

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052823.D
 Acq On : 25 Mar 2022 00:12
 Operator : CG/JU
 Sample : N2090-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-59

Quant Time: Mar 25 03:20:53 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)

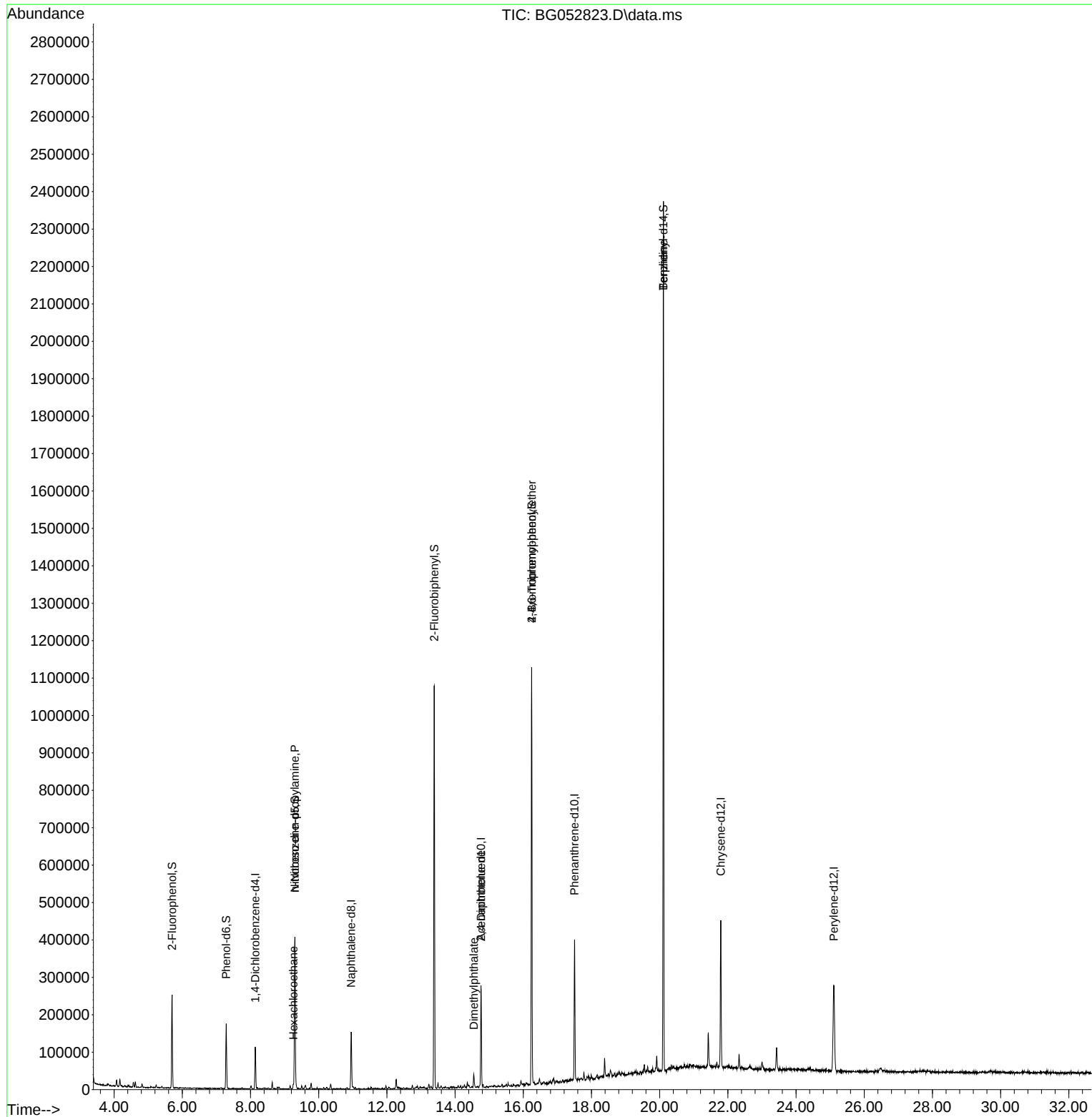
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	29640	20.000	ng	0.00
21) Naphthalene-d8	10.954	136	123322	20.000	ng	# 0.00
39) Acenaphthene-d10	14.760	164	98877	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	243779	20.000	ng	0.00
76) Chrysene-d12	21.792	240	251396	20.000	ng	0.00
86) Perylene-d12	25.111	264	266917	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	102513	60.232	ng	0.00
7) Phenol-d6	7.288	99	94331	36.763	ng	0.00
23) Nitrobenzene-d5	9.303	82	261078	106.255	ng	0.00
42) 2,4,6-Tribromophenol	16.247	330	219048	164.866	ng	0.00
45) 2-Fluorobiphenyl	13.392	172	597667	89.148	ng	0.00
79) Terphenyl-d14	20.112	244	1176814	83.270	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.288	77	260	Below Cal	#	5
18) Hexachloroethane	9.256	117	1794	2.260	ng	# 1
19) n-Nitroso-di-n-propyla...	9.303	70	36571	20.124	ng	# 74
50) Dimethylphthalate	14.549	163	18198	2.476	ng	# 96
57) 2,4-Dinitrotoluene	14.760	165	13264	7.705	ng	# 24
67) 4-Bromophenyl-phenylether	16.247	248	15285	5.201	ng	# 1
77) Benizidine	20.112	184	21481	3.313	ng	# 85

