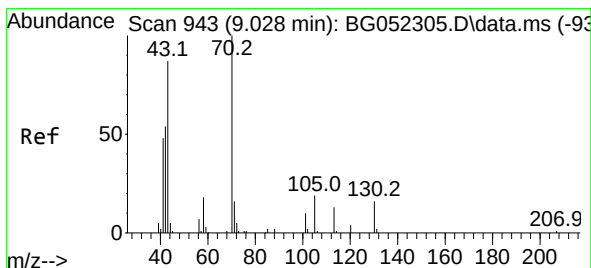
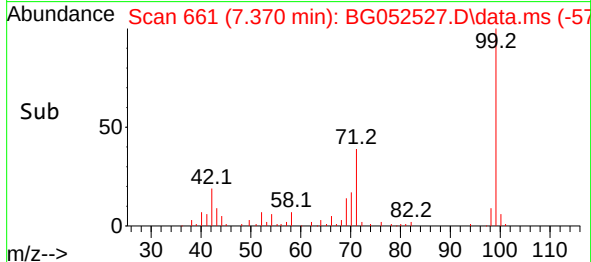
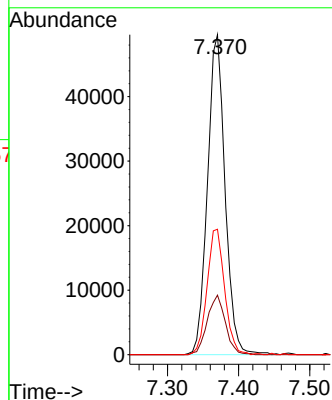
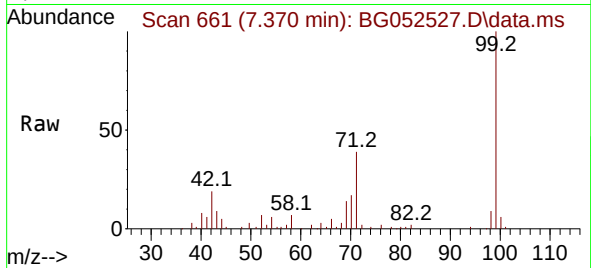




#7
Phenol-d6
Concen: 33.109 ng
RT: 7.370 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

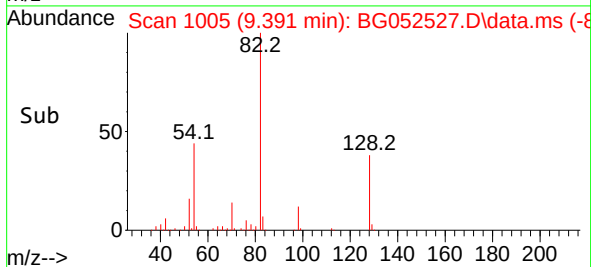
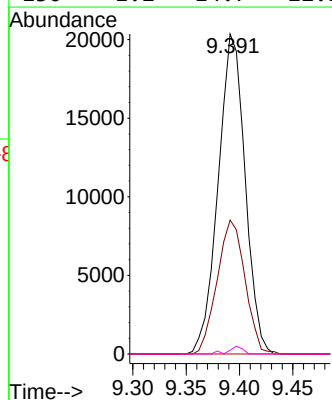
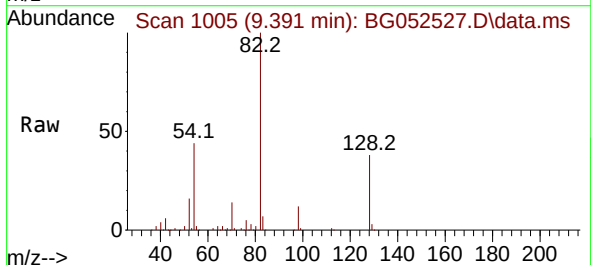
Instrument :
BNA_G
ClientSampleId :
MW-18R

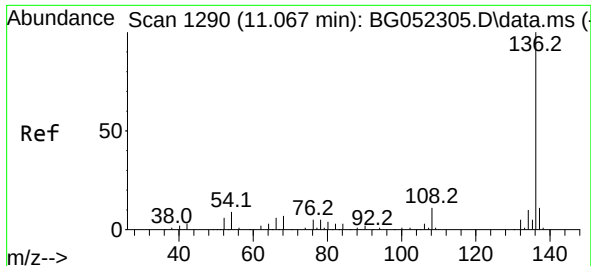
Tgt Ion: 99 Resp: 85342
Ion Ratio Lower Upper
99 100
42 18.6 19.1 28.7#
71 39.2 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.347 ng
RT: 9.391 min Scan# 1005
Delta R.T. 0.363 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Tgt Ion: 70 Resp: 35652
Ion Ratio Lower Upper
70 100
42 41.8 51.8 77.6#
101 0.0 6.6 10.0#
130 1.2 14.7 22.1#

