

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052819.D
 Acq On : 24 Mar 2022 21:36
 Operator : CG/JU
 Sample : N2090-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-58

Quant Time: Mar 25 03:20:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

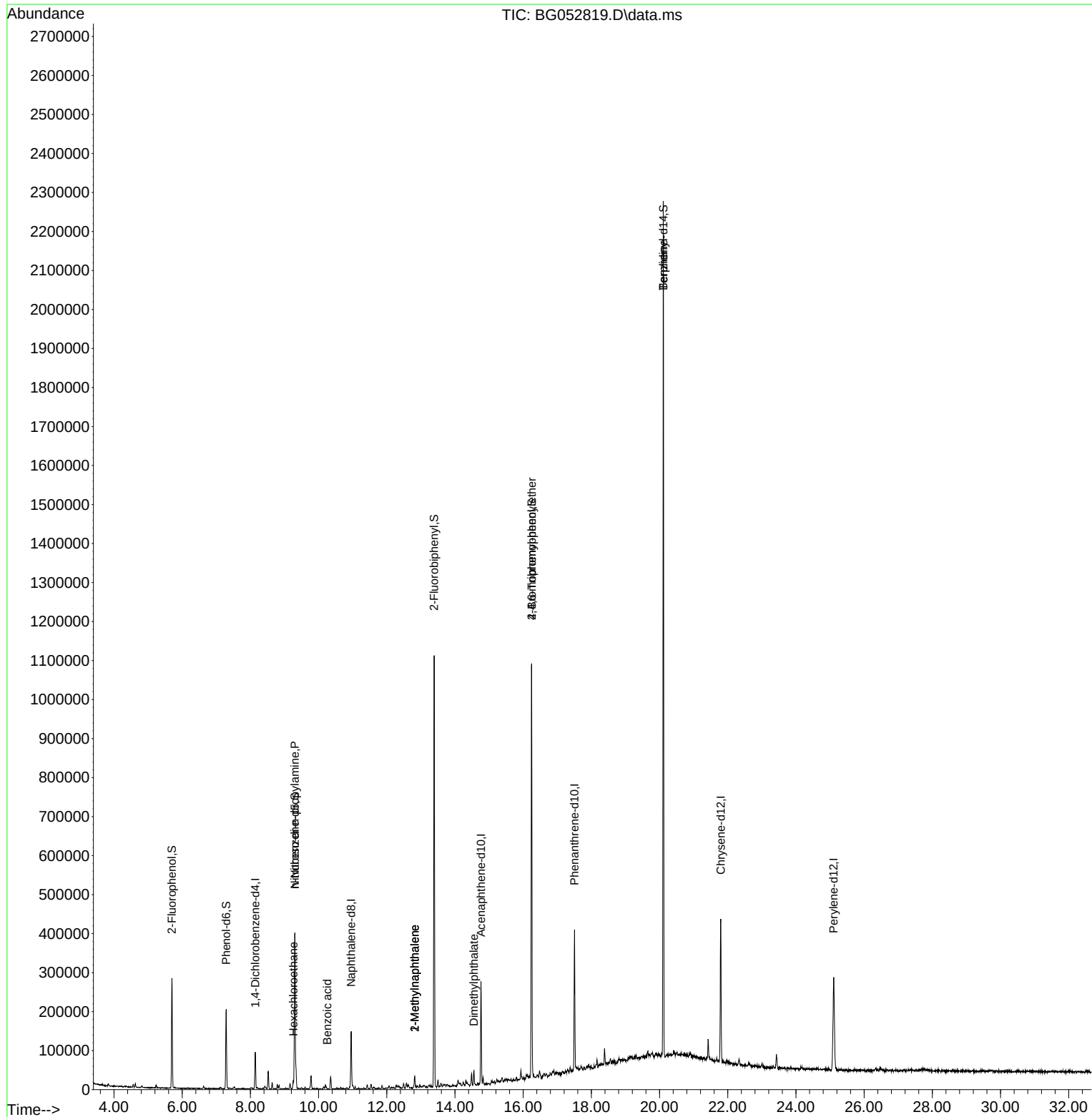
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.142	152	24938	20.000	ng	0.00
21) Naphthalene-d8	10.956	136	115482	20.000	ng	0.00
39) Acenaphthene-d10	14.762	164	89941	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	223803	20.000	ng	0.00
76) Chrysene-d12	21.794	240	239618	20.000	ng	0.00
86) Perylene-d12	25.107	264	261099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	114066	79.656	ng	0.00
7) Phenol-d6	7.290	99	114043	52.826	ng	0.00
23) Nitrobenzene-d5	9.299	82	257161	111.766	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	205218	169.803	ng	0.00
45) 2-Fluorobiphenyl	13.388	172	580325	95.161	ng	0.00
79) Terphenyl-d14	20.108	244	1103995	81.957	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.278	77	170	Below Cal	#	37
18) Hexachloroethane	9.258	117	2820	4.223 ng	#	1
19) n-Nitroso-di-n-propyla...	9.305	70	35608	23.288 ng	#	76
32) Benzoic acid	10.257	122	60	5.717 ng	#	1
37) 2-Methylnaphthalene	12.818	142	10532	2.408 ng		91
38) 1-Methylnaphthalene	12.818	142	10532	2.468 ng	#	89
50) Dimethylphthalate	14.557	163	19010	2.844 ng	#	88
67) 4-Bromophenyl-phenylether	16.248	248	14666	5.435 ng	#	1
77) Benzidine	20.108	184	20694	3.348 ng	#	75