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

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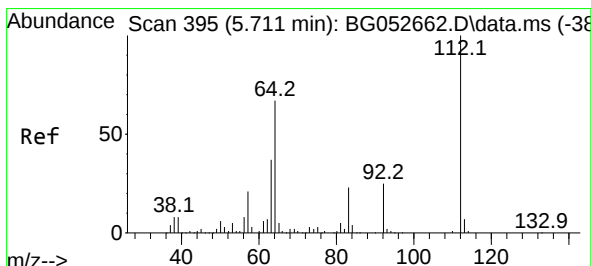
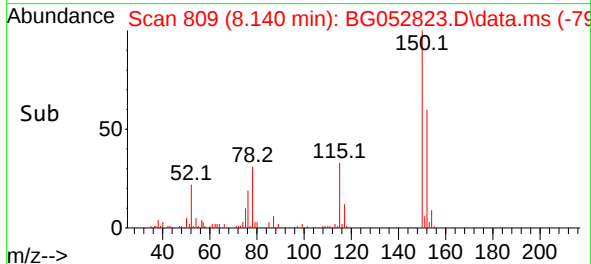
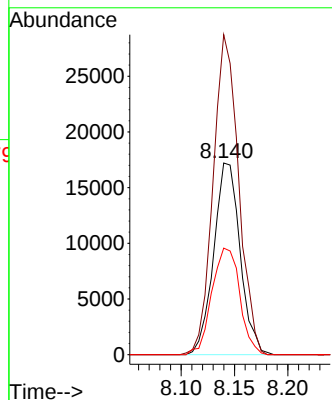
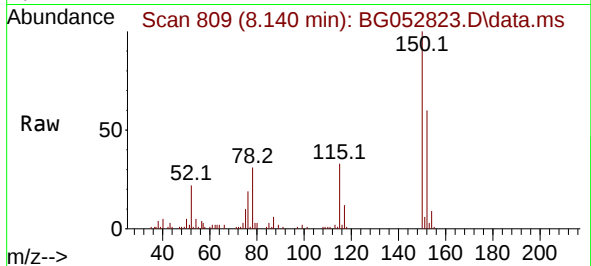




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 809
Delta R.T. -0.006 min
Lab File: BG052823.D
Acq: 25 Mar 2022 00:12

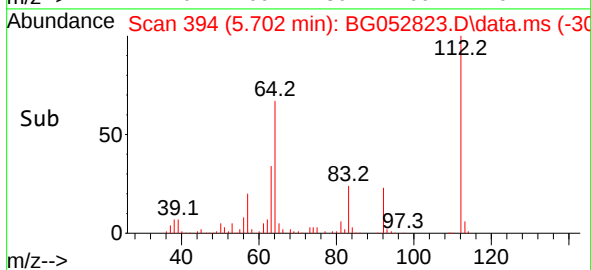
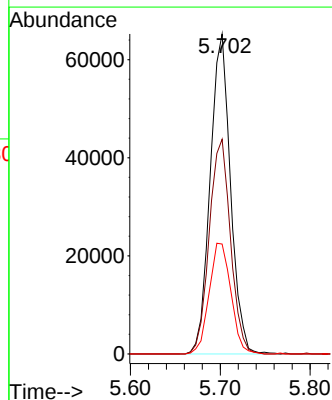
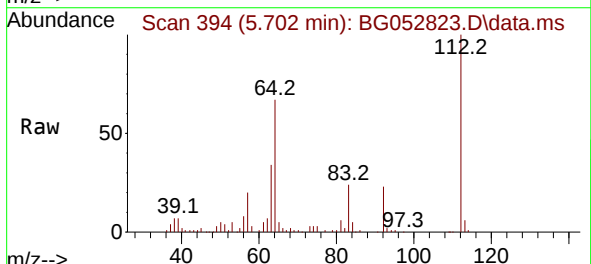
Instrument :
BNA_G
ClientSampleId :
MW-59

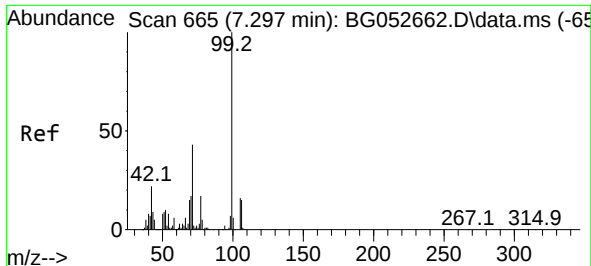
Tgt Ion:152 Resp: 29640
Ion Ratio Lower Upper
152 100
150 167.0 114.6 172.0
115 55.6 45.9 68.9



#5
2-Fluorophenol
Concen: 60.232 ng
RT: 5.702 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG052823.D
Acq: 25 Mar 2022 00:12

Tgt Ion:112 Resp: 102513
Ion Ratio Lower Upper
112 100
64 67.1 48.0 72.0
63 34.4 26.5 39.7

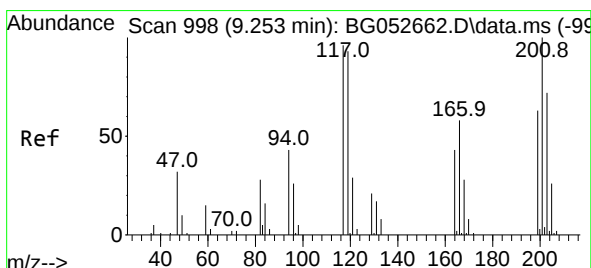
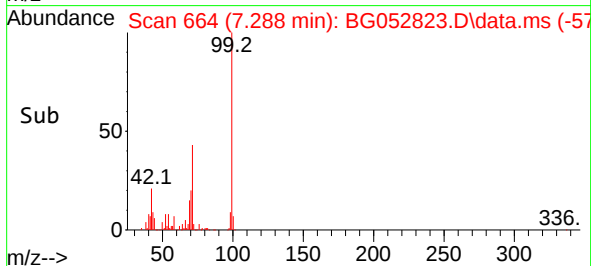
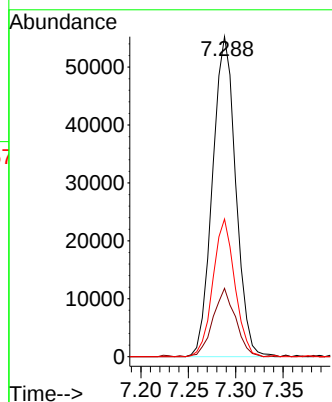
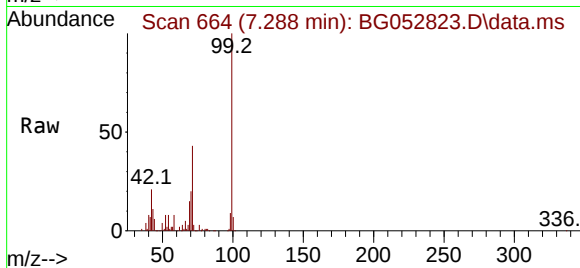