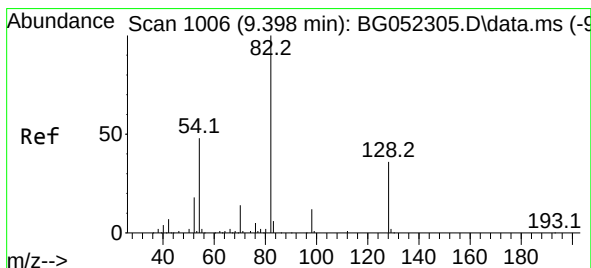
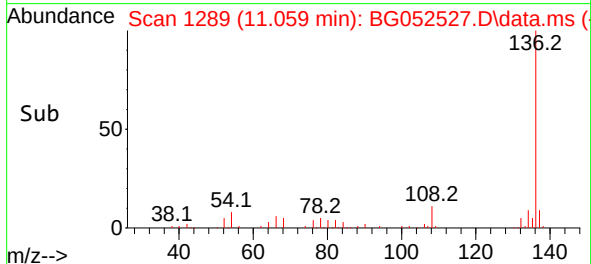
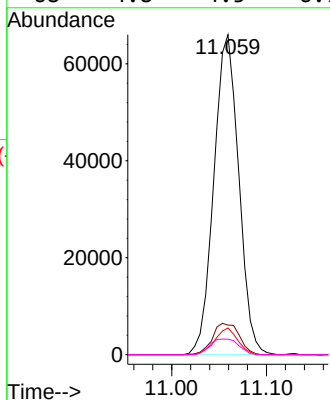
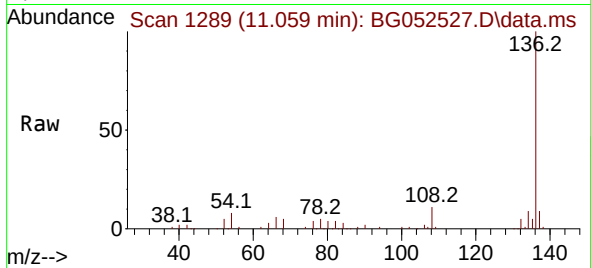




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.059 min Scan# 11059
Delta R.T. -0.008 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

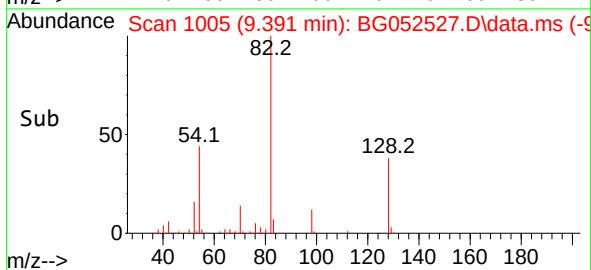
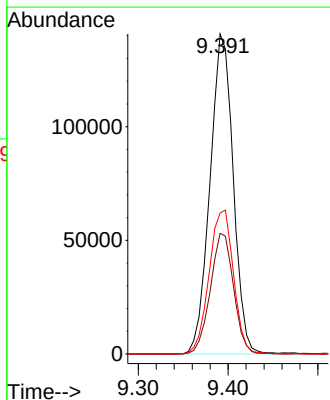
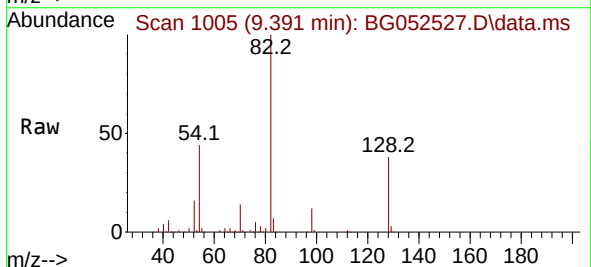
Instrument :
BNA_G
ClientSampleId :
MW-18R

