

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
 Data File : BG053717.D
 Acq On : 26 May 2022 15:06
 Operator : CG/JU
 Sample : N3026-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N48967

Quant Time: May 26 15:59:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

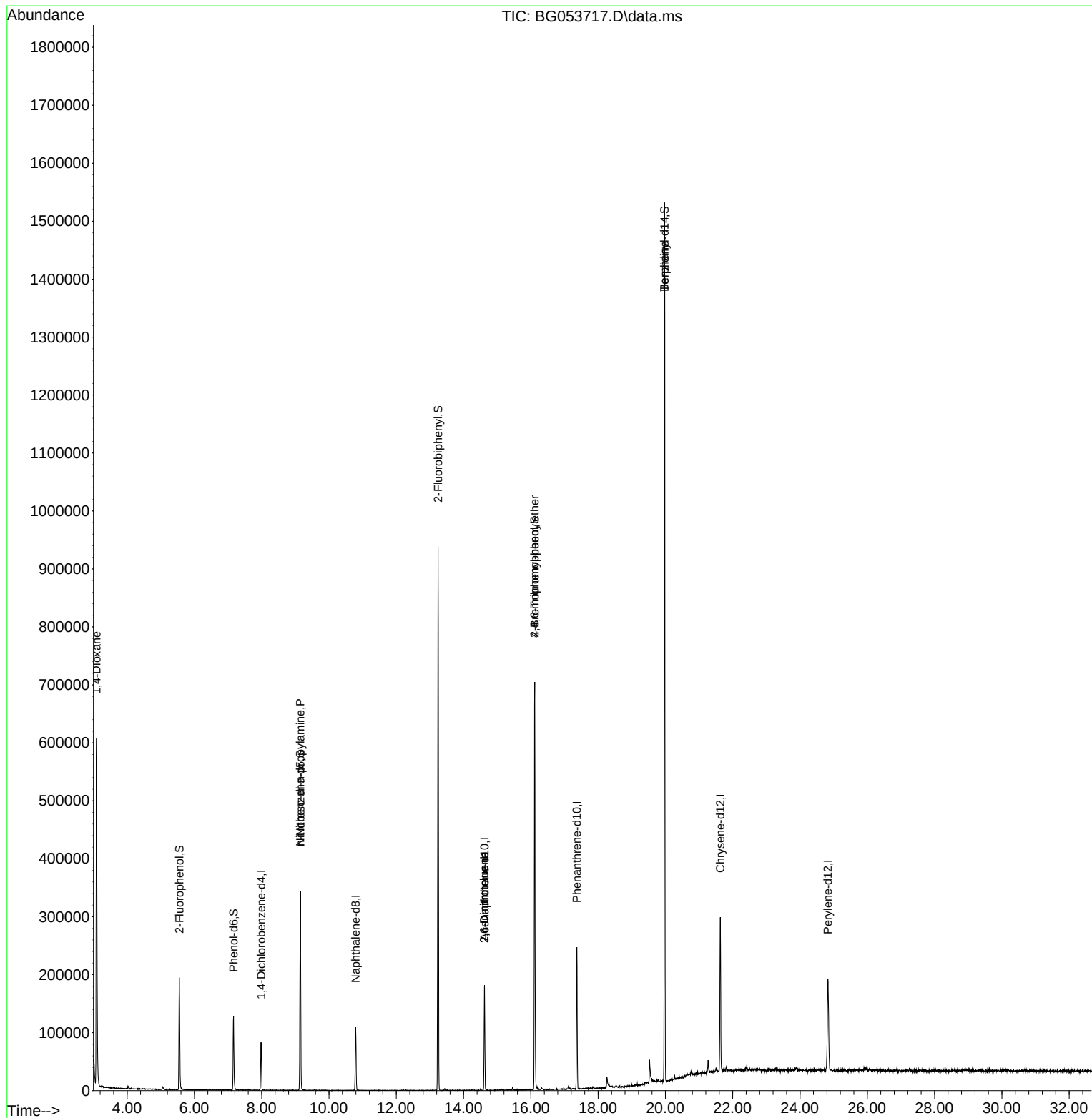
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	23230	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	88265	20.000	ng	0.00
39) Acenaphthene-d10	14.623	164	65599	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	153552	20.000	ng	0.00
76) Chrysene-d12	21.631	240	160536	20.000	ng	0.00
86) Perylene-d12	24.827	264	166207	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.553	112	83970	61.347	ng	0.00
7) Phenol-d6	7.163	99	74254	35.745	ng	0.00
23) Nitrobenzene-d5	9.148	82	211524	102.014	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	146486	151.405	ng	0.00
45) 2-Fluorobiphenyl	13.243	172	483400	107.682	ng	0.00
79) Terphenyl-d14	19.975	244	751402	87.174	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.092	88	6620	9.218	ng	# 1
19) n-Nitroso-di-n-propyla...	9.148	70	31271	20.981	ng	# 77
51) 2,6-Dinitrotoluene	14.617	165	8971	8.833	ng	# 18
57) 2,4-Dinitrotoluene	14.617	165	8971	6.094	ng	# 23
67) 4-Bromophenyl-phenylether	16.115	248	9528	5.313	ng	# 1
77) Benzydine	19.975	184	13067	3.776	ng	# 94