#7
Phenol-d6
Concen: 36.763 ng
RT: 7.288 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG052823.D
Acq: 25 Mar 2022 00:12

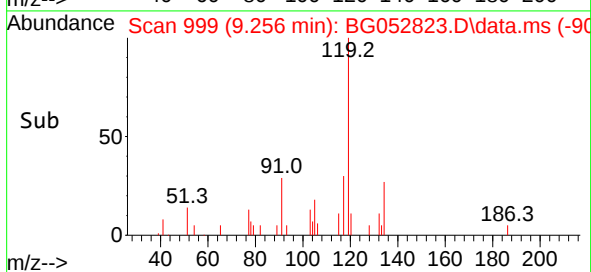
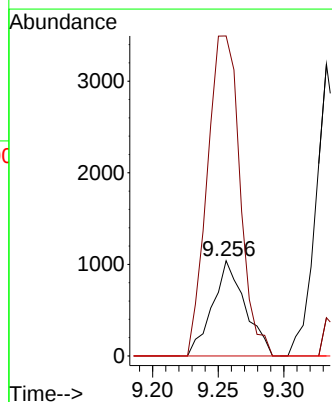
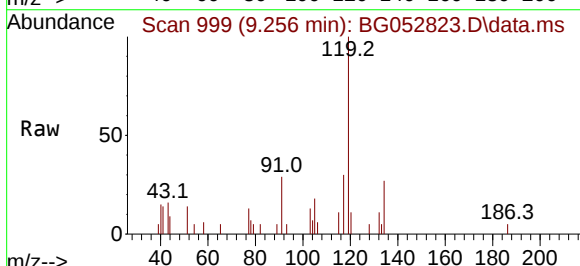
Instrument :
BNA_G
ClientSampleId :
MW-59

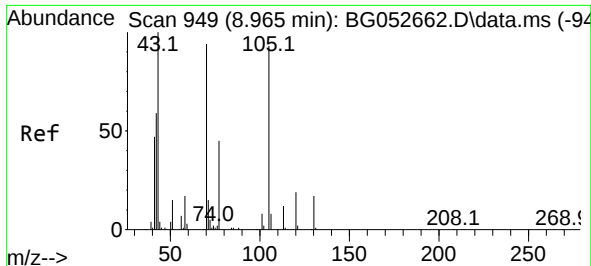
Tgt Ion: 99 Resp: 94331
Ion Ratio Lower Upper
99 100
42 21.4 14.7 22.1
71 43.0 29.2 43.8



#18
Hexachloroethane
Concen: 2.260 ng
RT: 9.256 min Scan# 999
Delta R.T. 0.023 min
Lab File: BG052823.D
Acq: 25 Mar 2022 00:12

Tgt Ion: 117 Resp: 1794
Ion Ratio Lower Upper
117 100
119 336.3 75.1 112.7#
201 0.0 96.6 145.0#

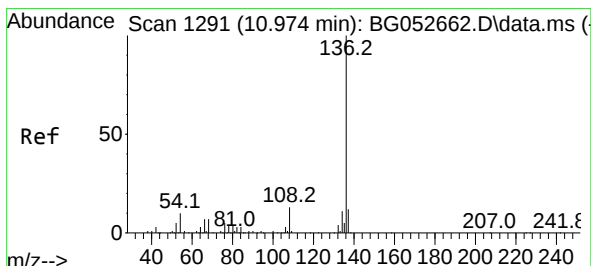
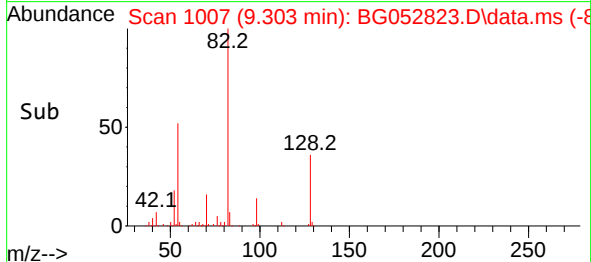
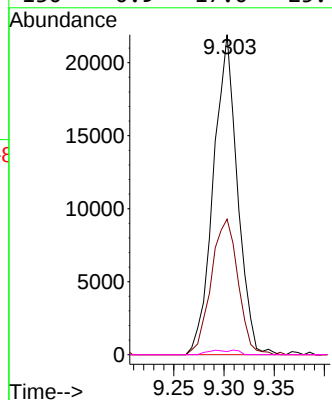
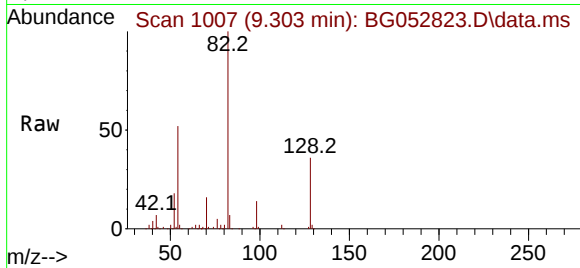




#19
n-Nitroso-di-n-propylamine
Concen: 20.124 ng
RT: 9.303 min Scan# 1007
Delta R.T. 0.358 min
Lab File: BG052823.D
Acq: 25 Mar 2022 00:12