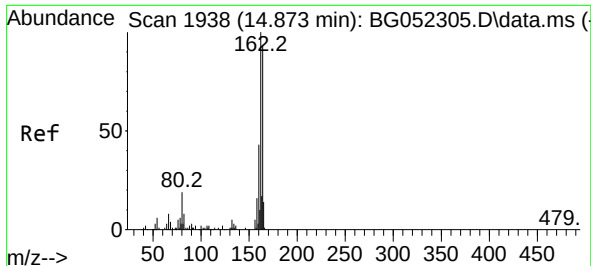
Tgt Ion:136 Resp: 120384
Ion Ratio Lower Upper
136 100
137 9.2 9.1 13.7
54 8.4 8.3 12.5
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 91.276 ng
RT: 9.391 min Scan# 1005
Delta R.T. -0.007 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Tgt Ion: 82 Resp: 252828
Ion Ratio Lower Upper
82 100
128 37.7 27.0 40.4
54 44.1 41.0 61.6

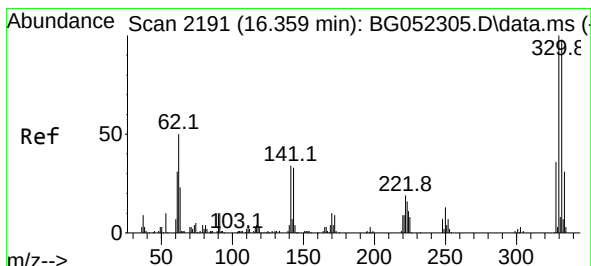
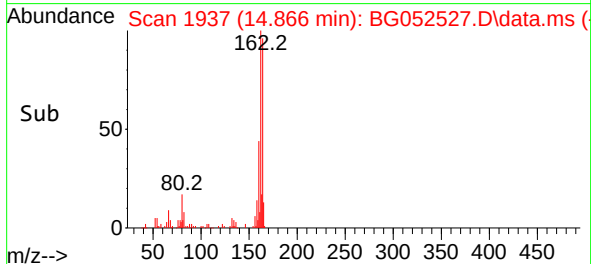
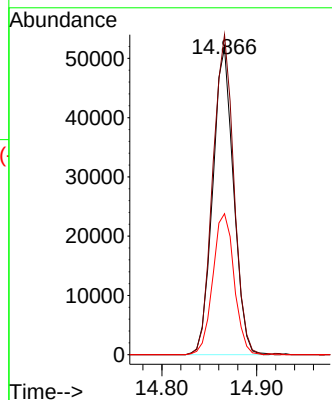
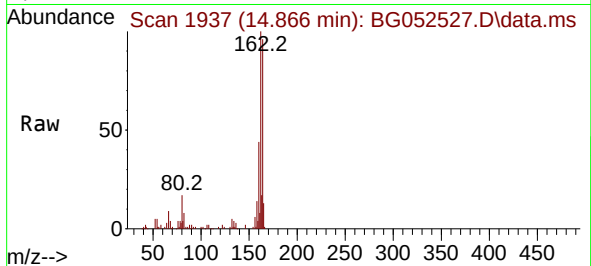




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1937
Delta R.T. -0.007 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

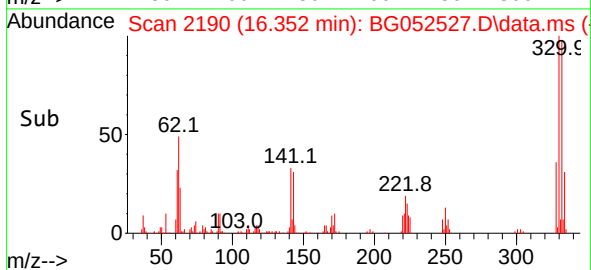
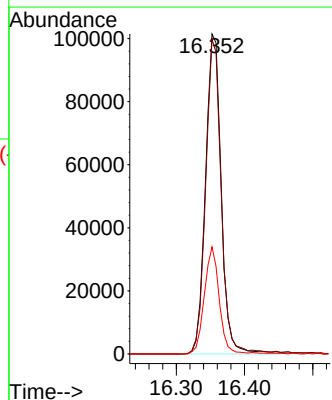
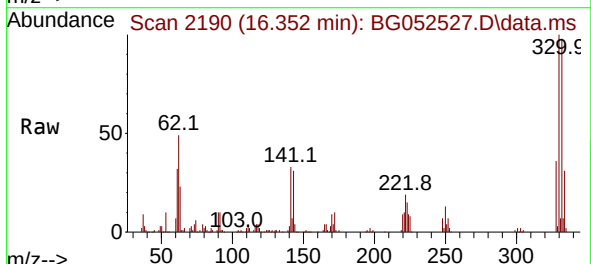
Instrument :
BNA_G
ClientSampleId :
MW-18R

