

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053481.D
 Acq On : 6 May 2022 19:30
 Operator : CG/JU
 Sample : N2703-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-29S

Quant Time: May 06 22:53:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

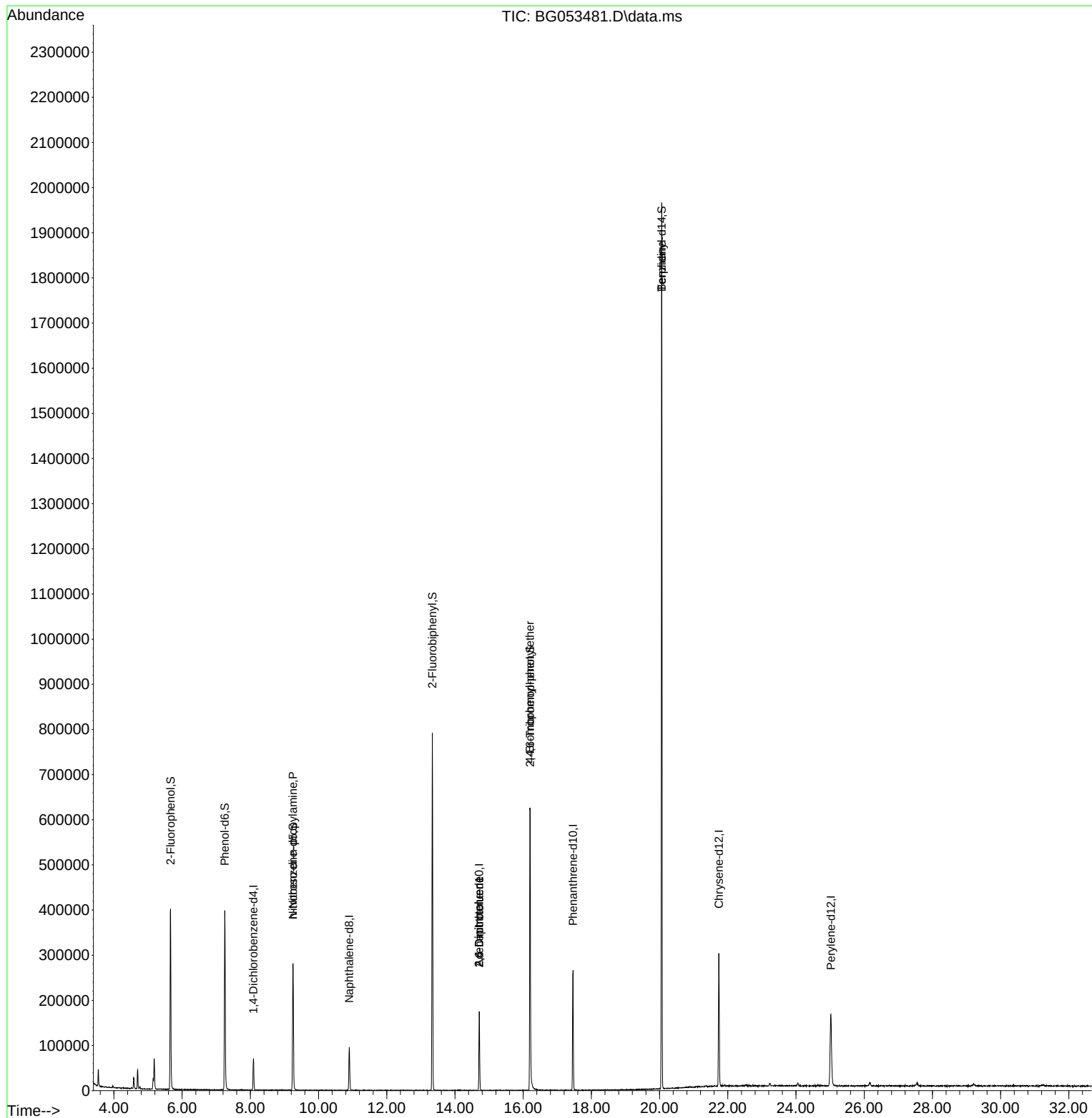
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	18930	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	80102	20.000	ng	-0.01
39) Acenaphthene-d10	14.711	164	63707	20.000	ng	0.00
64) Phenanthrene-d10	17.461	188	173930	20.000	ng	0.00
76) Chrysene-d12	21.737	240	193267	20.000	ng	0.00
86) Perylene-d12	25.021	264	189742	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	166545	149.313	ng	0.00
7) Phenol-d6	7.251	99	230498	136.163	ng	0.00
23) Nitrobenzene-d5	9.248	82	186010	98.851	ng	-0.01
42) 2,4,6-Tribromophenol	16.204	330	138702	147.617	ng	0.00
45) 2-Fluorobiphenyl	13.337	172	418712	96.042	ng	0.00
79) Terphenyl-d14	20.063	244	995226	95.908	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	26384	21.723	ng	# 79
51) 2,6-Dinitrotoluene	14.711	165	8286	8.401	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	8286	5.796	ng	# 21
67) 4-Bromophenyl-phenylether	16.198	248	8562	4.215	ng	# 1
77) Benzidine	20.063	184	17304	4.154	ng	# 89