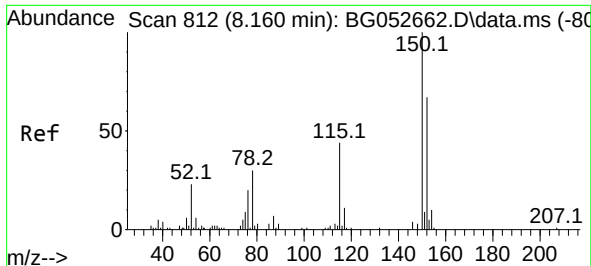
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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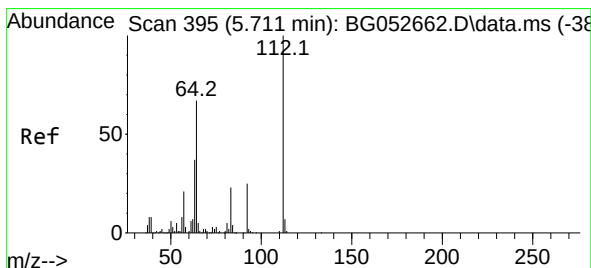
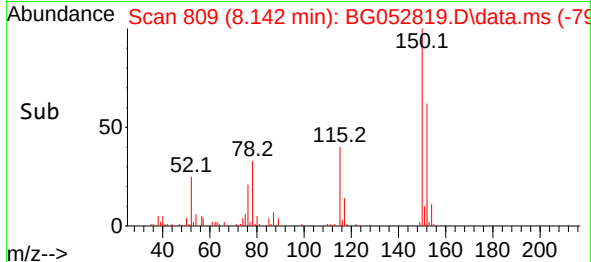
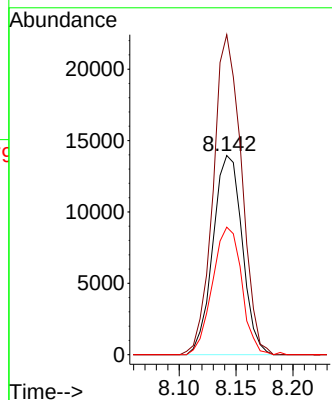
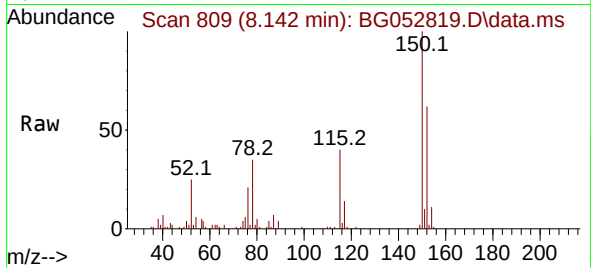




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.142 min Scan# 809
Delta R.T. -0.004 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

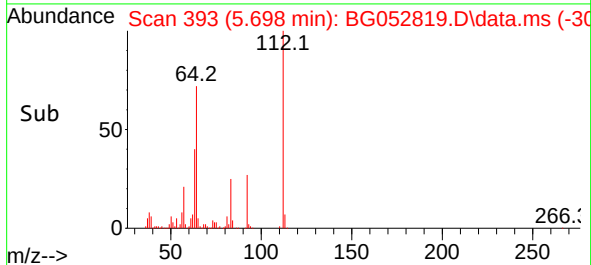
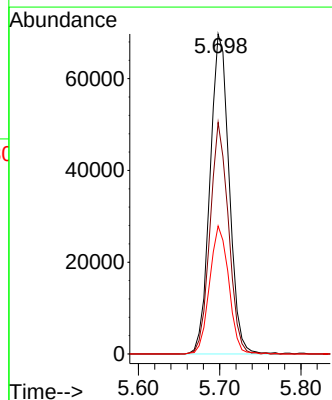
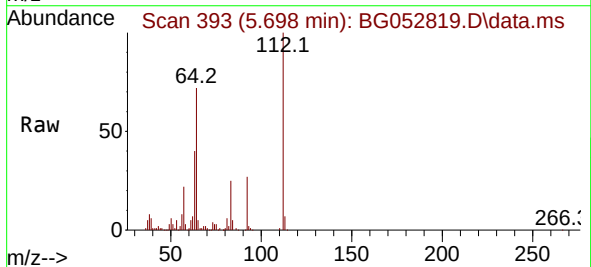
Instrument :
BNA_G
ClientSampleId :
MW-58

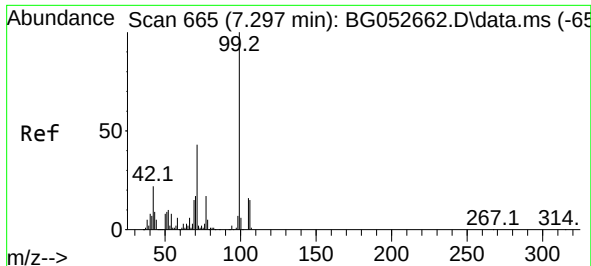
Tgt Ion:152 Resp: 24938
Ion Ratio Lower Upper
152 100
150 160.6 114.6 172.0
115 64.0 45.9 68.9



#5
2-Fluorophenol
Concen: 79.656 ng
RT: 5.698 min Scan# 393
Delta R.T. 0.002 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

Tgt Ion:112 Resp: 114066
Ion Ratio Lower Upper
112 100
64 72.3 48.0 72.0#
63 40.0 26.5 39.7#

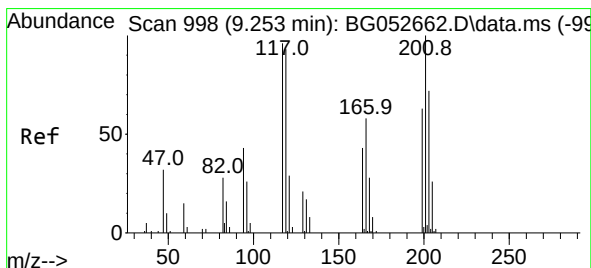
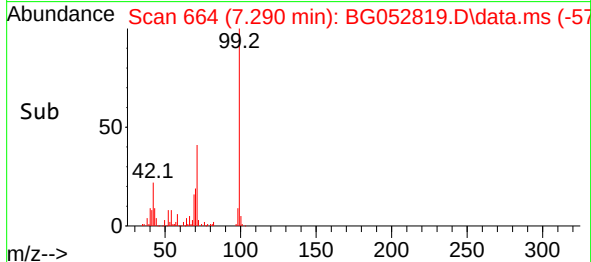
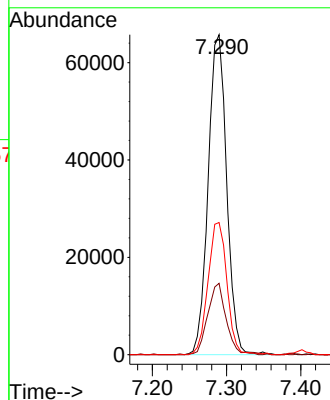
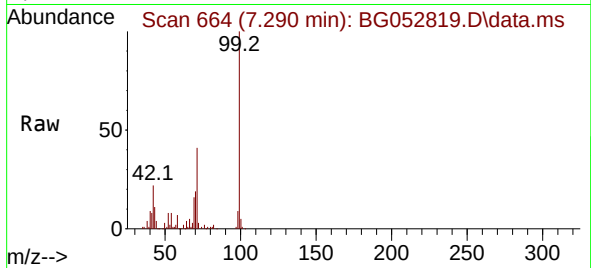