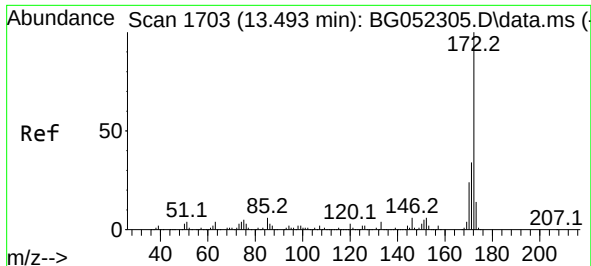
Tgt Ion:164 Resp: 78937
Ion Ratio Lower Upper
164 100
162 104.2 82.2 123.2
160 45.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 143.317 ng
RT: 16.352 min Scan# 2190
Delta R.T. -0.007 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Tgt Ion:330 Resp: 162530
Ion Ratio Lower Upper
330 100
332 97.0 78.6 117.8
141 31.5 28.8 43.2

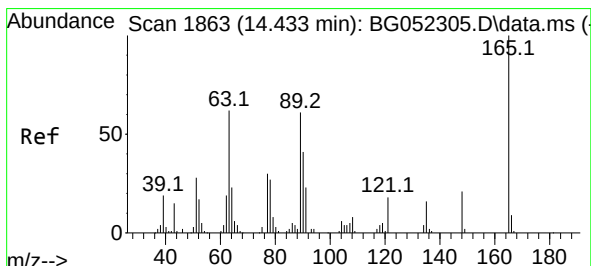
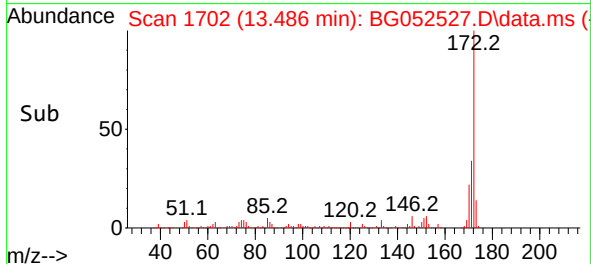
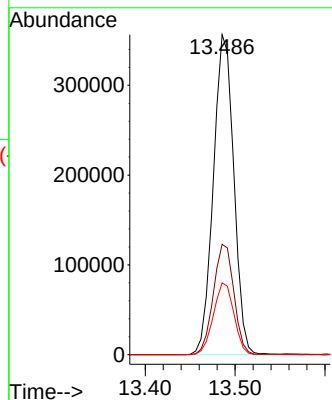
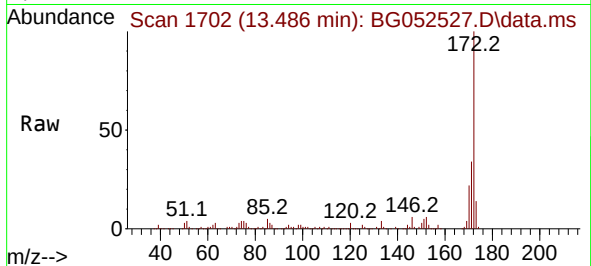




#45
2-Fluorobiphenyl
Concen: 99.219 ng
RT: 13.486 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

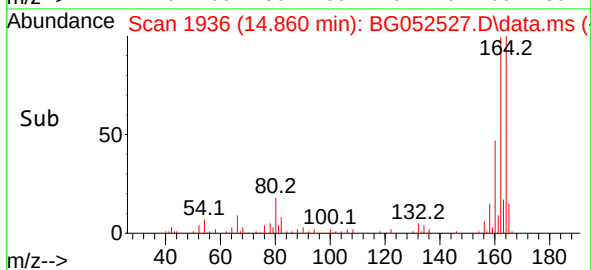
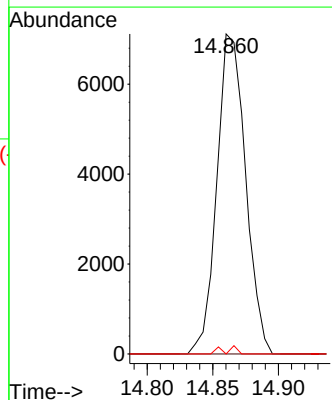
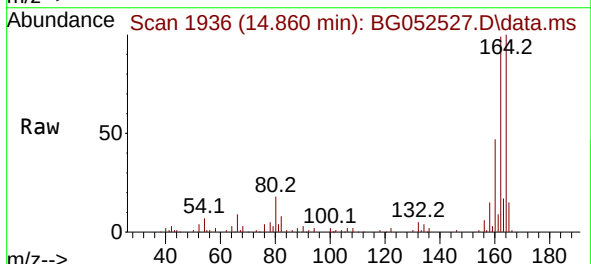
Instrument :
BNA_G
ClientSampleId :
MW-18R