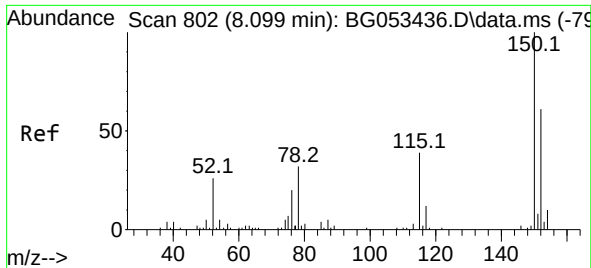
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
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QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

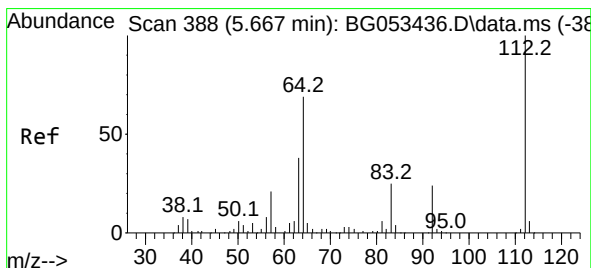
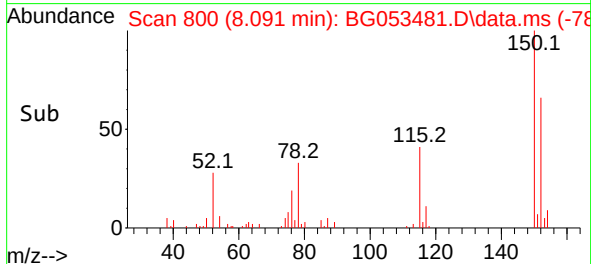
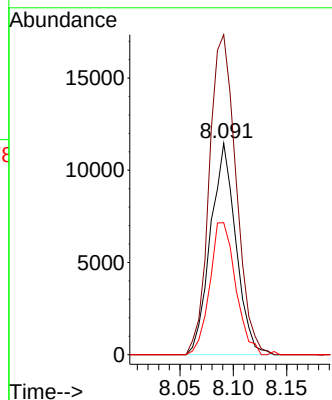
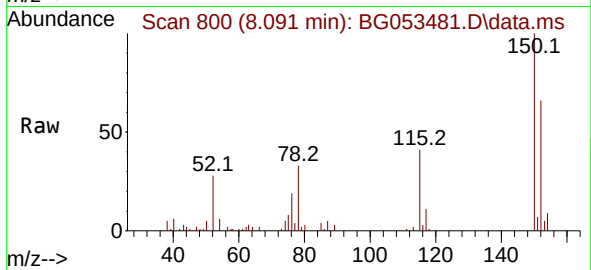




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

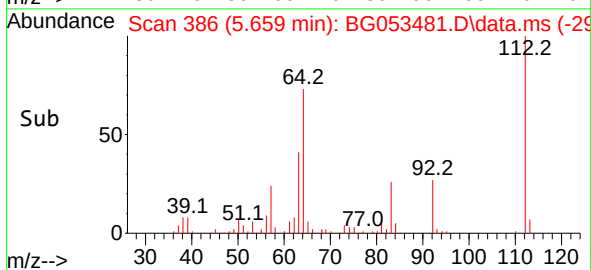
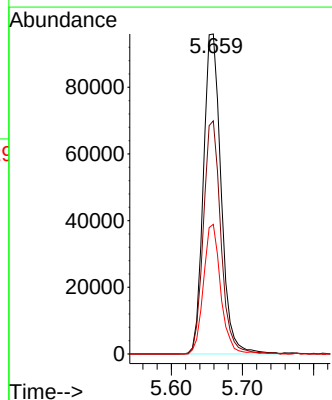
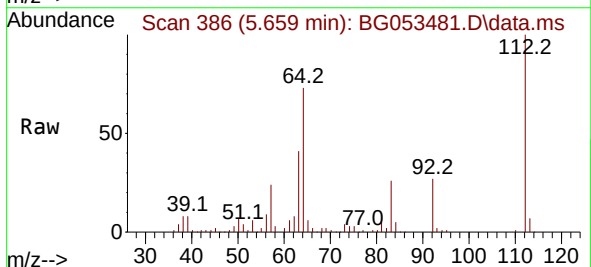
Instrument :
BNA_G
ClientSampleId :
MH-29S