#7
Phenol-d6
Concen: 52.826 ng
RT: 7.290 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

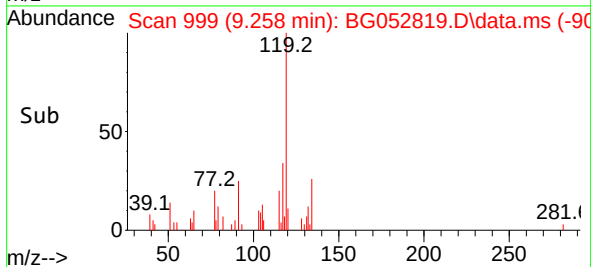
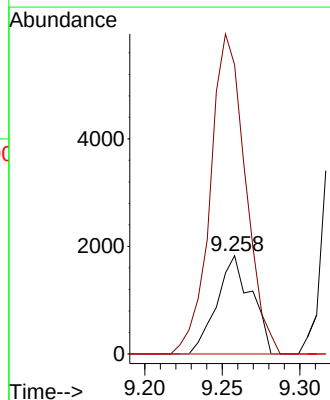
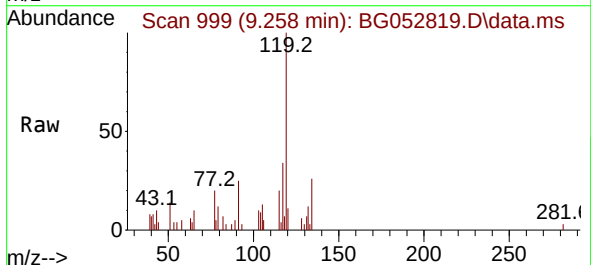
Instrument :
BNA_G
ClientSampleId :
MW-58

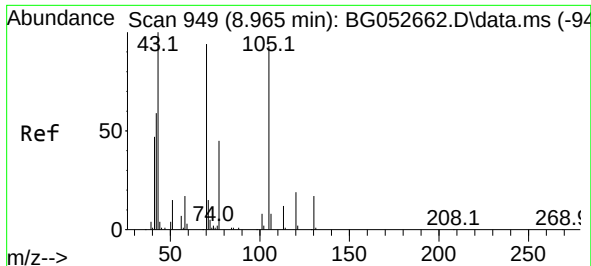
Tgt Ion: 99 Resp: 114043
Ion Ratio Lower Upper
99 100
42 22.3 14.7 22.1#
71 41.3 29.2 43.8



#18
Hexachloroethane
Concen: 4.223 ng
RT: 9.258 min Scan# 999
Delta R.T. 0.025 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

Tgt Ion: 117 Resp: 2820
Ion Ratio Lower Upper
117 100
119 294.5 75.1 112.7#
201 0.0 96.6 145.0#

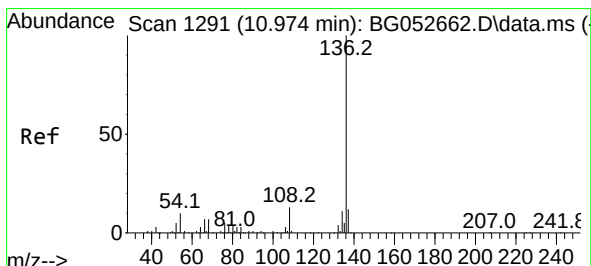
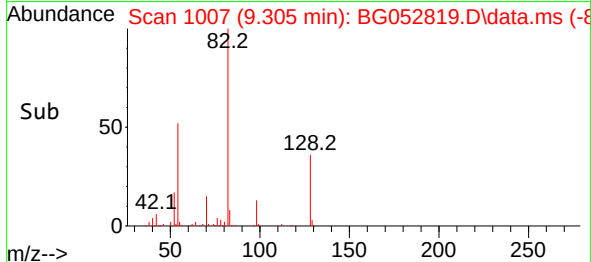
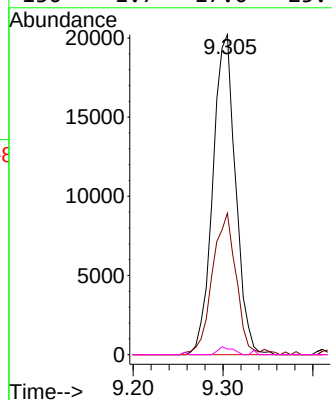
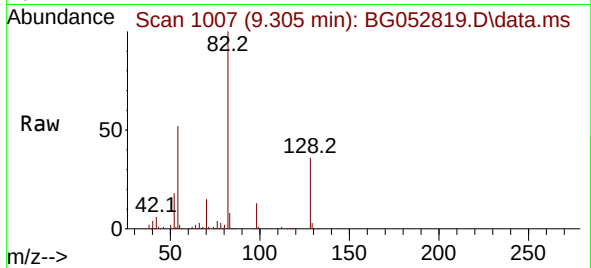




#19
n-Nitroso-di-n-propylamine
Concen: 23.288 ng
RT: 9.305 min Scan# 10
Delta R.T. 0.360 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

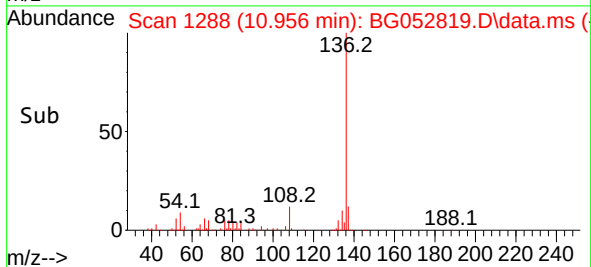
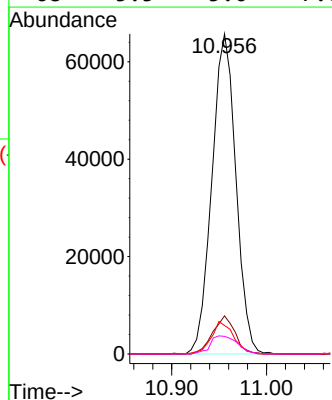
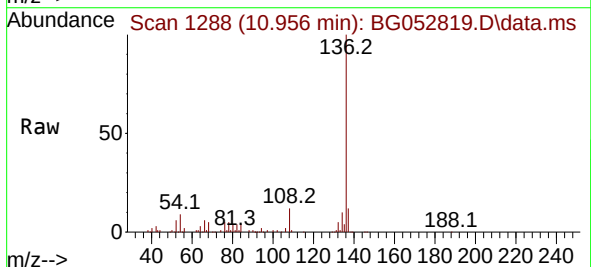
Instrument :
BNA_G
ClientSampleId :
MW-58