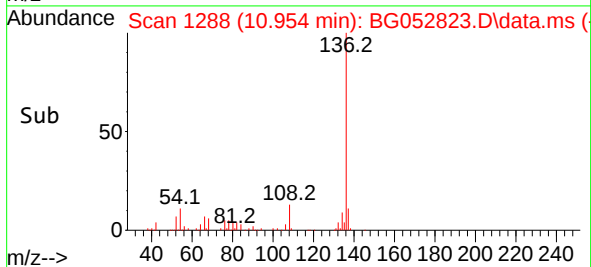
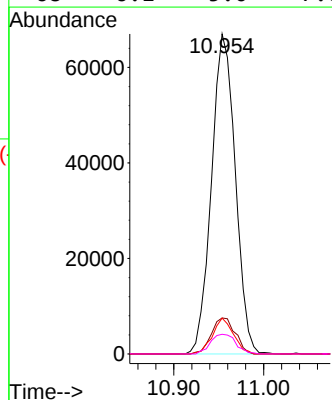
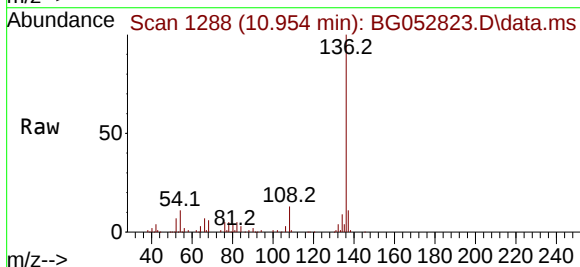
Instrument :
BNA_G
ClientSampleId :
MW-59

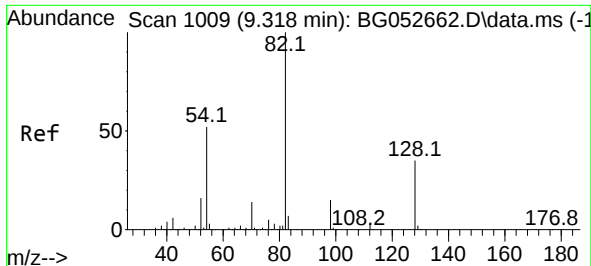
Tgt Ion: 70 Resp: 36571
Ion Ratio Lower Upper
70 100
42 42.4 46.0 69.0#
101 0.0 6.2 9.4#
130 0.9 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.954 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG052823.D
Acq: 25 Mar 2022 00:12

Tgt Ion: 136 Resp: 123322
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 11.2 6.4 9.6#
68 6.1 5.0 7.6

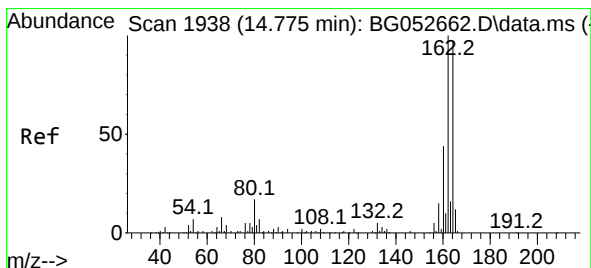
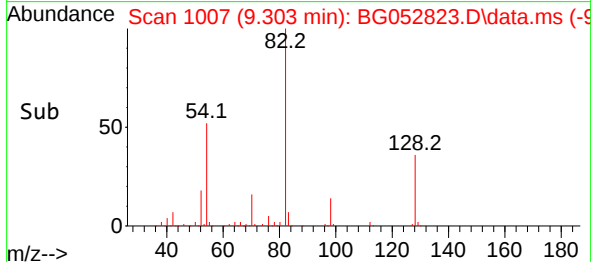
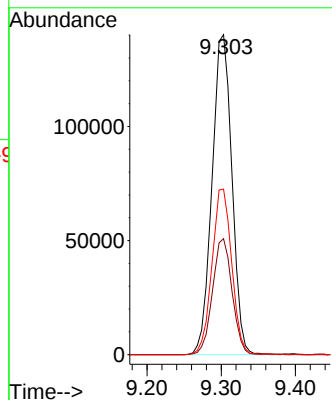
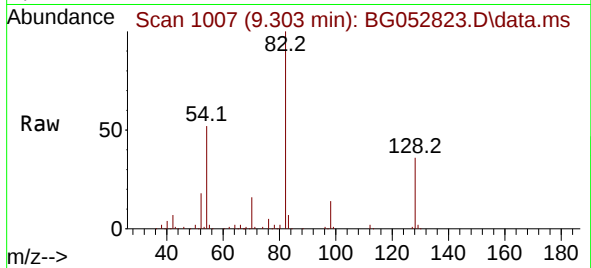




#23
Nitrobenzene-d5
Concen: 106.255 ng
RT: 9.303 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BG052823.D
Acq: 25 Mar 2022 00:12

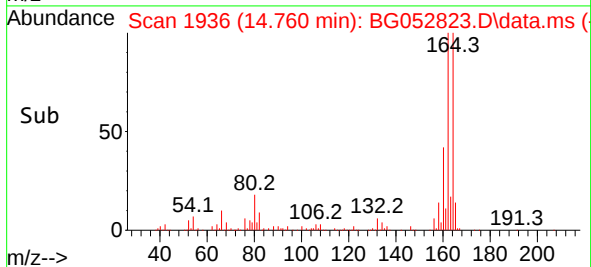
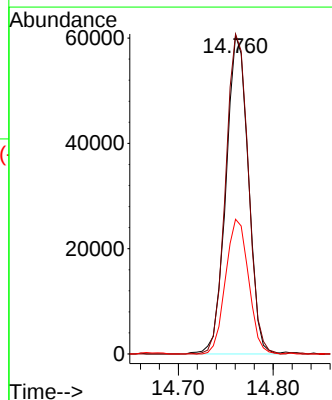
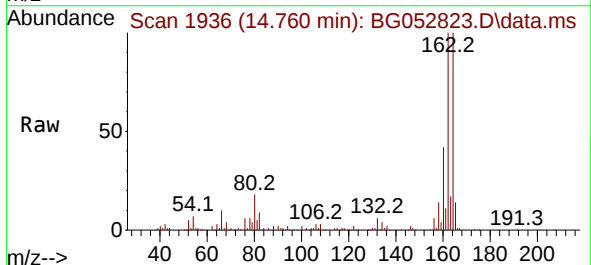
Instrument :
BNA_G
ClientSampleId :
MW-59