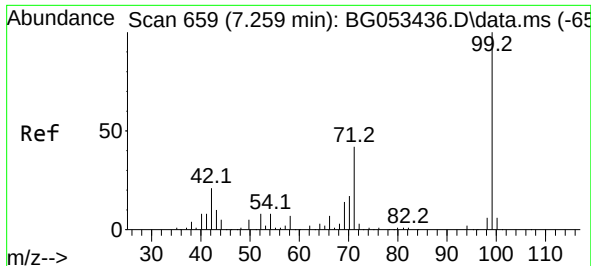
Tgt Ion:152 Resp: 18930
Ion Ratio Lower Upper
152 100
150 151.4 131.6 197.4
115 62.4 50.9 76.3



#5
2-Fluorophenol
Concen: 149.313 ng
RT: 5.659 min Scan# 386
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

Tgt Ion:112 Resp: 166545
Ion Ratio Lower Upper
112 100
64 72.9 55.1 82.7
63 40.5 30.4 45.6

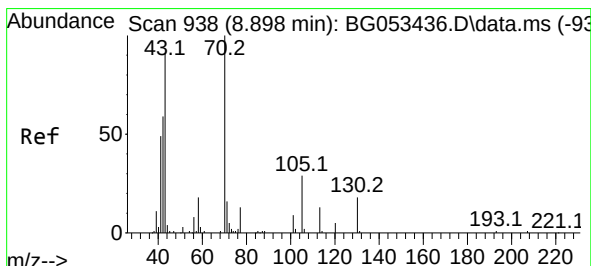
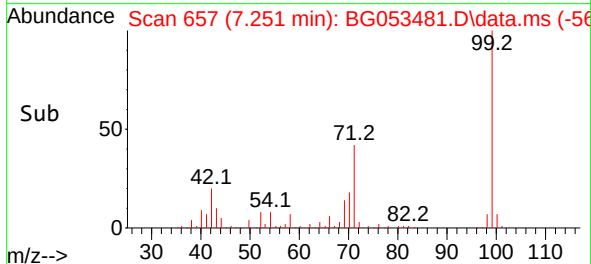
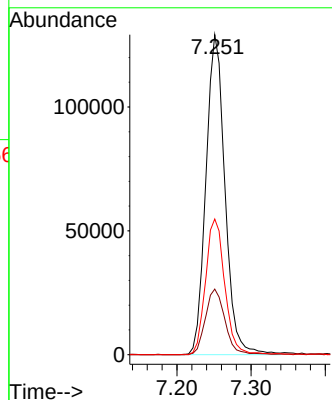
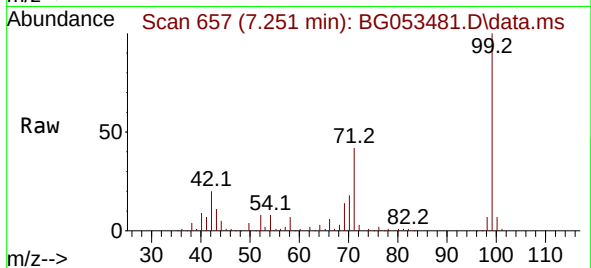




#7
Phenol-d6
Concen: 136.163 ng
RT: 7.251 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

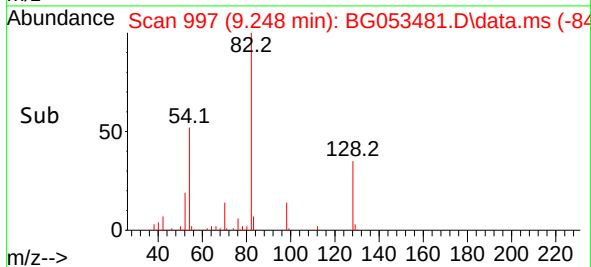
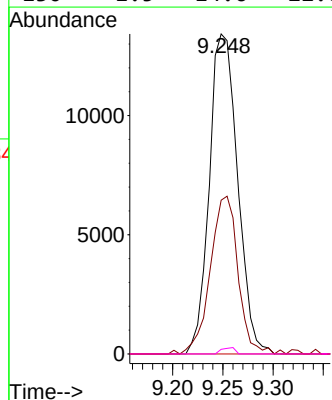
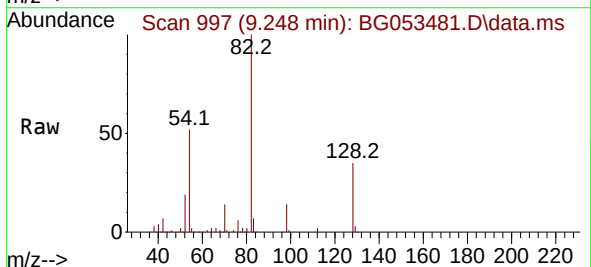
Instrument :
BNA_G
ClientSampleId :
MH-29S