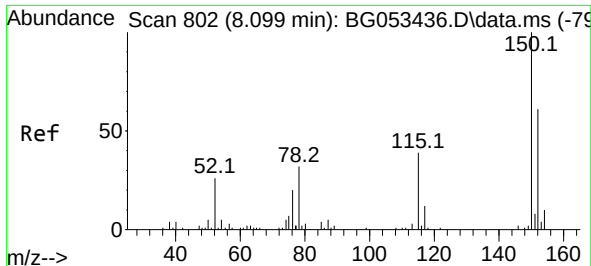
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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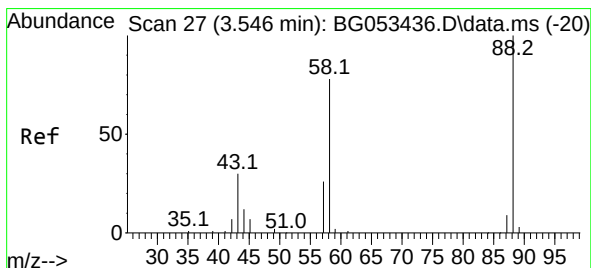
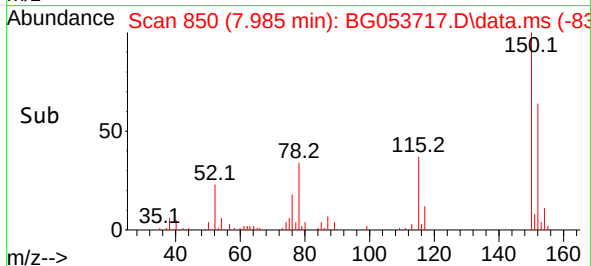
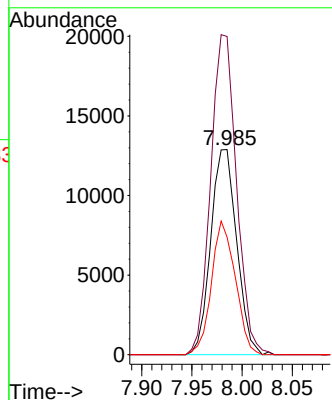
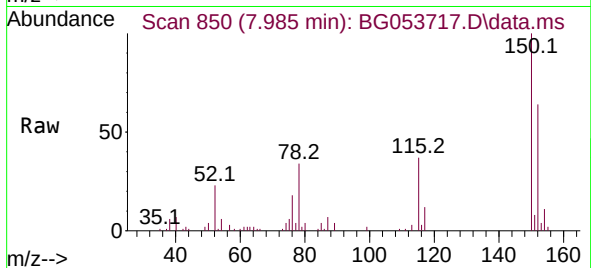




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.985 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

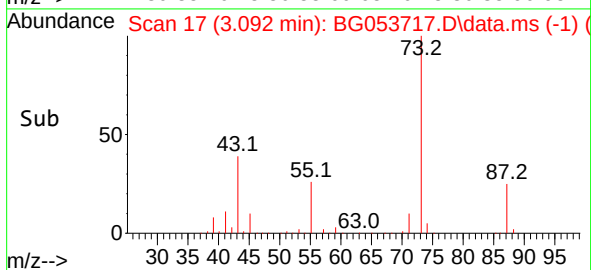
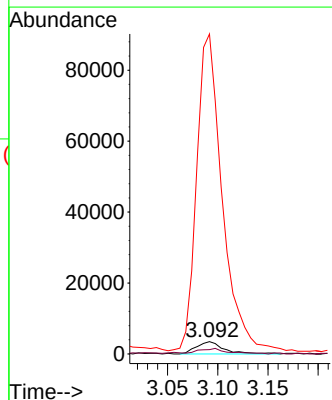
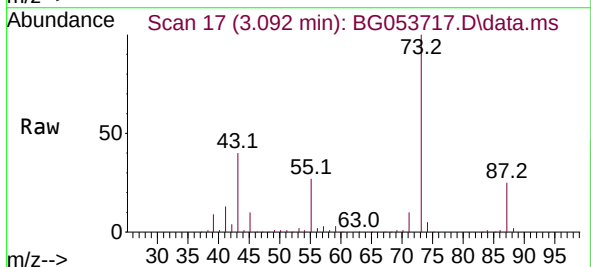
Instrument :
BNA_G
ClientSampleId :
N48967

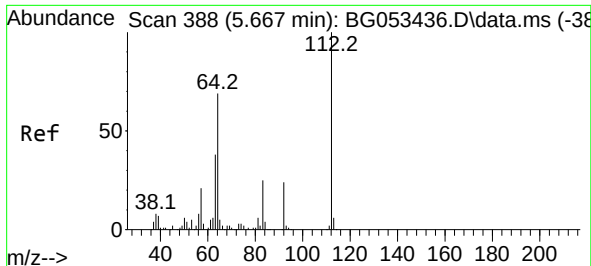
Tgt Ion:152 Resp: 23230
Ion Ratio Lower Upper
152 100
150 155.1 131.6 197.4
115 57.3 50.9 76.3



#2
1,4-Dioxane
Concen: 9.218 ng
RT: 3.092 min Scan# 17
Delta R.T. -0.307 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

Tgt Ion: 88 Resp: 6620
Ion Ratio Lower Upper
88 100
58 46.5 59.2 88.8#
43 2401.2 24.3 36.5#