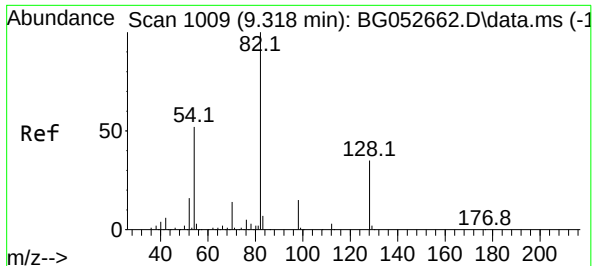
Tgt Ion: 70 Resp: 35608
Ion Ratio Lower Upper
70 100
42 44.2 46.0 69.0#
101 0.0 6.2 9.4#
130 1.7 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.956 min Scan# 1288
Delta R.T. -0.004 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

Tgt Ion: 136 Resp: 115482
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.2
54 8.9 6.4 9.6
68 5.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 111.766 ng

RT: 9.299 min Scan# 1006

Delta R.T. -0.004 min

Lab File: BG052819.D

Acq: 24 Mar 2022 21:36

Instrument :

BNA_G

ClientSampleId :

MW-58

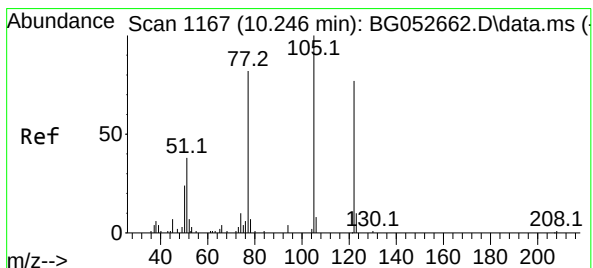
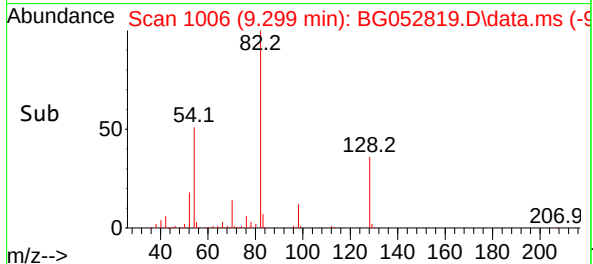
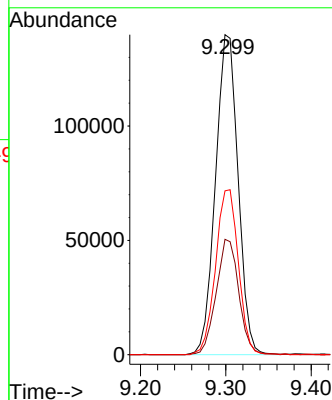
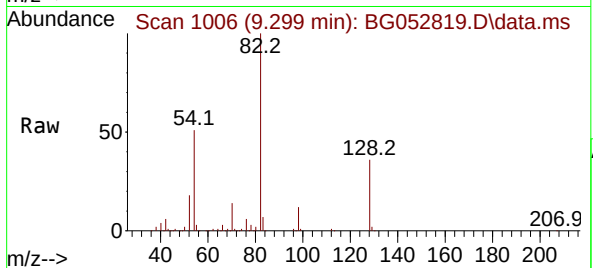
Tgt Ion: 82 Resp: 257161

Ion Ratio Lower Upper

82 100

128 36.0 31.3 46.9

54 51.2 37.8 56.8



#32

Benzoic acid

Concen: 5.717 ng

RT: 10.257 min Scan# 1169

Delta R.T. 0.019 min

Lab File: BG052819.D

Acq: 24 Mar 2022 21:36

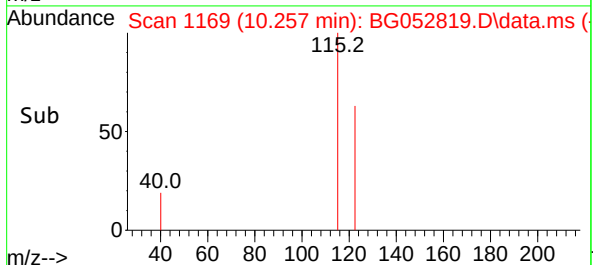
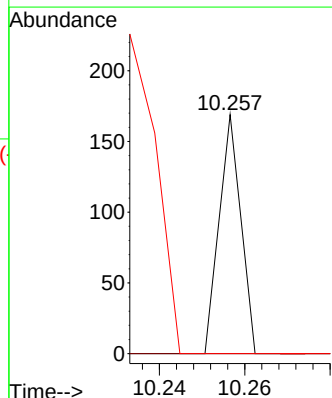
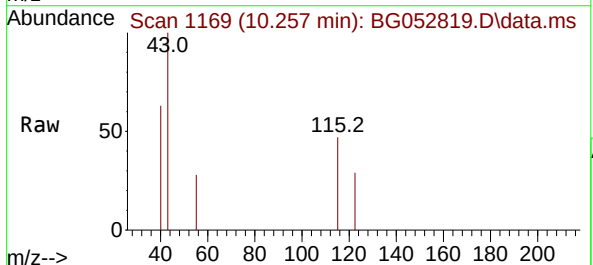
Tgt Ion:122 Resp: 60

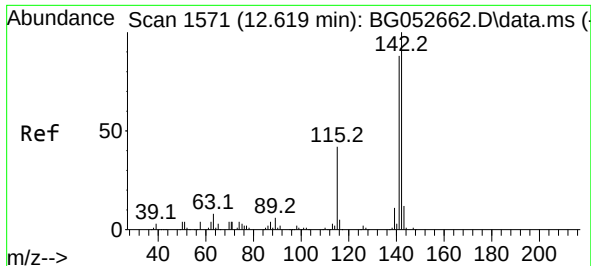
Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#





#37

2-Methylnaphthalene

Concen: 2.408 ng

RT: 12.818 min Scan# 1

Delta R.T. 0.213 min

Lab File: BG052819.D

Acq: 24 Mar 2022 21:36

Instrument :

BNA_G

ClientSampleId :