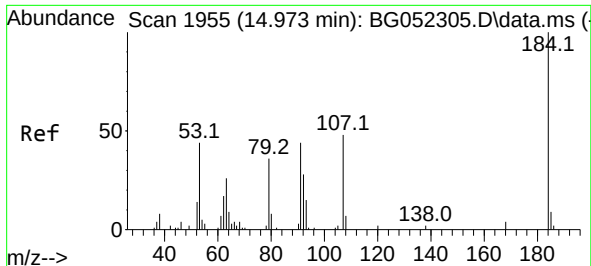
Tgt Ion:172 Resp: 563645
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 22.4 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.293 ng
RT: 14.860 min Scan# 1936
Delta R.T. 0.428 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Tgt Ion:165 Resp: 10822
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#

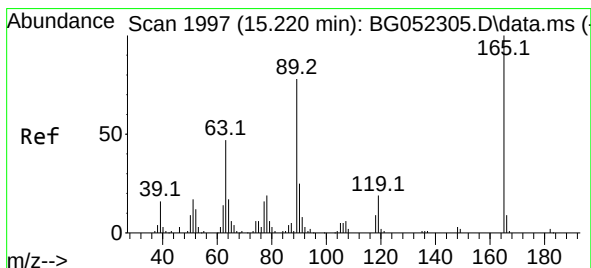
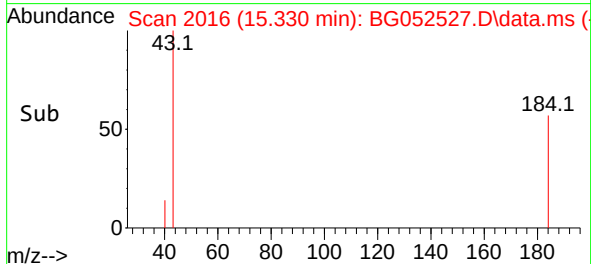
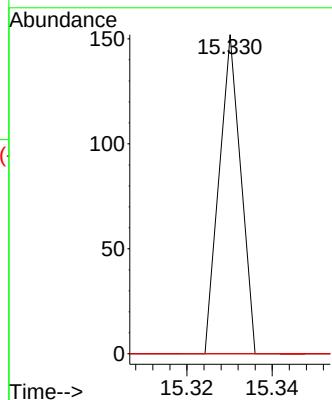
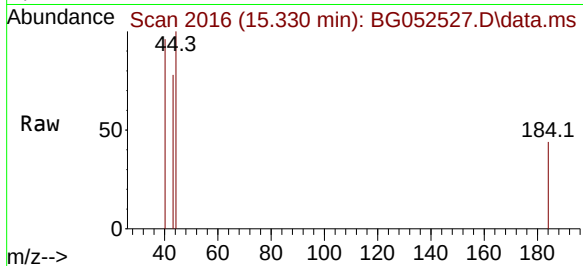




#54
2,4-Dinitrophenol
Concen: 4.965 ng
RT: 15.330 min Scan# 2016
Delta R.T. 0.357 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

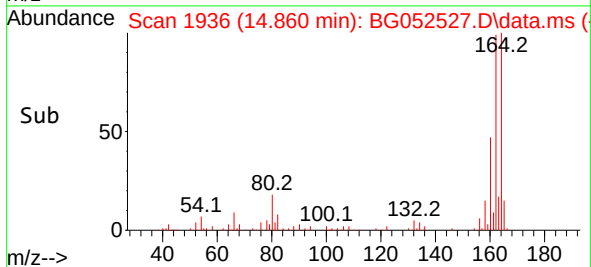
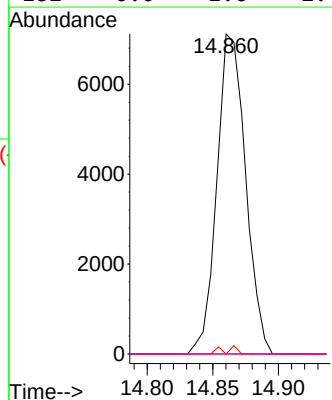
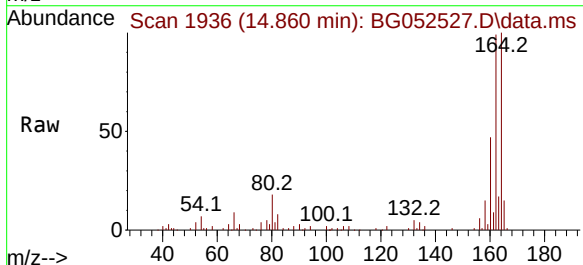
Instrument :
BNA_G
ClientSampleId :
MW-18R