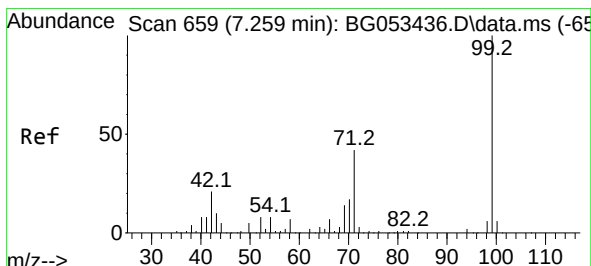
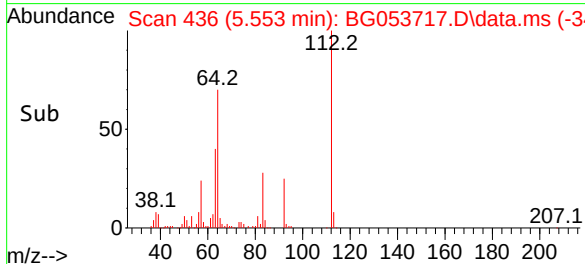
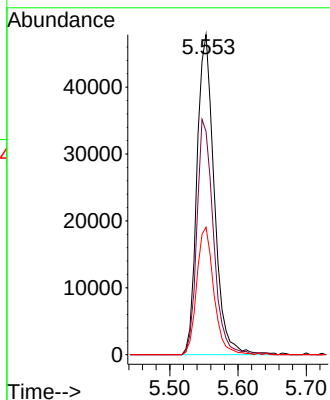
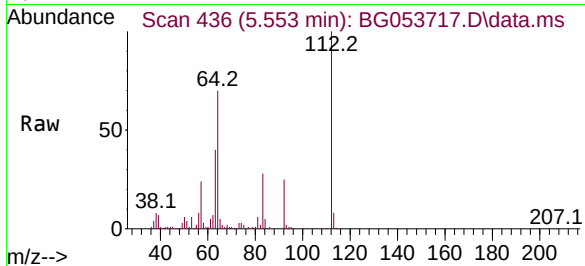




#5
2-Fluorophenol
Concen: 61.347 ng
RT: 5.553 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

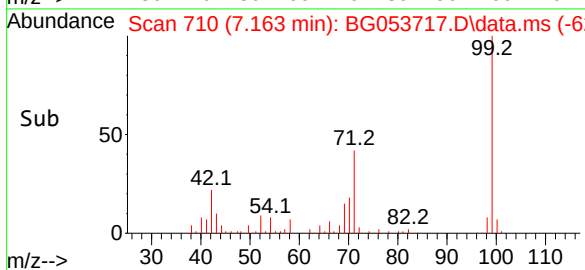
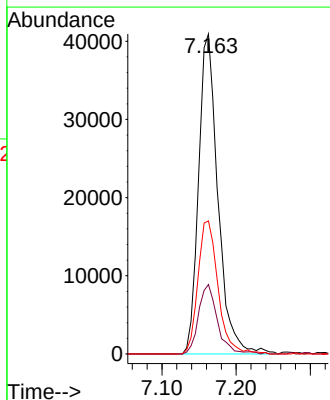
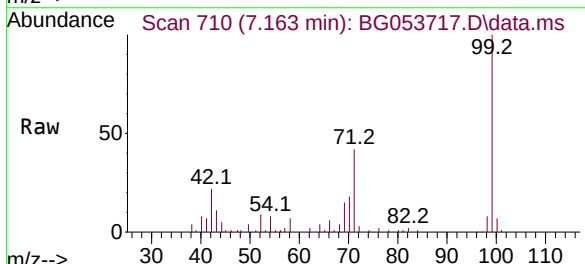
Instrument :
BNA_G
ClientSampleId :
N48967

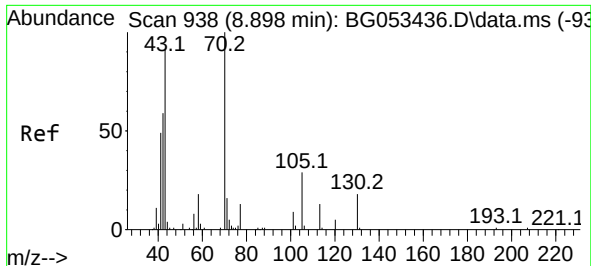
Tgt Ion: 112 Resp: 83970
Ion Ratio Lower Upper
112 100
64 69.7 55.1 82.7
63 39.8 30.4 45.6



#7
Phenol-d6
Concen: 35.745 ng
RT: 7.163 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

Tgt Ion: 99 Resp: 74254
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 41.6 33.8 50.8

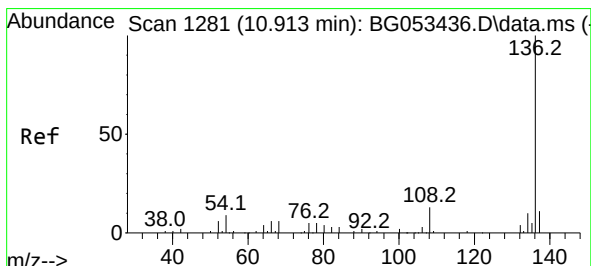
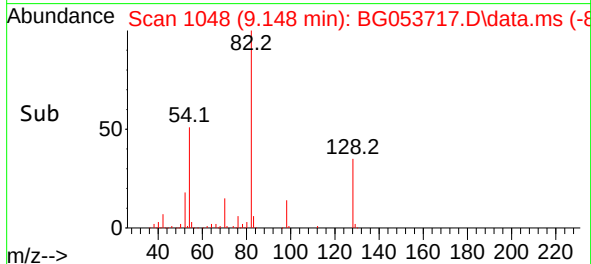
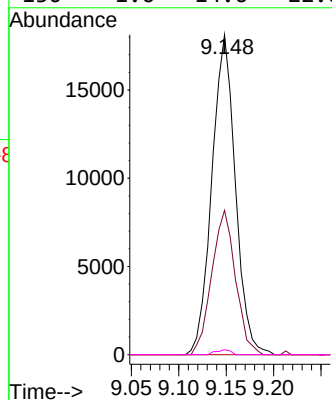
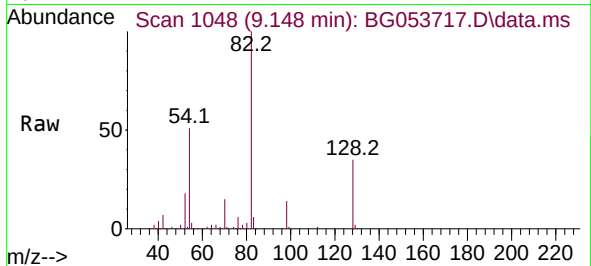