MW-58

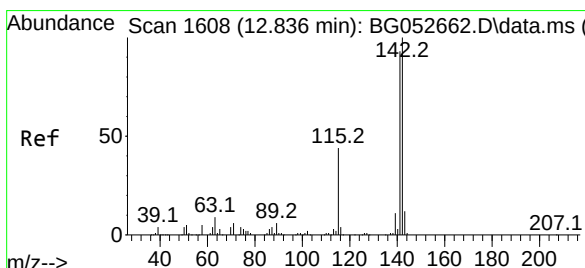
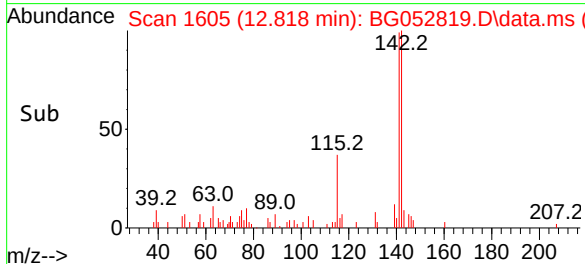
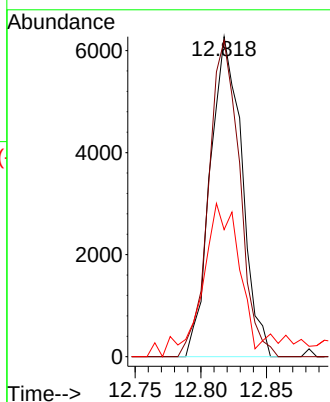
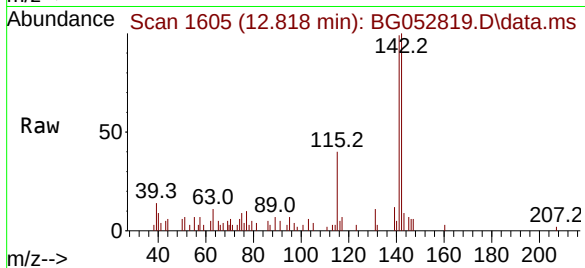
Tgt Ion:142 Resp: 10532

Ion Ratio Lower Upper

142 100

141 98.9 71.3 106.9

115 39.7 29.5 44.3



#38

1-Methylnaphthalene

Concen: 2.468 ng

RT: 12.818 min Scan# 1605

Delta R.T. -0.004 min

Lab File: BG052819.D

Acq: 24 Mar 2022 21:36

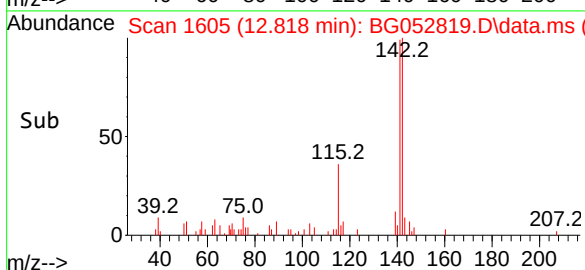
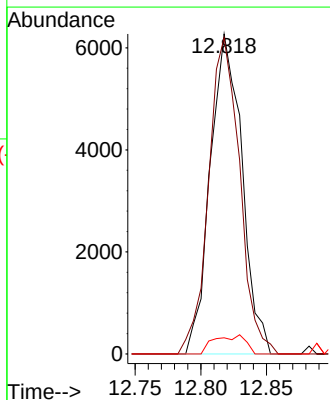
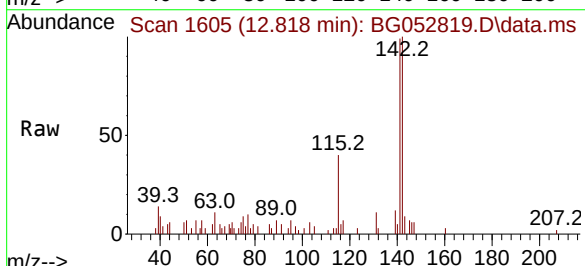
Tgt Ion:142 Resp: 10532

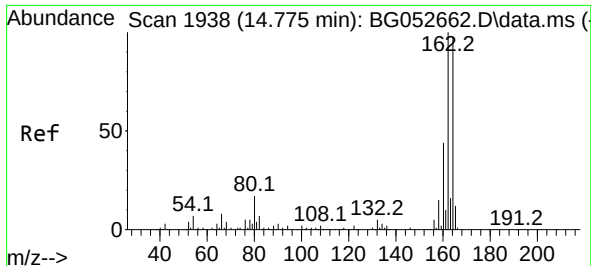
Ion Ratio Lower Upper

142 100

141 98.9 70.5 105.7

116 5.1 3.1 4.7#

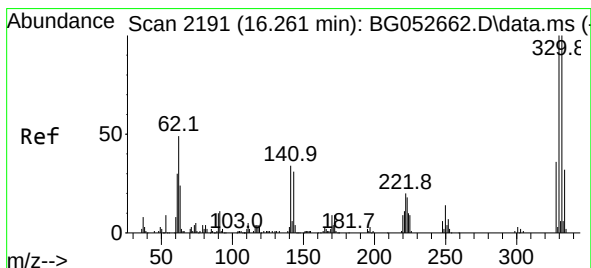
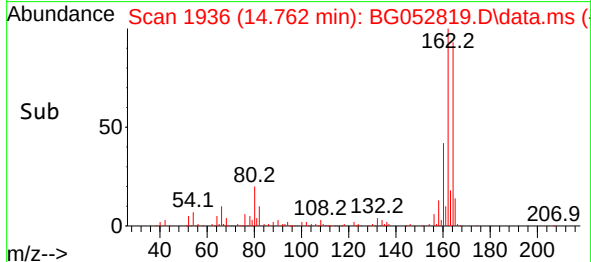
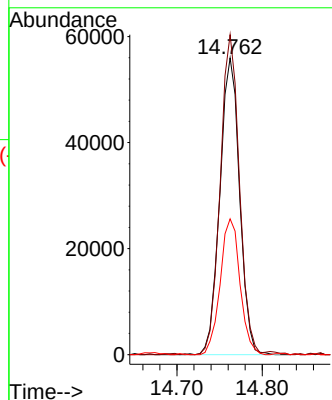
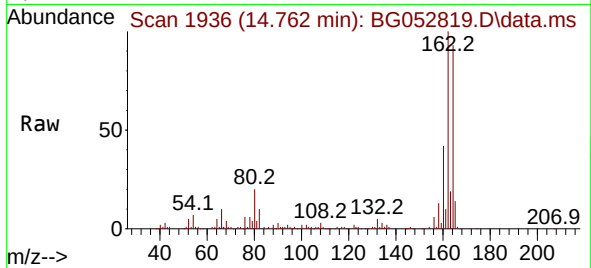