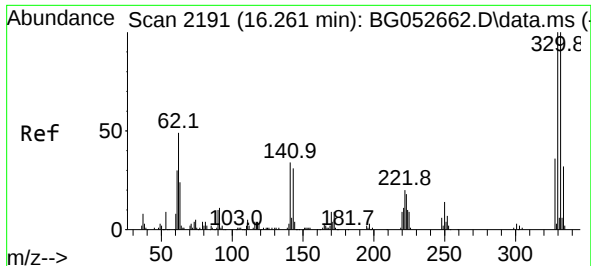
Tgt Ion: 82 Resp: 261078
Ion Ratio Lower Upper
82 100
128 36.2 31.3 46.9
54 51.8 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.760 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BG052823.D
Acq: 25 Mar 2022 00:12

Tgt Ion: 164 Resp: 98877
Ion Ratio Lower Upper
164 100
162 100.4 80.0 120.0
160 42.3 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 164.866 ng

RT: 16.247 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG052823.D

Acq: 25 Mar 2022 00:12

Instrument :

BNA_G

ClientSampleId :

MW-59

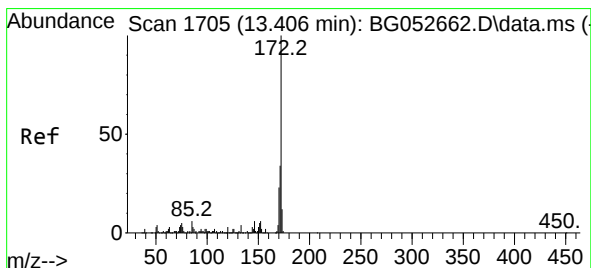
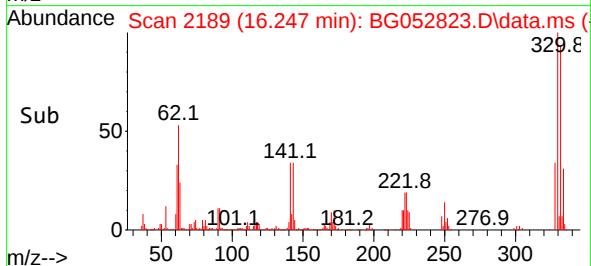
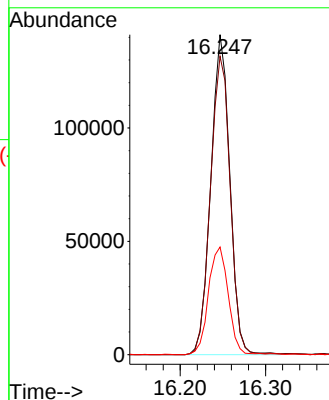
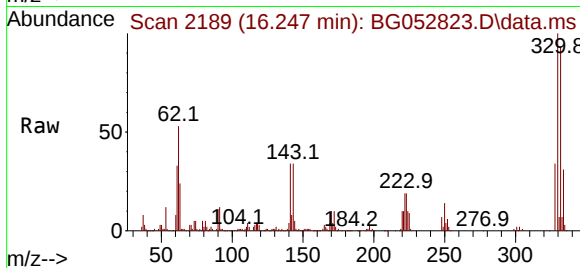
Tgt Ion:330 Resp: 219048

Ion Ratio Lower Upper

330 100

332 97.0 75.8 113.6

141 35.2 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 89.148 ng

RT: 13.392 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BG052823.D

Acq: 25 Mar 2022 00:12

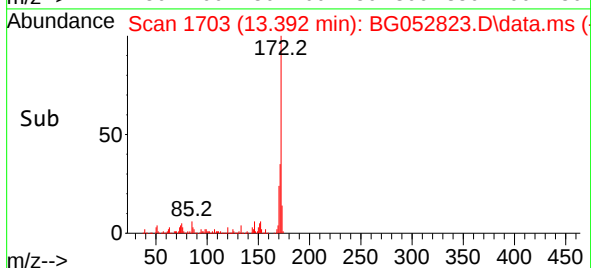
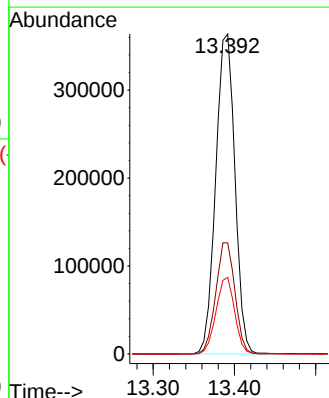
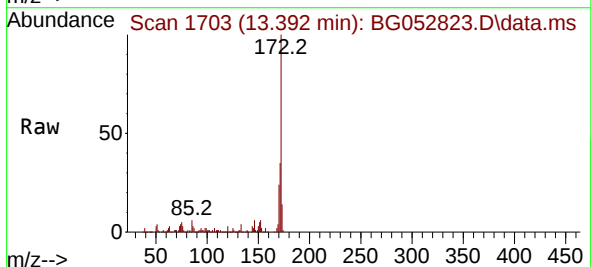
Tgt Ion:172 Resp: 597667