#19
n-Nitroso-di-n-propylamine
Concen: 20.981 ng
RT: 9.148 min Scan# 1048
Delta R.T. 0.351 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

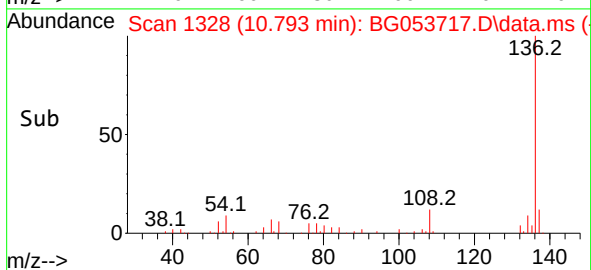
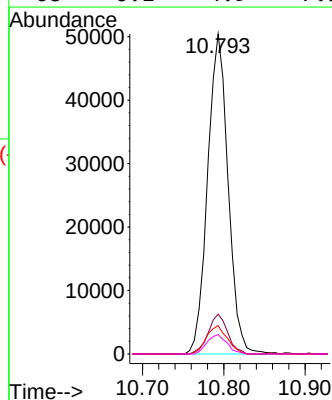
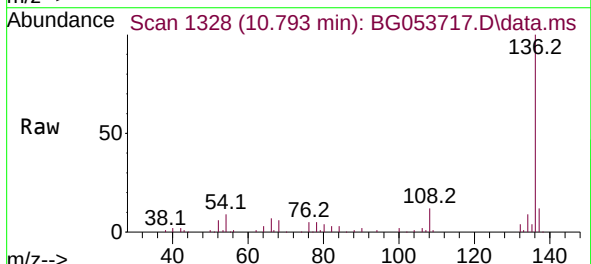
Instrument :
BNA_G
ClientSampleId :
N48967

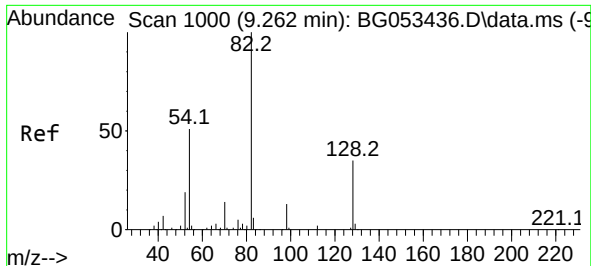
Tgt Ion: 70 Resp: 31271
Ion Ratio Lower Upper
70 100
42 45.1 47.3 70.9#
101 0.0 7.0 10.4#
130 1.6 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

Tgt Ion:136 Resp: 88265
Ion Ratio Lower Upper
136 100
137 12.5 8.5 12.7
54 8.8 7.4 11.2
68 6.1 4.9 7.3

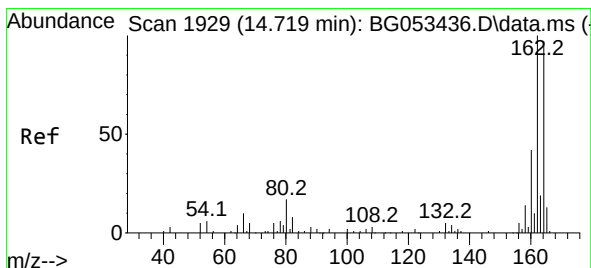
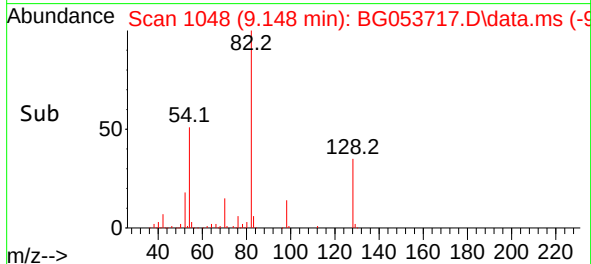
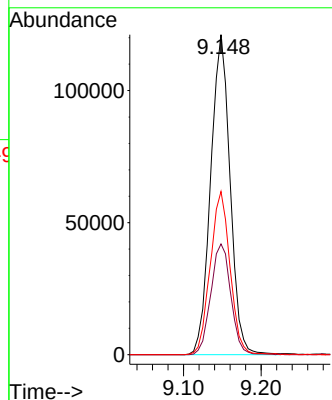
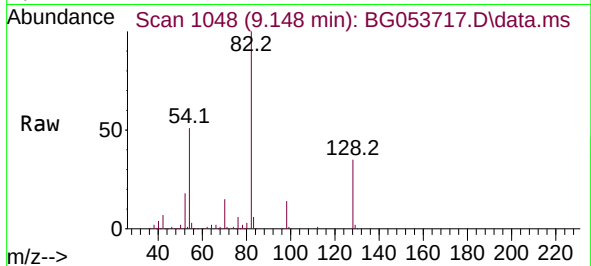




#23
Nitrobenzene-d5
Concen: 102.014 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