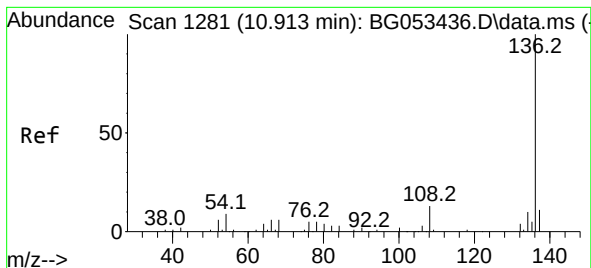
Tgt Ion: 99 Resp: 230498
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 42.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.723 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.351 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

Tgt Ion: 70 Resp: 26384
Ion Ratio Lower Upper
70 100
42 48.0 47.3 70.9
101 0.0 7.0 10.4#
130 1.5 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.899 min Scan# 11

Delta R.T. -0.014 min

Lab File: BG053481.D

Acq: 6 May 2022 19:30

Instrument :

BNA_G

ClientSampleId :

MH-29S

Tgt Ion:136 Resp: 80102

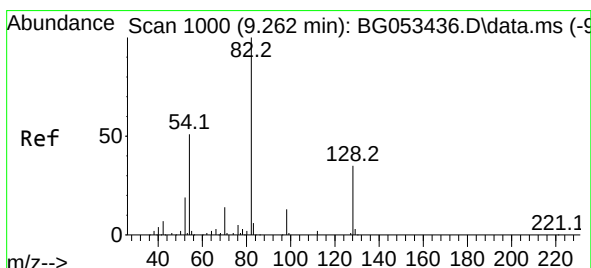
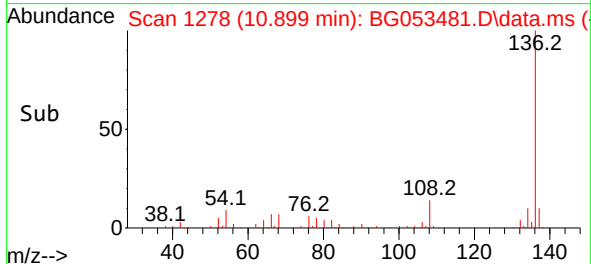
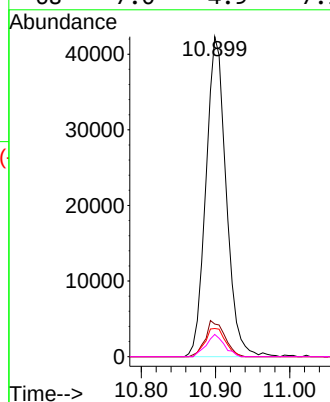
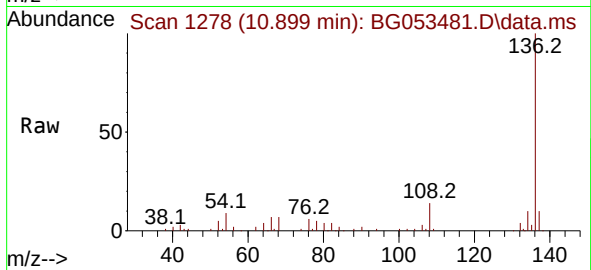
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 8.8 7.4 11.2

68 7.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 98.851 ng

RT: 9.248 min Scan# 997

Delta R.T. -0.014 min

Lab File: BG053481.D

Acq: 6 May 2022 19:30

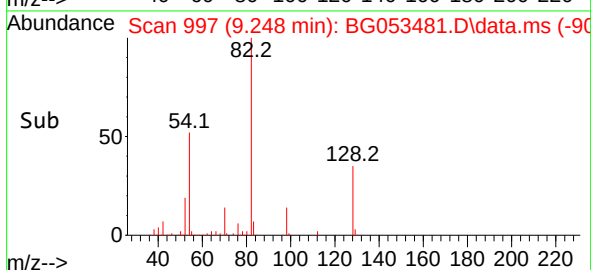
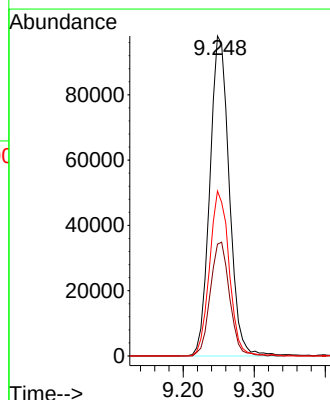
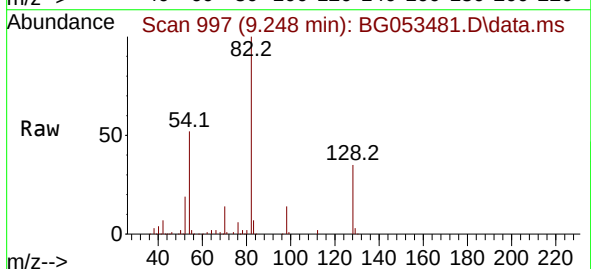
Tgt Ion: 82 Resp: 186010