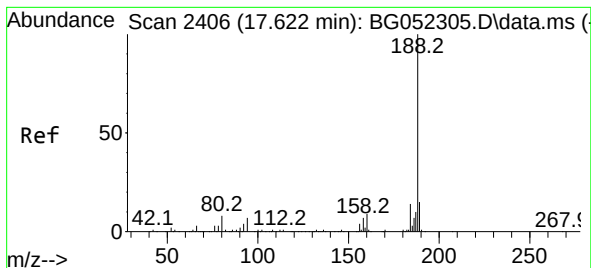
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 56.0 84.0#
154 0.0 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 5.827 ng
RT: 14.860 min Scan# 1936
Delta R.T. -0.360 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Tgt Ion:165 Resp: 10822
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.615 min Scan# 2406

Delta R.T. -0.007 min

Lab File: BG052527.D

Acq: 1 Mar 2022 20:14

Instrument :

BNA_G

ClientSampleId :

MW-18R

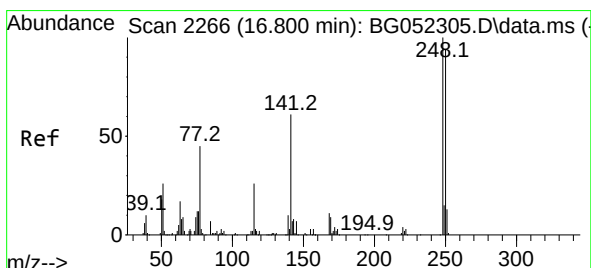
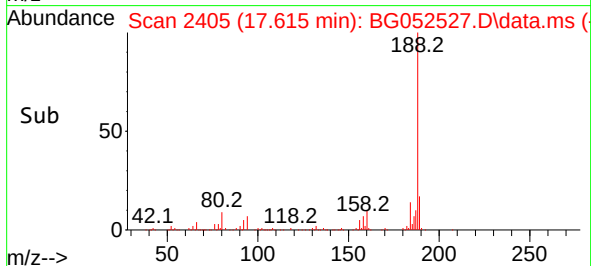
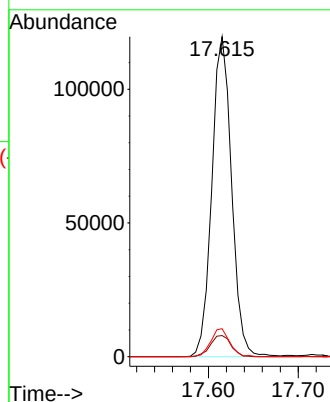
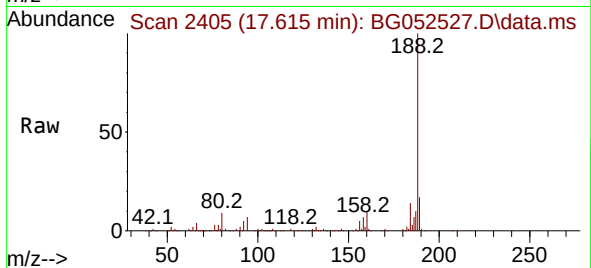
Tgt Ion:188 Resp: 182417