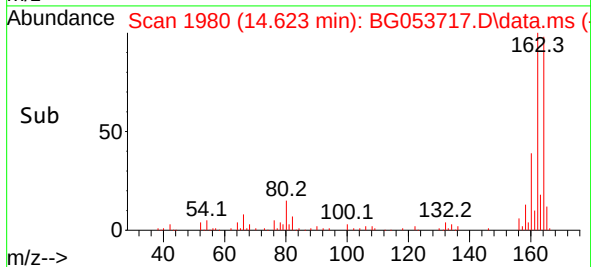
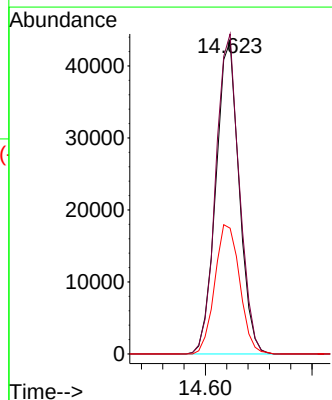
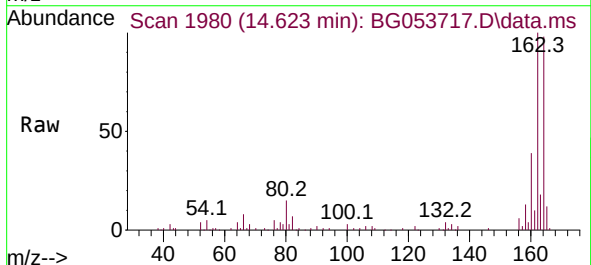
Instrument :
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ClientSampleId :
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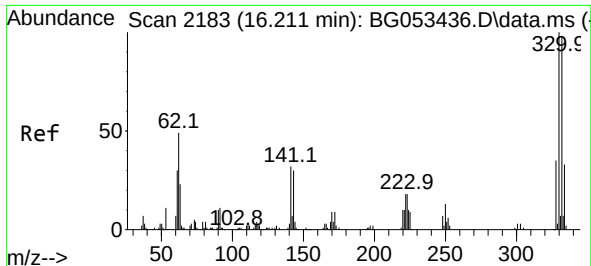
Tgt Ion: 82 Resp: 211524
Ion Ratio Lower Upper
82 100
128 34.6 27.9 41.9
54 51.0 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.623 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

Tgt Ion:164 Resp: 65599
Ion Ratio Lower Upper
164 100
162 102.4 82.3 123.5
160 40.3 34.2 51.2

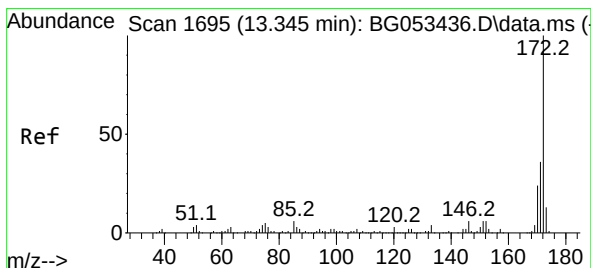
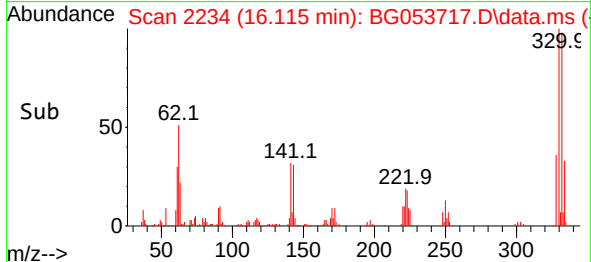
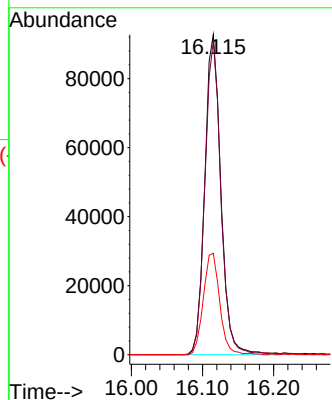
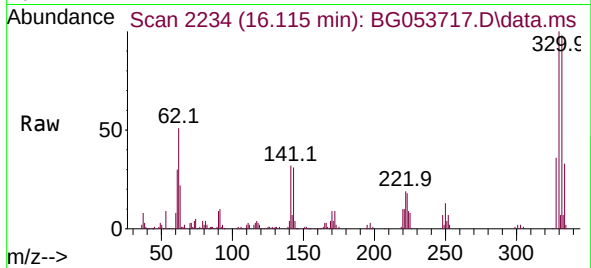




#42
2,4,6-Tribromophenol
Concen: 151.405 ng
RT: 16.115 min Scan# 2183
Delta R.T. -0.001 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

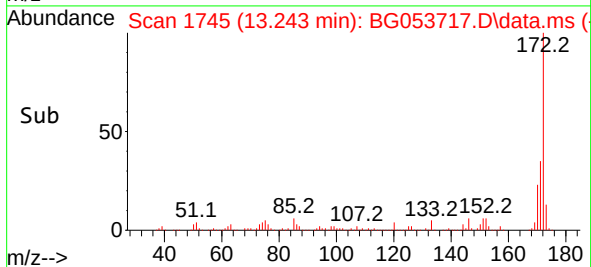
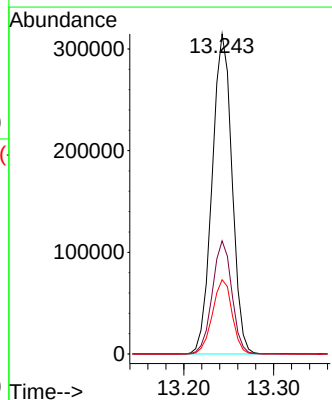
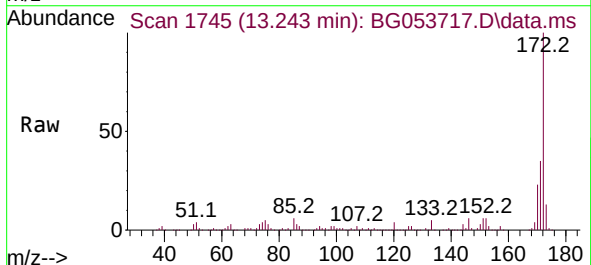
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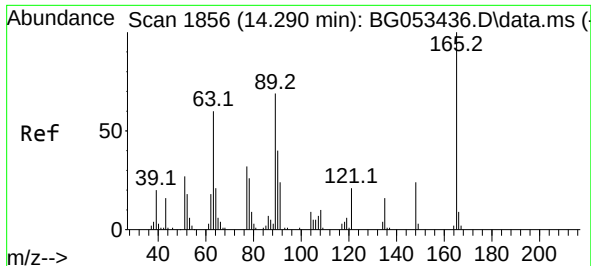
Tgt Ion:330 Resp: 146486
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 32.3 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 107.682 ng
RT: 13.243 min Scan# 1745
Delta R.T. -0.001 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