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1936
Delta R.T. -0.004 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

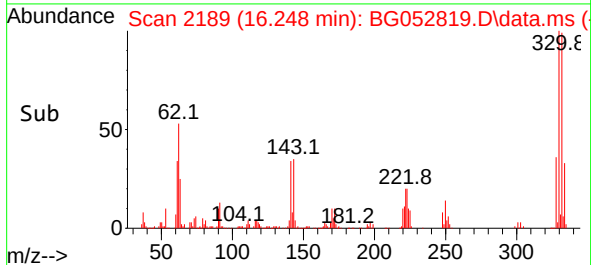
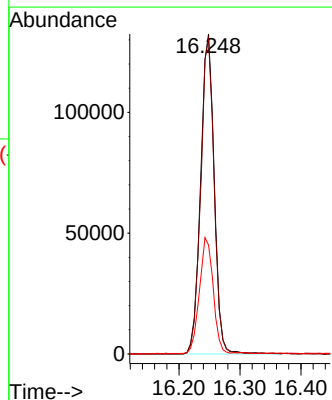
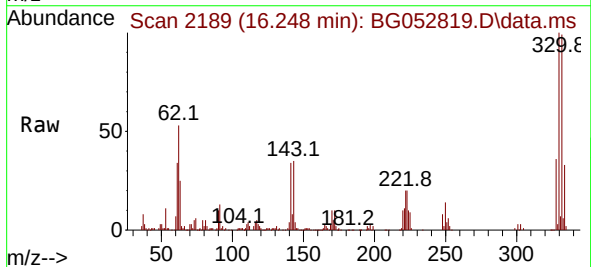
Instrument :
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MW-58

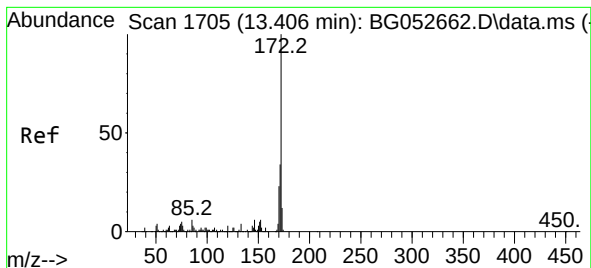
Tgt Ion:164 Resp: 89941
Ion Ratio Lower Upper
164 100
162 107.8 80.0 120.0
160 45.7 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 169.803 ng
RT: 16.248 min Scan# 2189
Delta R.T. 0.002 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

Tgt Ion:330 Resp: 205218
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 36.6 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 95.161 ng

RT: 13.388 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG052819.D

Acq: 24 Mar 2022 21:36

Instrument :

BNA_G

ClientSampleId :

MW-58

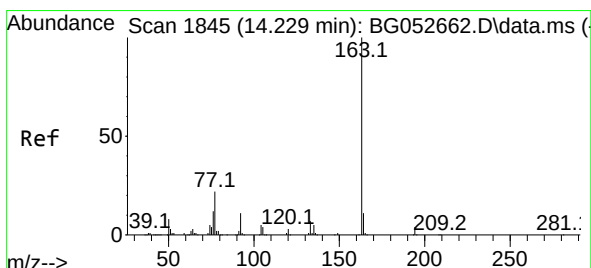
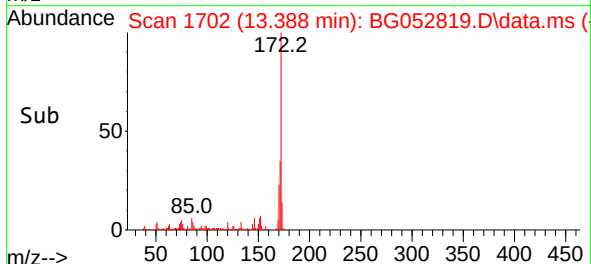
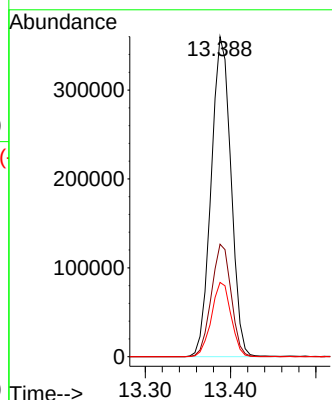
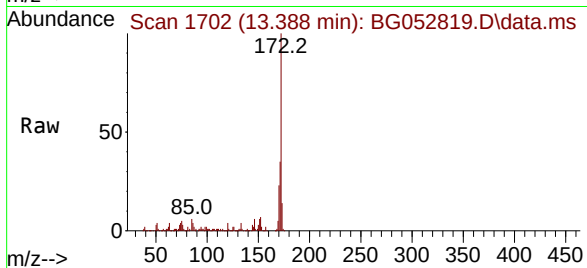
Tgt Ion:172 Resp: 580325

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.2 18.0 27.0



#50

Dimethylphthalate

Concen: 2.844 ng

RT: 14.557 min Scan# 1901

Delta R.T. 0.342 min

Lab File: BG052819.D

Acq: 24 Mar 2022 21:36

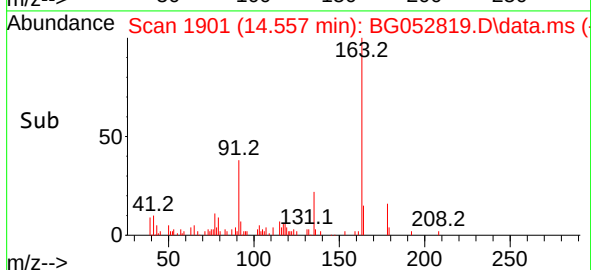
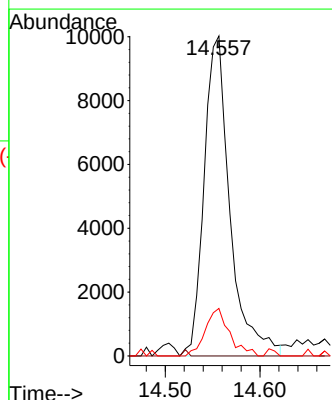
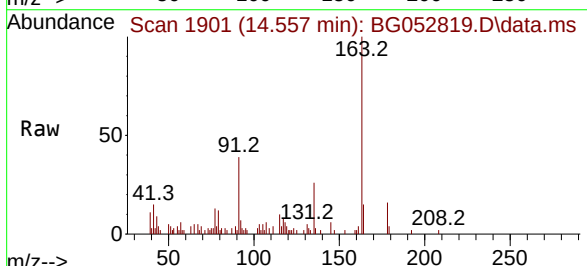
Tgt Ion:163 Resp: 19010