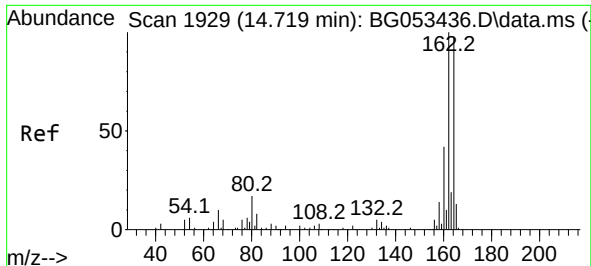
Ion Ratio Lower Upper

82 100

128 34.9 27.9 41.9

54 51.6 41.2 61.8

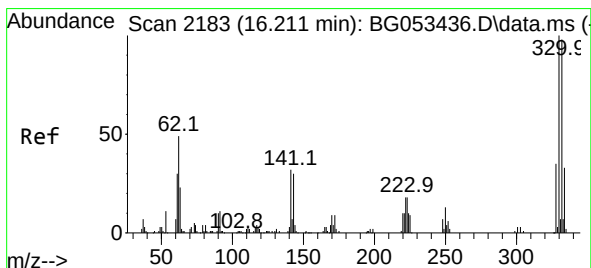
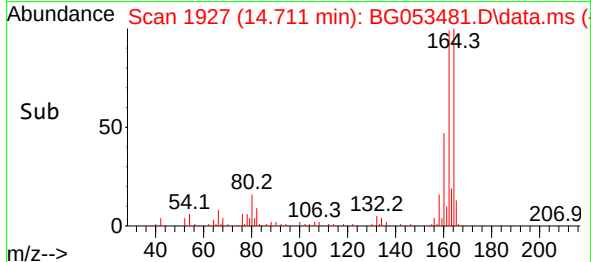
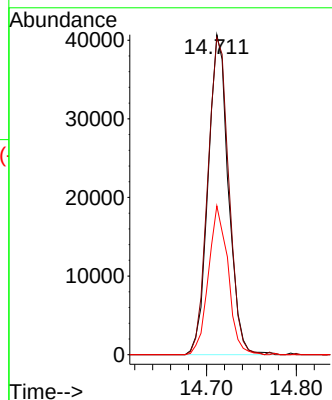
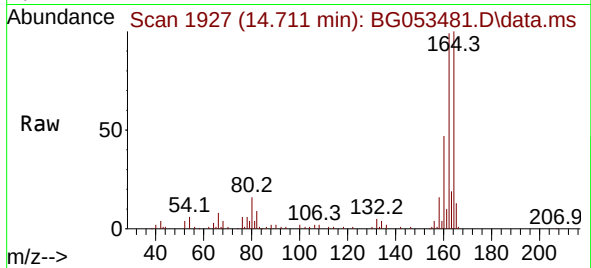




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

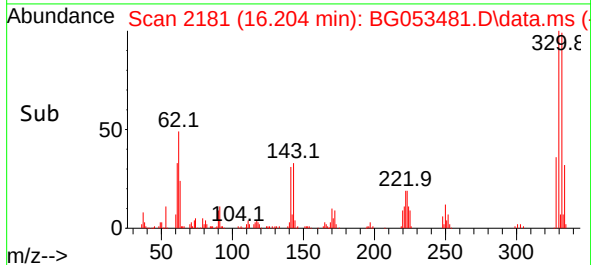
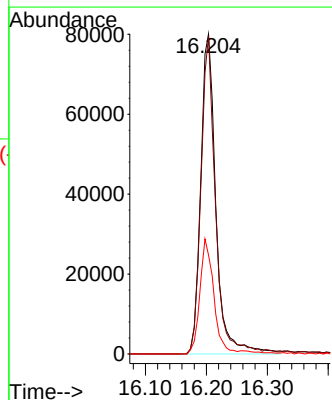
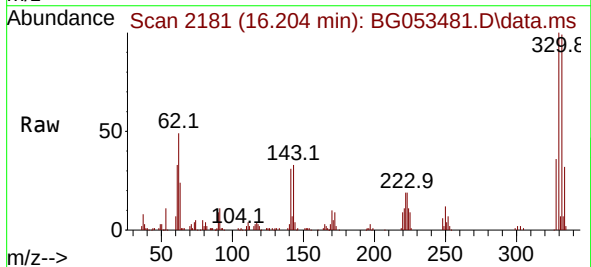
Instrument :
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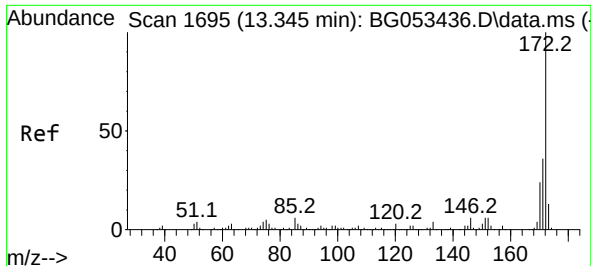
Tgt Ion:164 Resp: 63707
Ion Ratio Lower Upper
164 100
162 99.1 82.3 123.5
160 46.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 147.617 ng
RT: 16.204 min Scan# 2181
Delta R.T. -0.007 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