Ion Ratio Lower Upper

188 100

94 6.6 5.9 8.9

80 8.7 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 4.762 ng

RT: 16.352 min Scan# 2190

Delta R.T. -0.448 min

Lab File: BG052527.D

Acq: 1 Mar 2022 20:14

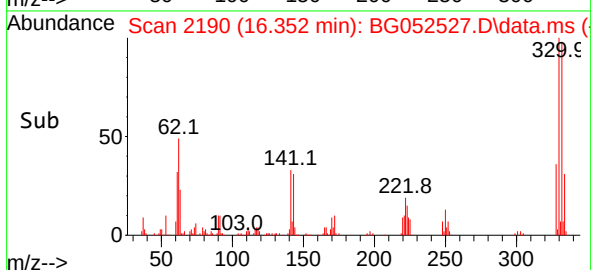
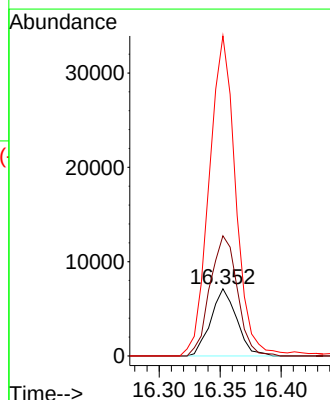
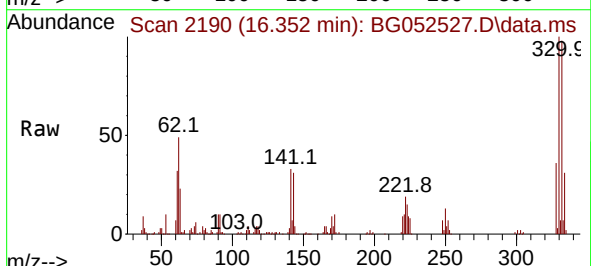
Tgt Ion:248 Resp: 10565

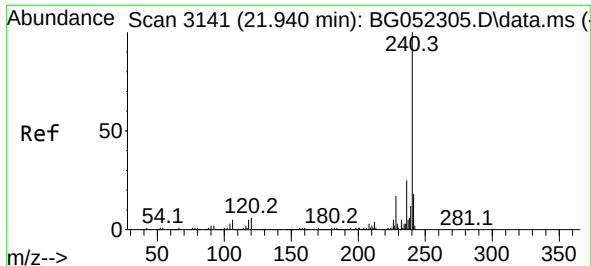
Ion Ratio Lower Upper

248 100

250 178.9 79.6 119.4#

141 476.4 54.6 81.8#

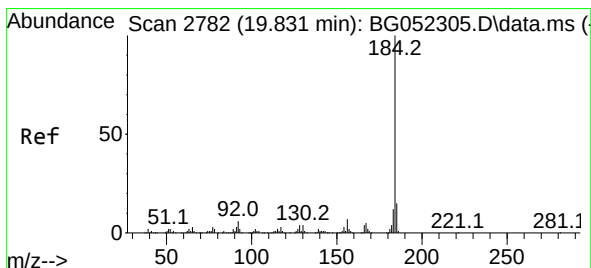
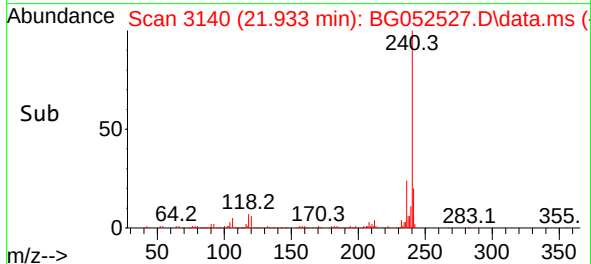
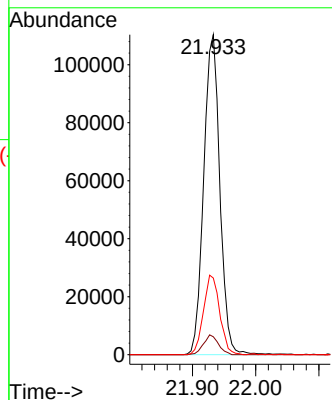
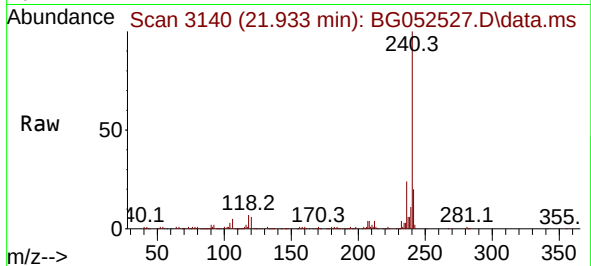