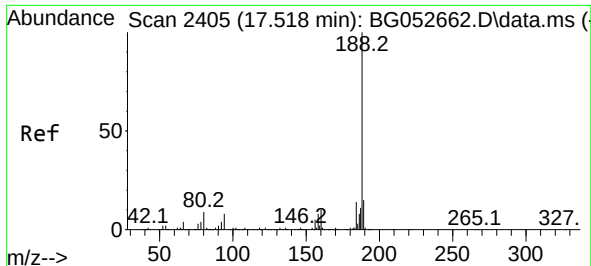
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 14.9 8.5 12.7#

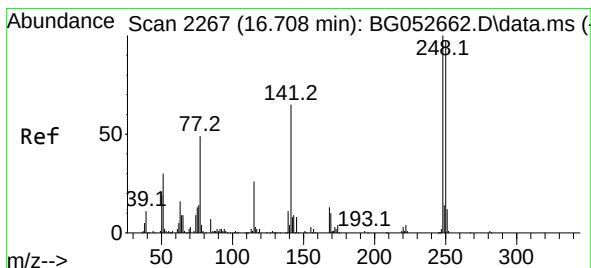
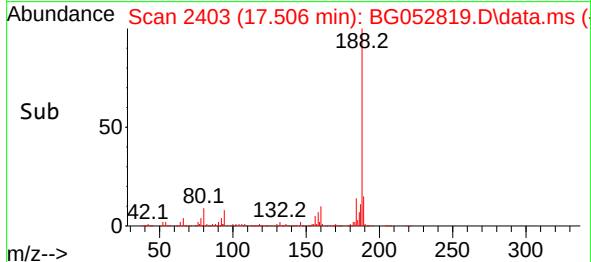
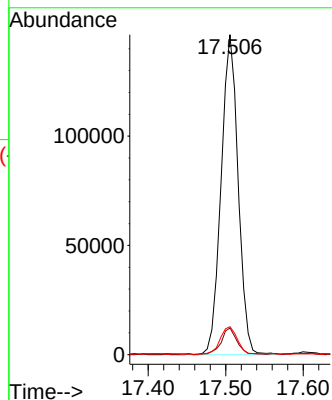
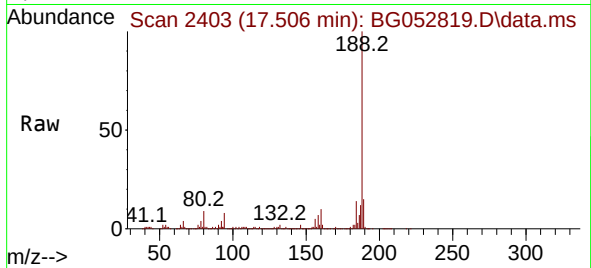




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2405
Delta R.T. 0.002 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

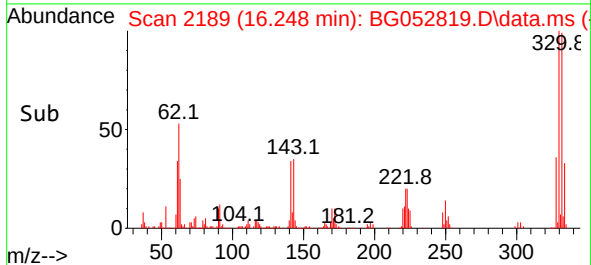
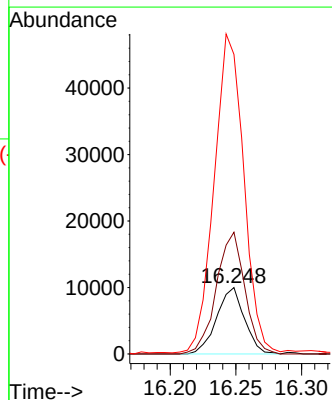
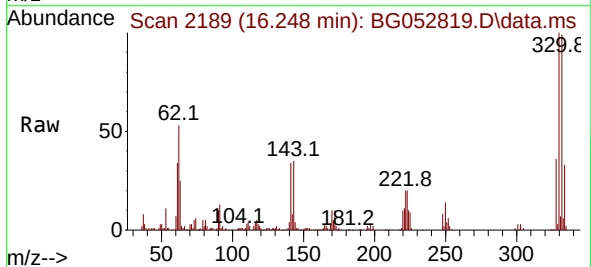
Instrument :
BNA_G
ClientSampleId :
MW-58

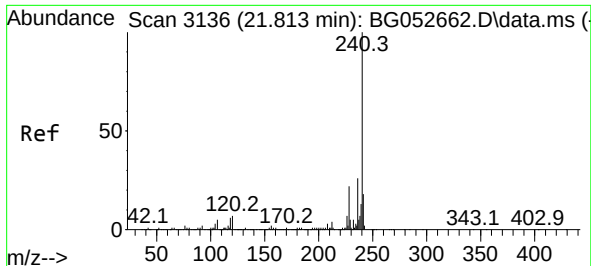
Tgt Ion:188 Resp: 223803
Ion Ratio Lower Upper
188 100
94 8.3 5.7 8.5
80 8.8 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.435 ng
RT: 16.248 min Scan# 2189
Delta R.T. -0.445 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

Tgt Ion:248 Resp: 14666
Ion Ratio Lower Upper
248 100
250 183.4 77.9 116.9#
141 451.3 49.2 73.8#