Tgt Ion:172 Resp: 483400
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.2 18.9 28.3

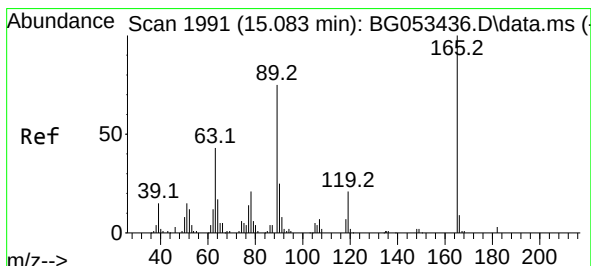
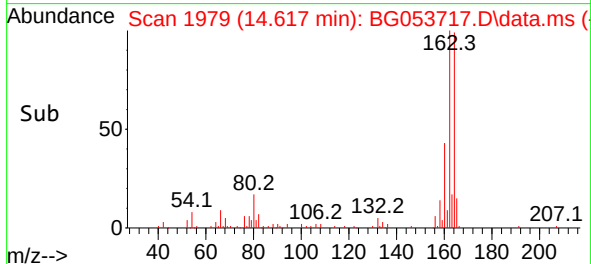
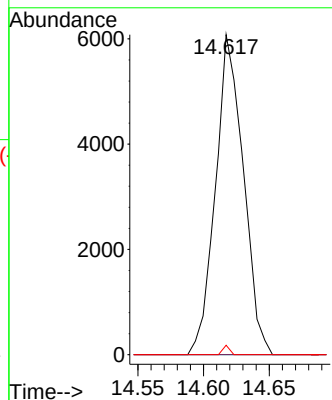
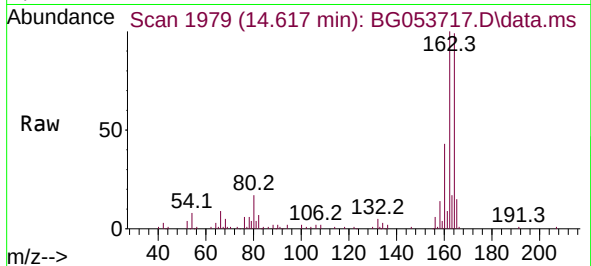




#51
2,6-Dinitrotoluene
Concen: 8.833 ng
RT: 14.617 min Scan# 1979
Delta R.T. 0.416 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

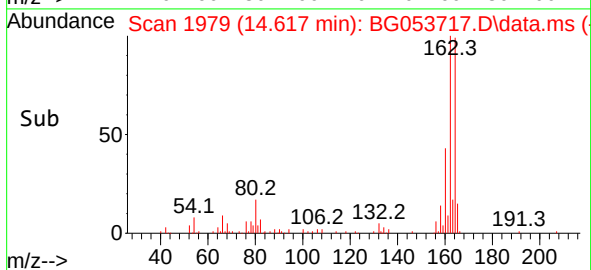
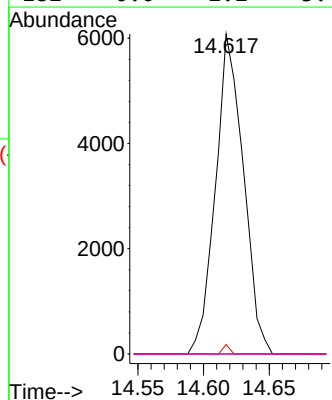
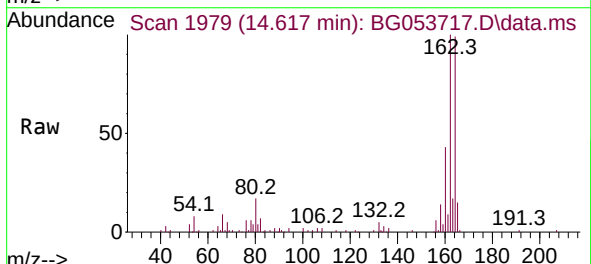
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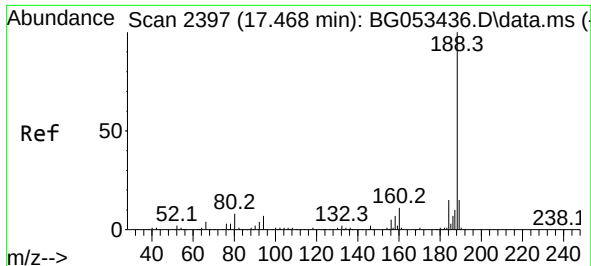
Tgt Ion:165 Resp: 8971
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 3.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 6.094 ng
RT: 14.617 min Scan# 1979
Delta R.T. -0.377 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

Tgt Ion:165 Resp: 8971
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 3.0 60.3 90.5#
182 0.0 2.2 3.4#