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

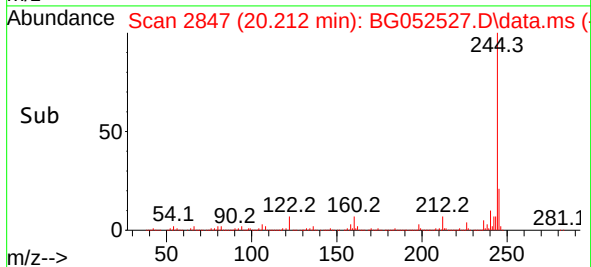
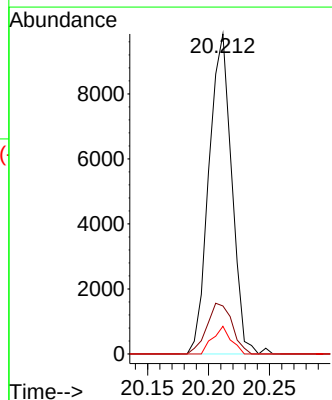
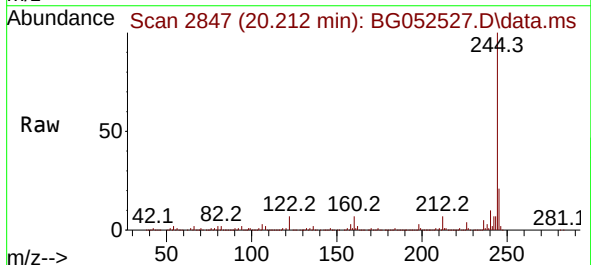
Instrument :
BNA_G
ClientSampleId :
MW-18R

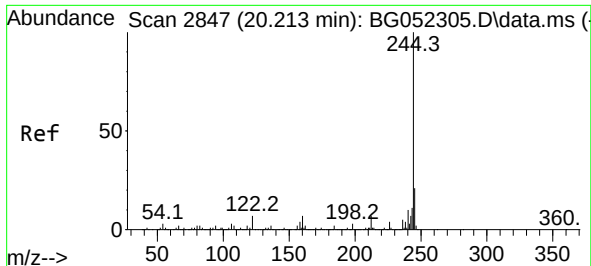
Tgt Ion:240 Resp: 195741
Ion Ratio Lower Upper
240 100
120 5.6 4.4 6.6
236 23.9 20.8 31.2



#77
Benzidine
Concen: 3.050 ng
RT: 20.212 min Scan# 2847
Delta R.T. 0.381 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Tgt Ion:184 Resp: 12758
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.8
183 8.6 9.8 14.6#

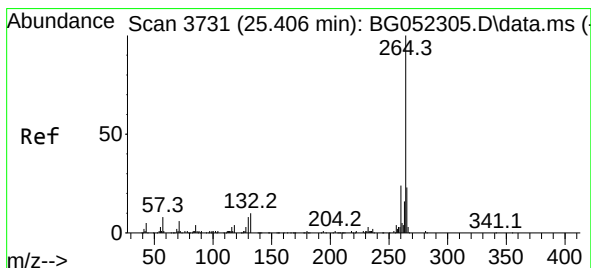
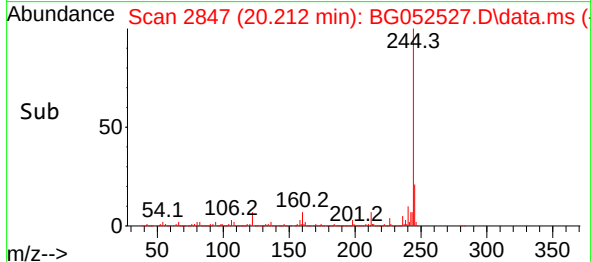
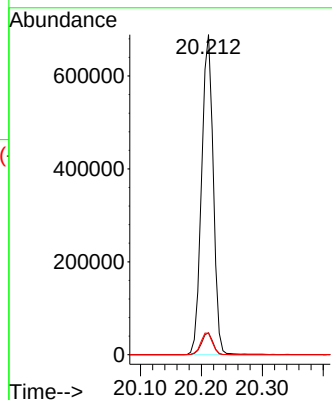
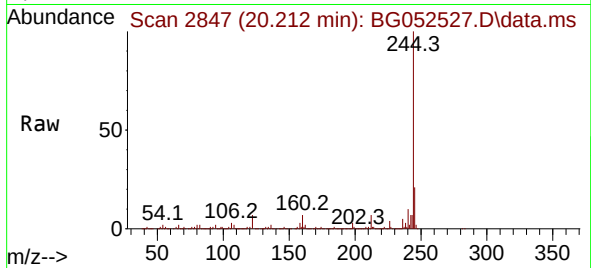




#79
 Terphenyl-d14
 Concen: 82.381 ng
 RT: 20.212 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG052527.D
 Acq: 1 Mar 2022 20:14

Instrument :
 BNA_G
 ClientSampleId :
 MW-18R

Tgt Ion:244 Resp: 913172
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 6.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.399 min Scan# 3730
 Delta R.T. -0.007 min
 Lab File: BG052527.D
 Acq: 1 Mar 2022 20:14

Tgt Ion:264 Resp: 207718
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 20.7 17.8 26.6