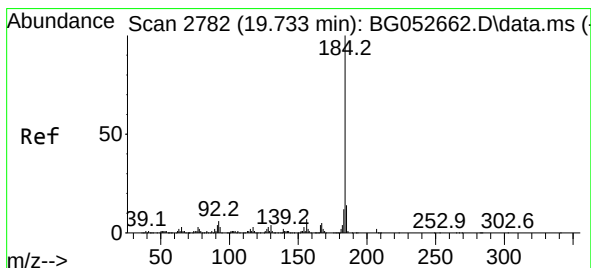
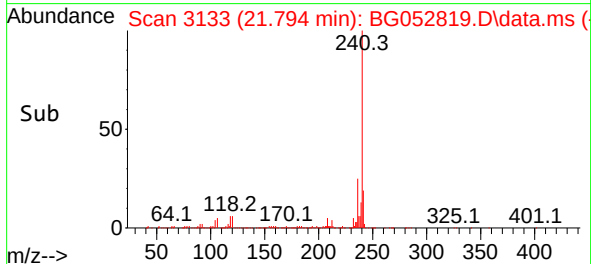
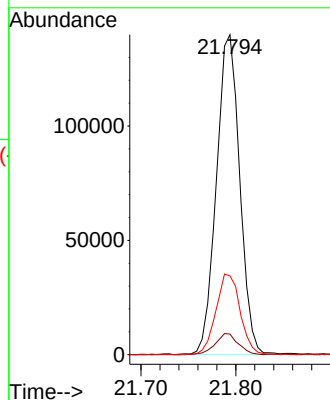
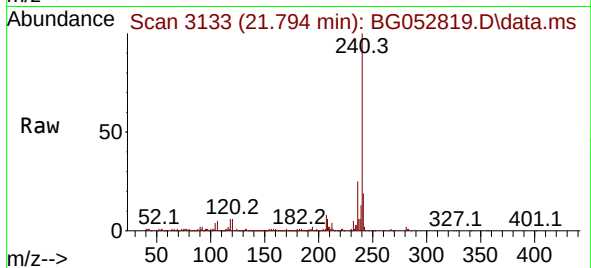




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.794 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

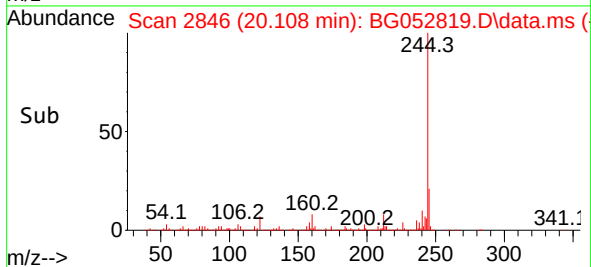
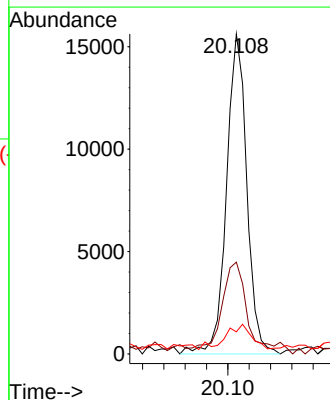
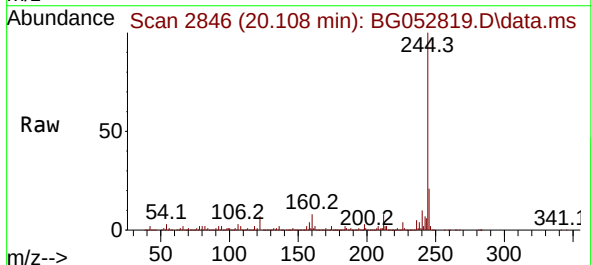
Instrument :
BNA_G
ClientSampleId :
MW-58

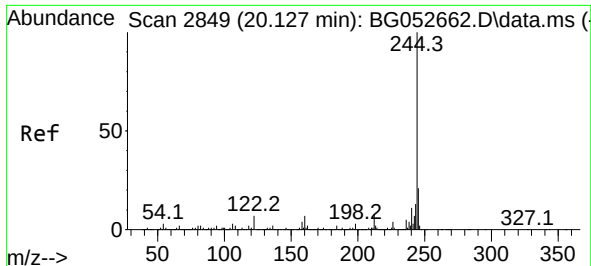
Tgt Ion:240 Resp: 239618
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 24.7 19.8 29.6



#77
Benzidine
Concen: 3.348 ng
RT: 20.108 min Scan# 2846
Delta R.T. 0.383 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

Tgt Ion:184 Resp: 20694
Ion Ratio Lower Upper
184 100
185 28.7 11.5 17.3#
183 6.9 9.4 14.2#

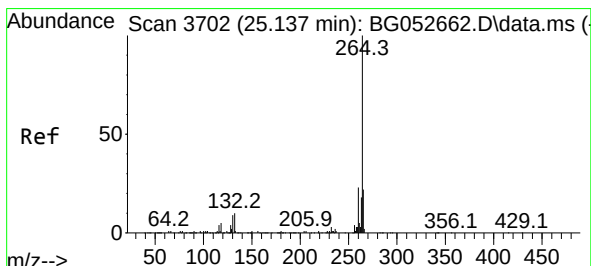
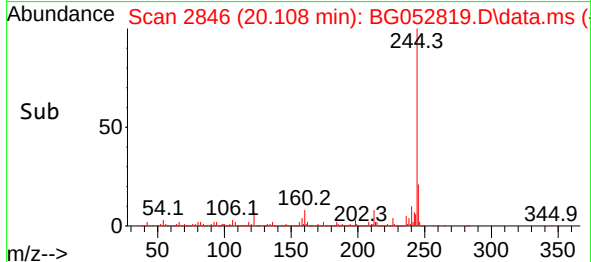
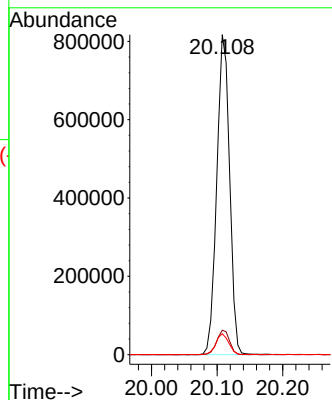
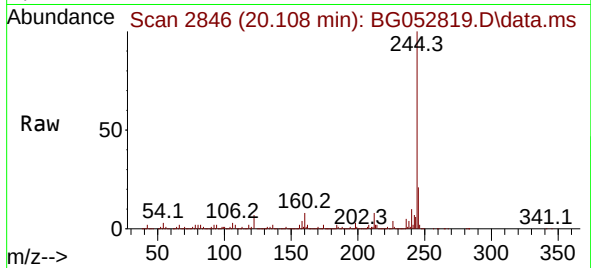




#79
 Terphenyl-d14
 Concen: 81.957 ng
 RT: 20.108 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG052819.D
 Acq: 24 Mar 2022 21:36

Instrument :
 BNA_G
 ClientSampleId :
 MW-58

Tgt Ion:244 Resp: 1103995
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.107 min Scan# 3697
 Delta R.T. -0.004 min
 Lab File: BG052819.D
 Acq: 24 Mar 2022 21:36

Tgt Ion:264 Resp: 261099
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.2 27.2
 265 21.1 15.1 22.7