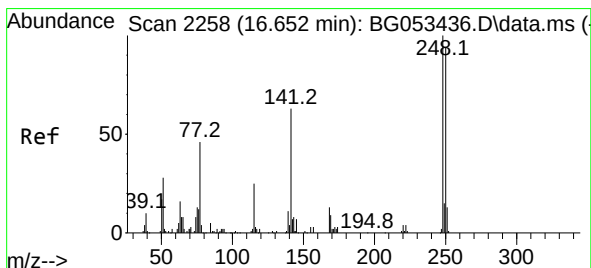
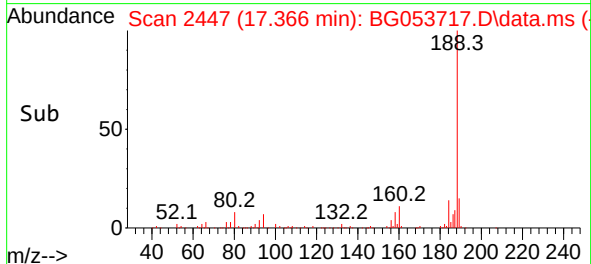
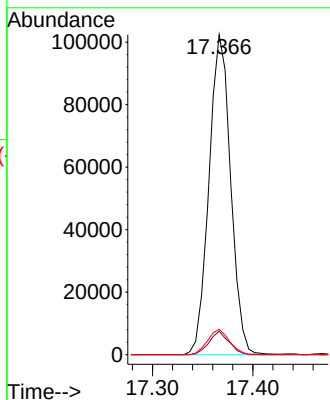
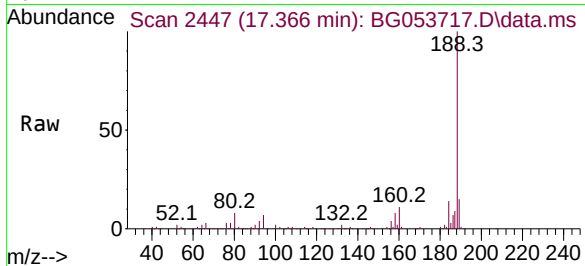




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

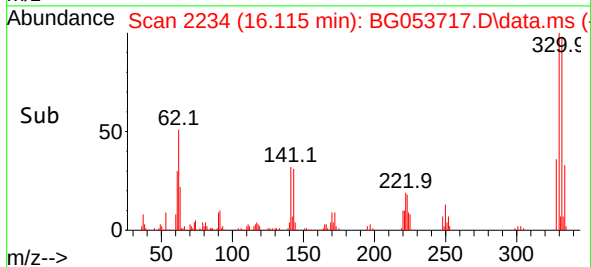
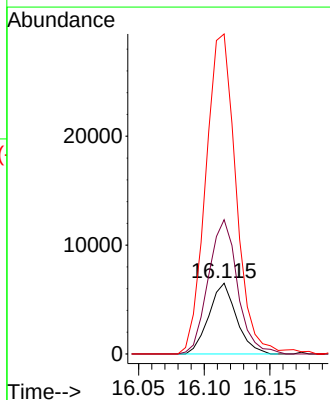
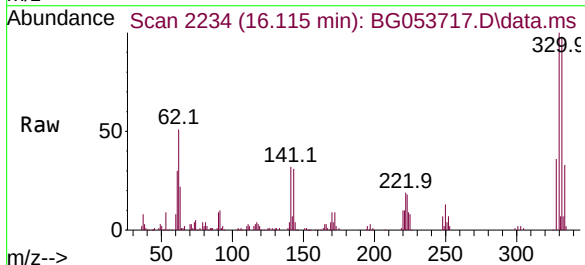
Instrument :
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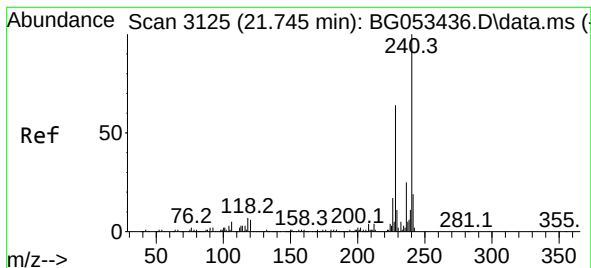
Tgt Ion:188 Resp: 153552
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 7.9 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 5.313 ng
RT: 16.115 min Scan# 2234
Delta R.T. -0.436 min
Lab File: BG053717.D
Acq: 26 May 2022 15:06

Tgt Ion:248 Resp: 9528
Ion Ratio Lower Upper
248 100
250 189.8 75.2 112.8#
141 452.2 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.631 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG053717.D

Acq: 26 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

N48967

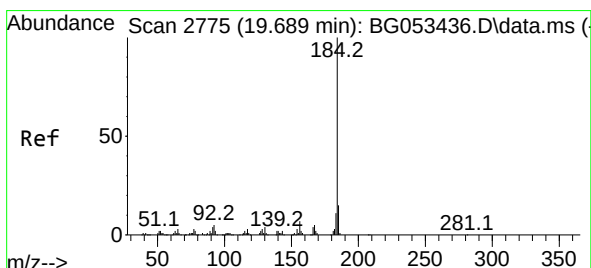
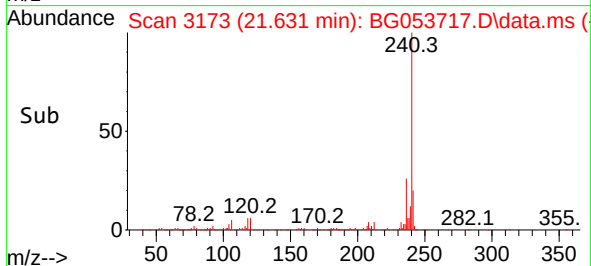
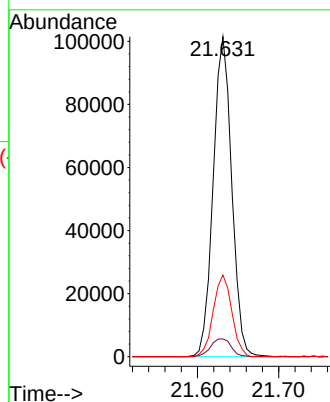
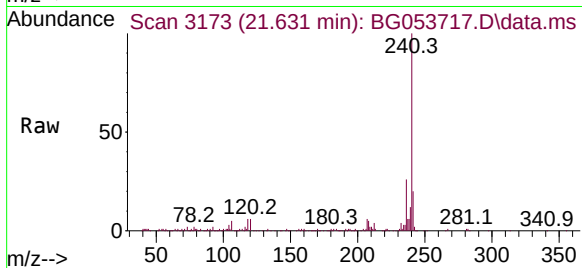
Tgt Ion:240 Resp: 160536