Tgt Ion:330 Resp: 138702
Ion Ratio Lower Upper
330 100
332 94.1 76.0 114.0
141 32.7 27.1 40.7

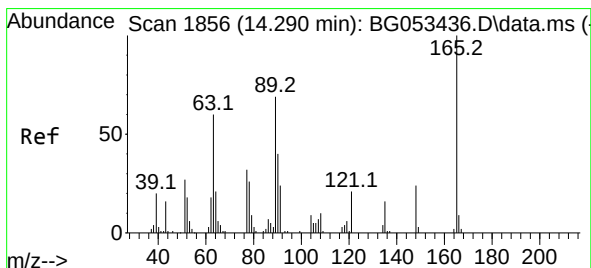
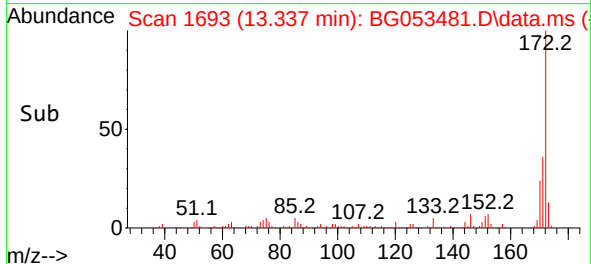
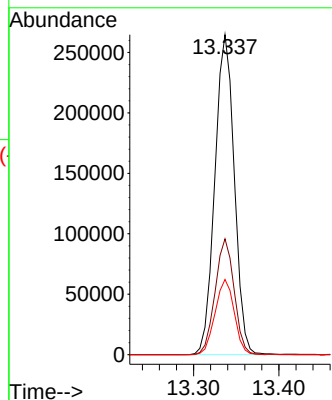
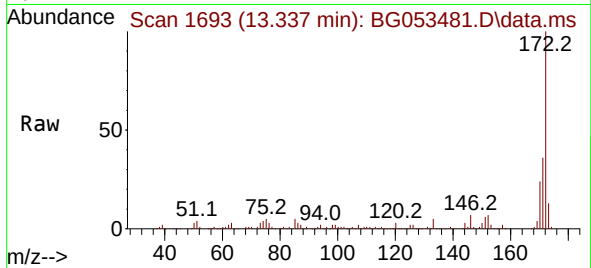




#45
2-Fluorobiphenyl
Concen: 96.042 ng
RT: 13.337 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

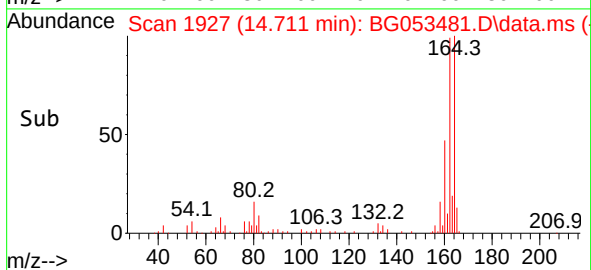
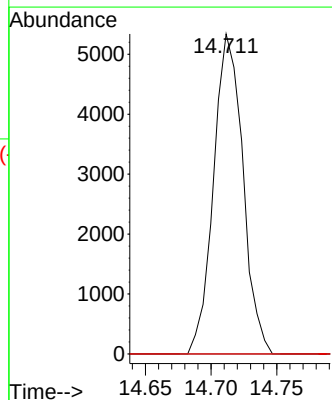
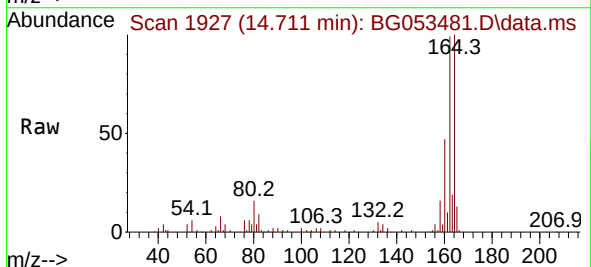
Instrument :
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ClientSampleId :
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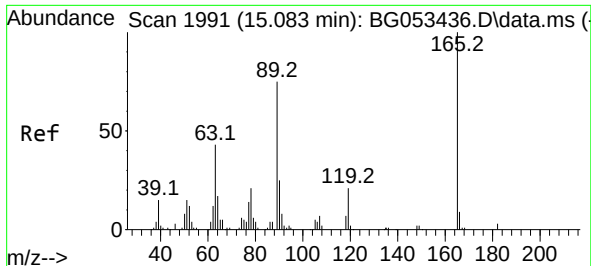
Tgt Ion:172 Resp: 418712
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.401 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.421 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