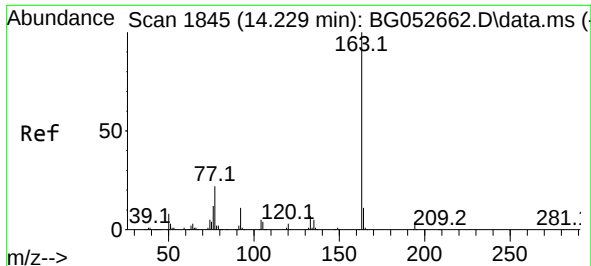
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 24.0 18.0 27.0

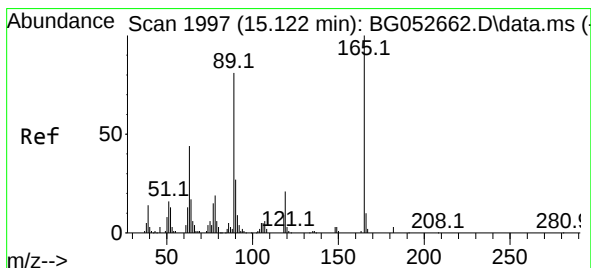
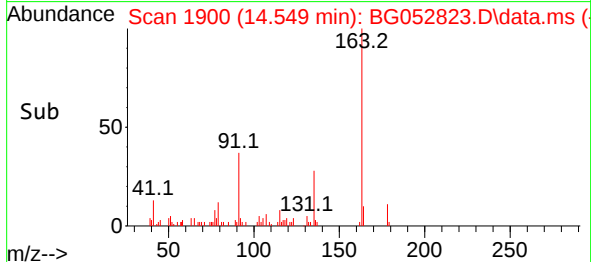
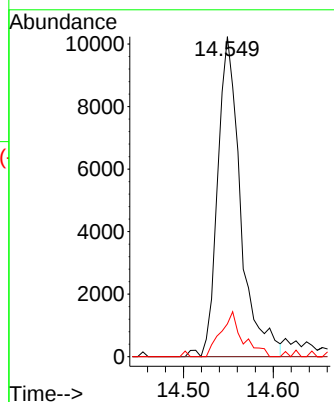
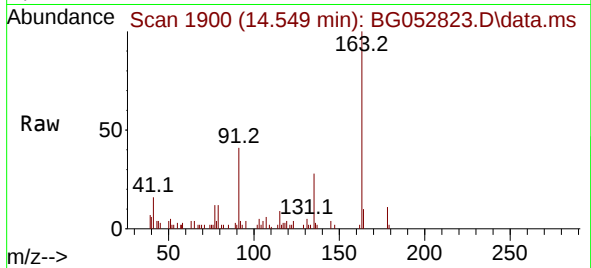




#50
Dimethylphthalate
Concen: 2.476 ng
RT: 14.549 min Scan# 1900
Delta R.T. 0.335 min
Lab File: BG052823.D
Acq: 25 Mar 2022 00:12

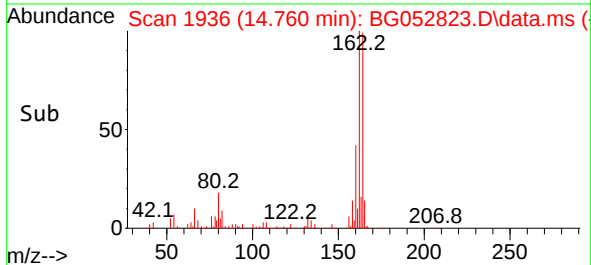
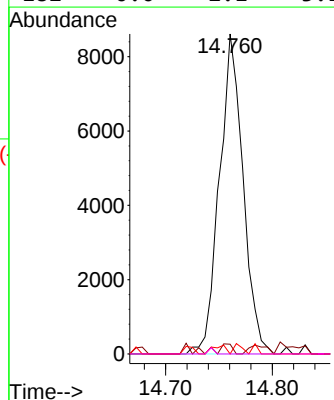
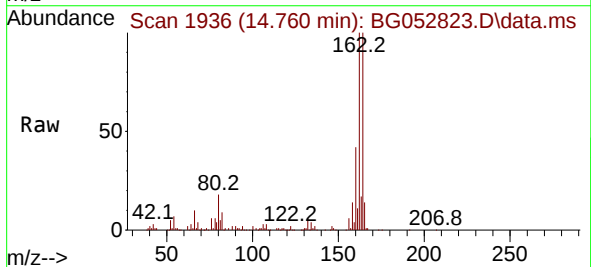
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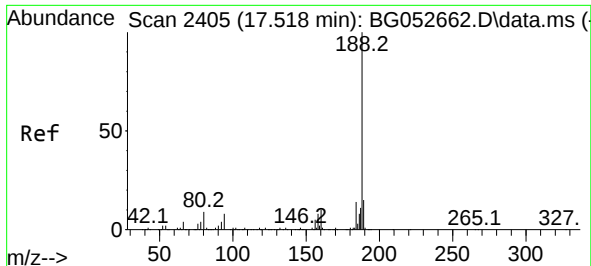
Tgt Ion:163 Resp: 18198
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 10.2 8.5 12.7



#57
2,4-Dinitrotoluene
Concen: 7.705 ng
RT: 14.760 min Scan# 1936
Delta R.T. -0.353 min
Lab File: BG052823.D
Acq: 25 Mar 2022 00:12

Tgt Ion:165 Resp: 13264
Ion Ratio Lower Upper
165 100
63 3.1 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