Ion Ratio Lower Upper

240 100

120 5.6 4.6 7.0

236 25.5 20.2 30.4



#77

Benzidine

Concen: 3.776 ng

RT: 19.975 min Scan# 2891

Delta R.T. 0.375 min

Lab File: BG053717.D

Acq: 26 May 2022 15:06

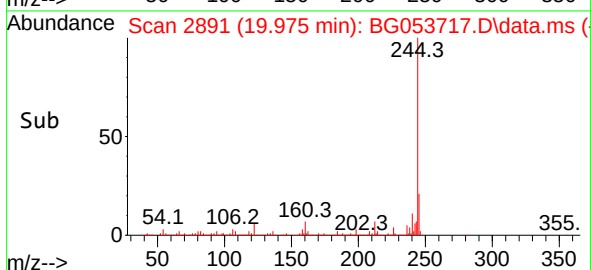
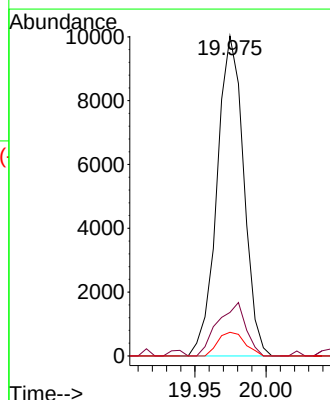
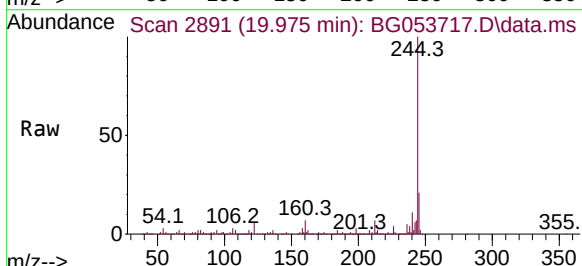
Tgt Ion:184 Resp: 13067

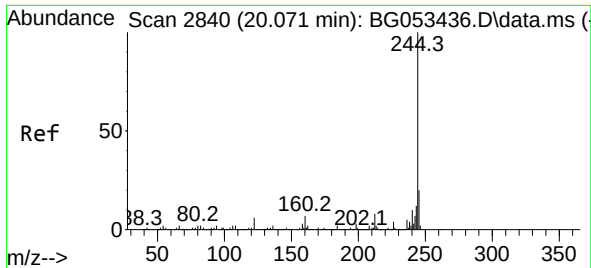
Ion Ratio Lower Upper

184 100

185 13.6 11.8 17.6

183 7.4 8.9 13.3#

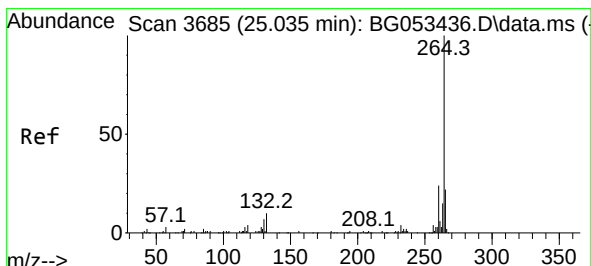
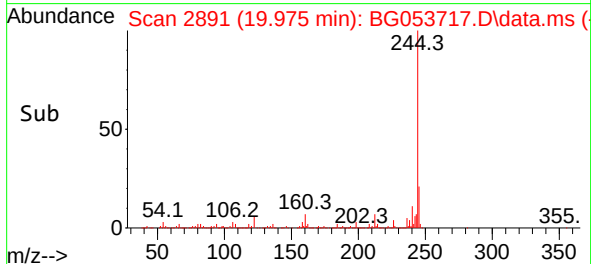
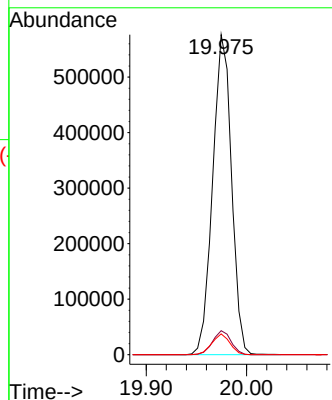
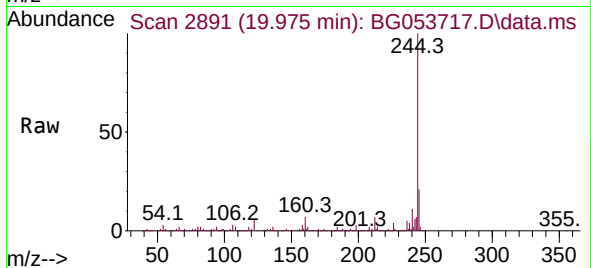




#79
 Terphenyl-d14
 Concen: 87.174 ng
 RT: 19.975 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053717.D
 Acq: 26 May 2022 15:06

Instrument :
 BNA_G
 ClientSampleId :
 N48967

Tgt Ion:244 Resp: 751402
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.827 min Scan# 3717
 Delta R.T. -0.013 min
 Lab File: BG053717.D
 Acq: 26 May 2022 15:06

Tgt Ion:264 Resp: 166207
 Ion Ratio Lower Upper
 264 100
 260 21.6 19.0 28.6
 265 21.6 17.4 26.2