Tgt Ion:165 Resp: 8286
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

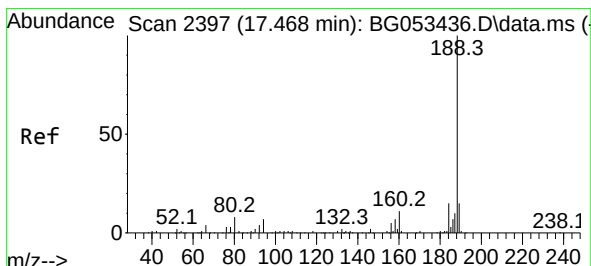
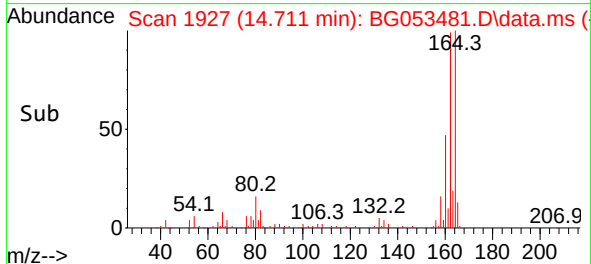
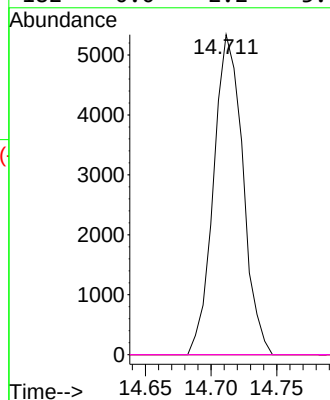
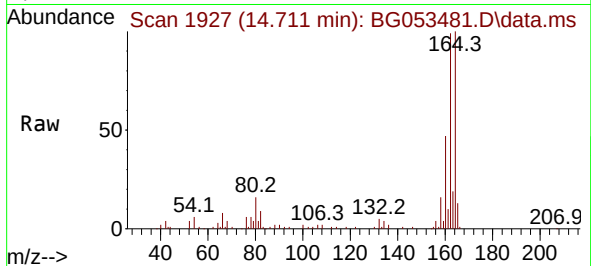




#57
2,4-Dinitrotoluene
Concen: 5.796 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.372 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

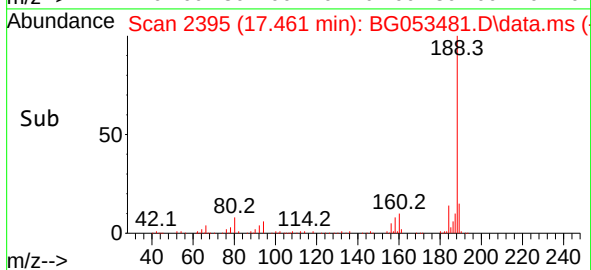
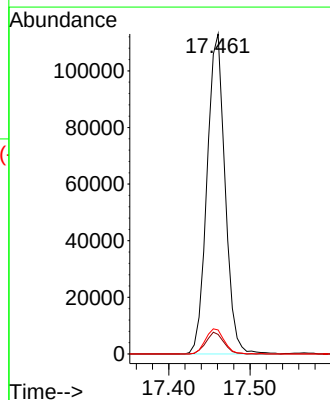
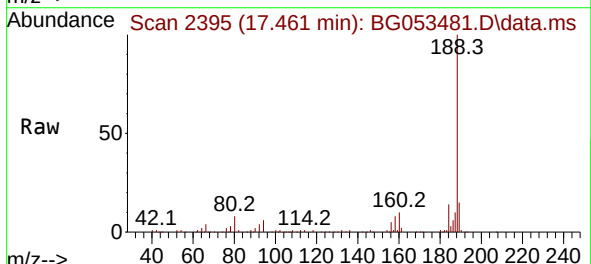
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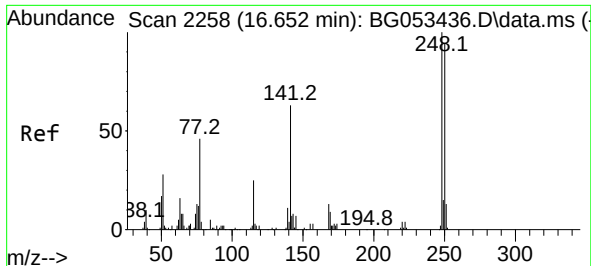
Tgt Ion:165 Resp: 8286
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.461 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

Tgt Ion:188 Resp: 173930
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 7.5 6.8 10.2