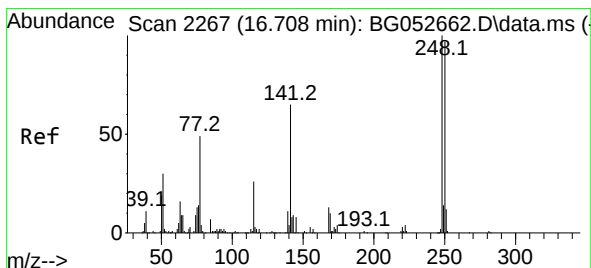
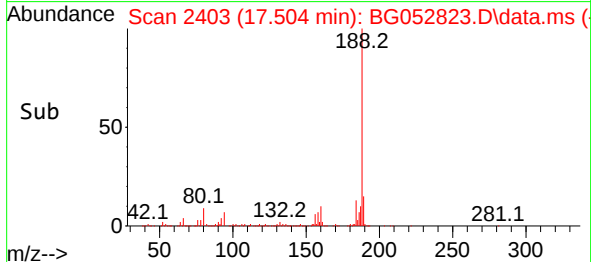
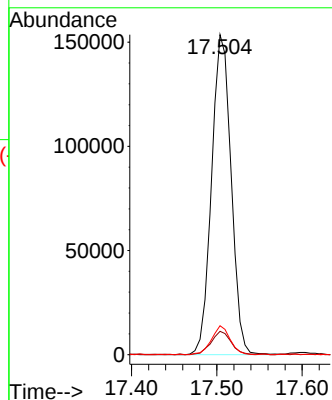
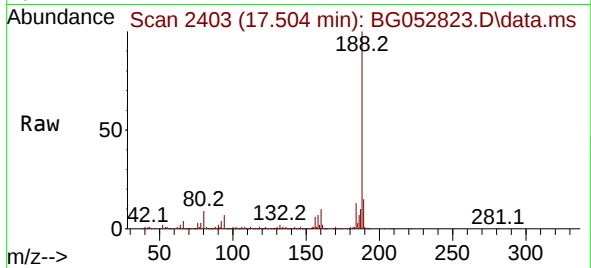




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG052823.D
Acq: 25 Mar 2022 00:12

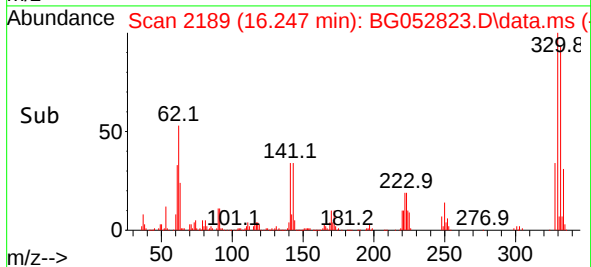
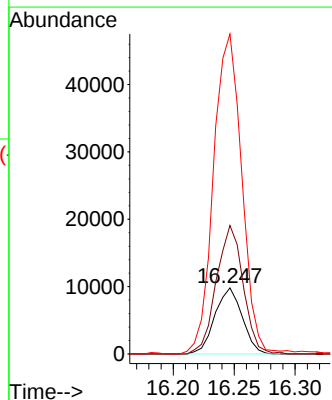
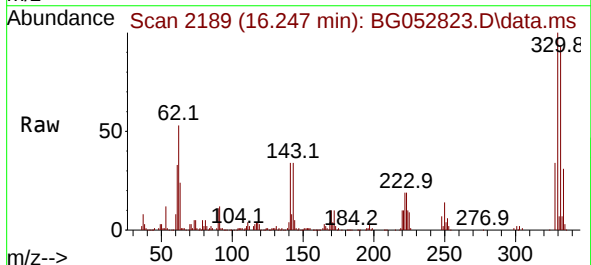
Instrument :
BNA_G
ClientSampleId :
MW-59

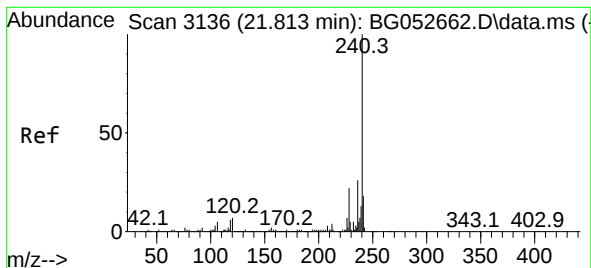
Tgt Ion:188 Resp: 243779
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 9.1 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.201 ng
RT: 16.247 min Scan# 2189
Delta R.T. -0.447 min
Lab File: BG052823.D
Acq: 25 Mar 2022 00:12

Tgt Ion:248 Resp: 15285
Ion Ratio Lower Upper
248 100
250 194.6 77.9 116.9#
141 484.3 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.792 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG052823.D

Acq: 25 Mar 2022 00:12

Instrument :

BNA_G

ClientSampleId :

MW-59

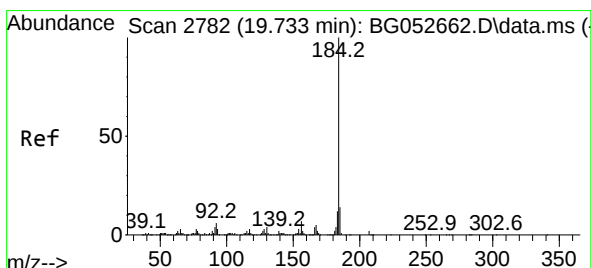
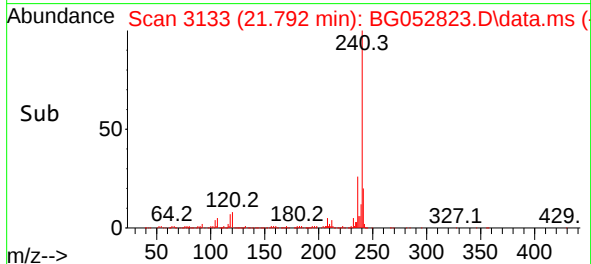
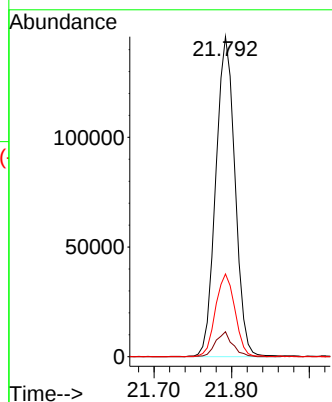
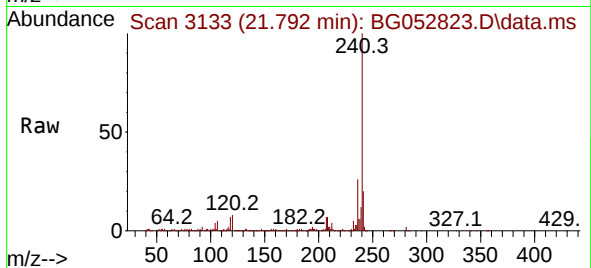
Tgt Ion:240 Resp: 251396

Ion Ratio Lower Upper

240 100

120 7.8 5.4 8.0

236 25.9 19.8 29.6



#77

Benzidine

Concen: 3.313 ng

RT: 20.112 min Scan# 2847

Delta R.T. 0.387 min

Lab File: BG052823.D

Acq: 25 Mar 2022 00:12

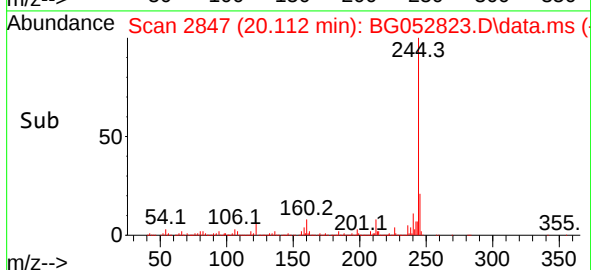
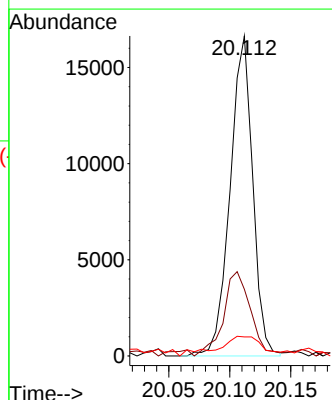
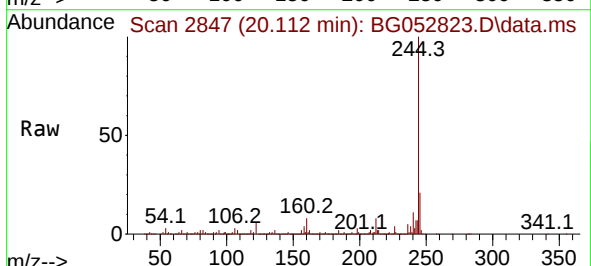
Tgt Ion:184 Resp: 21481

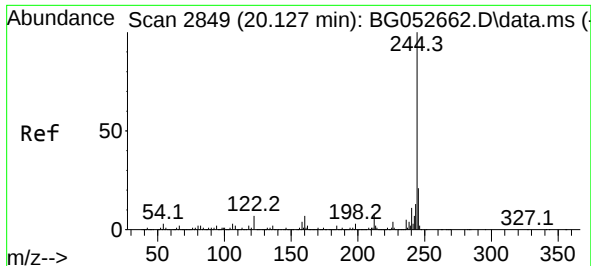
Ion Ratio Lower Upper

184 100

185 20.9 11.5 17.3#

183 5.9 9.4 14.2#

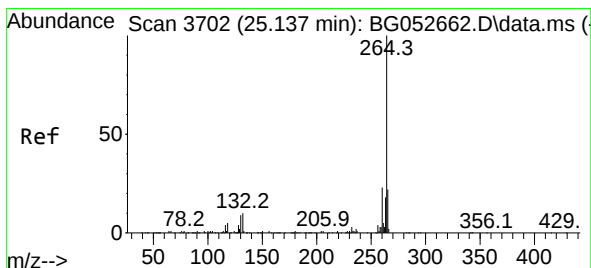
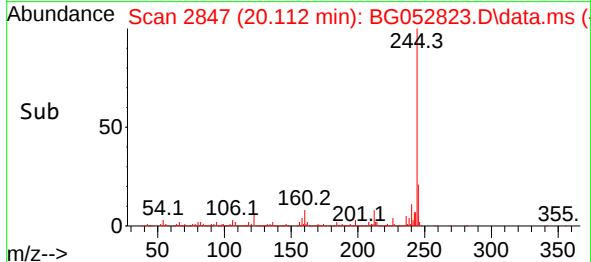
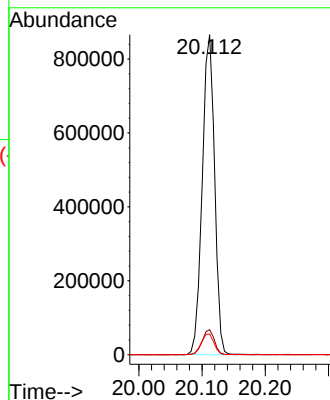
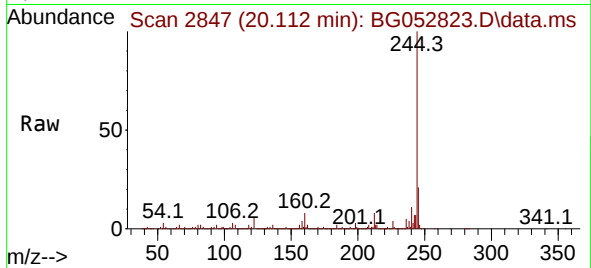




#79
 Terphenyl-d14
 Concen: 83.270 ng
 RT: 20.112 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG052823.D
 Acq: 25 Mar 2022 00:12

Instrument :
 BNA_G
 ClientSampleId :
 MW-59

Tgt Ion:244 Resp: 1176814
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.111 min Scan# 3698
 Delta R.T. -0.000 min
 Lab File: BG052823.D
 Acq: 25 Mar 2022 00:12

Tgt Ion:264 Resp: 266917
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.2
 265 20.8 15.1 22.7