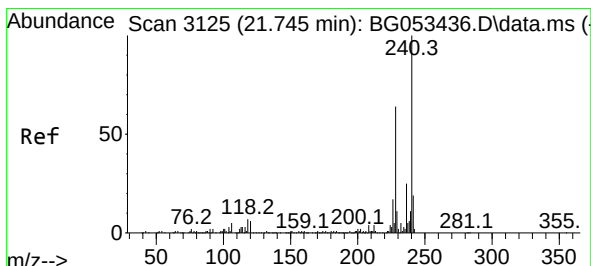
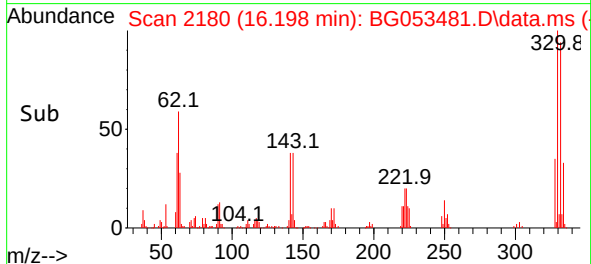
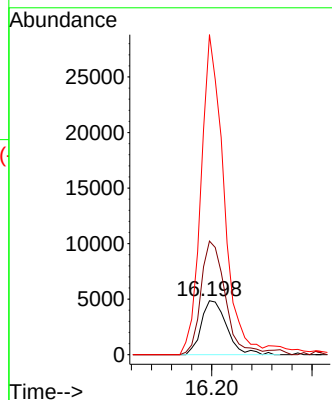
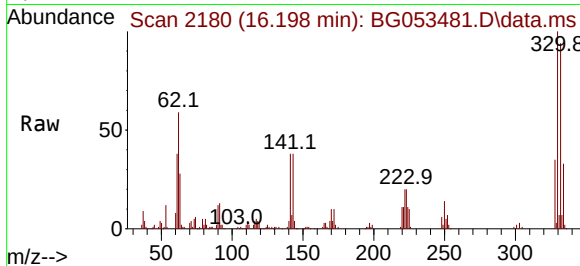




#67
4-Bromophenyl-phenylether
Concen: 4.215 ng
RT: 16.198 min Scan# 2118
Delta R.T. -0.454 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

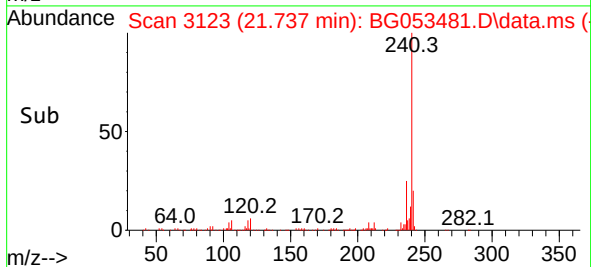
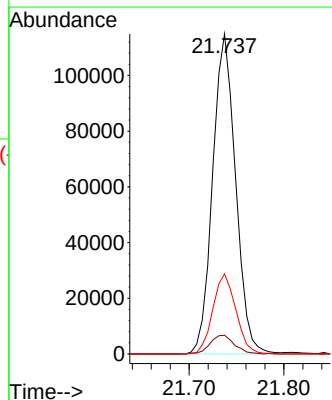
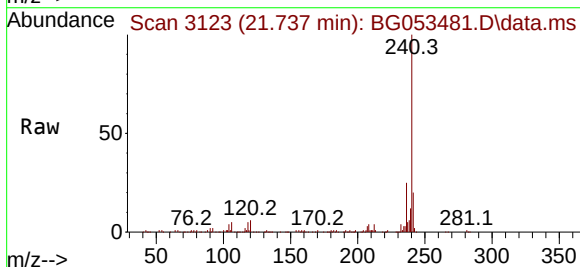
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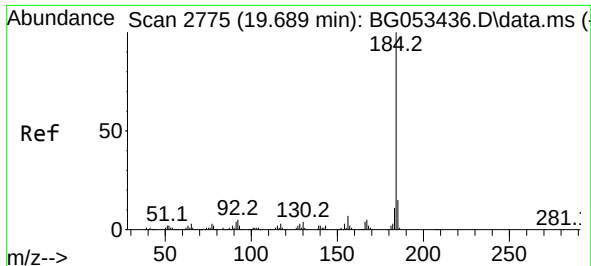
Tgt Ion:248 Resp: 8562
Ion Ratio Lower Upper
248 100
250 210.3 75.2 112.8#
141 592.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

Tgt Ion:240 Resp: 193267
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.0 20.2 30.4

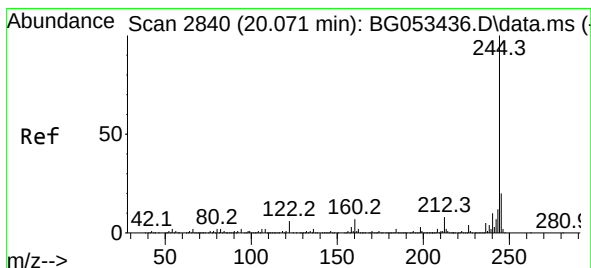
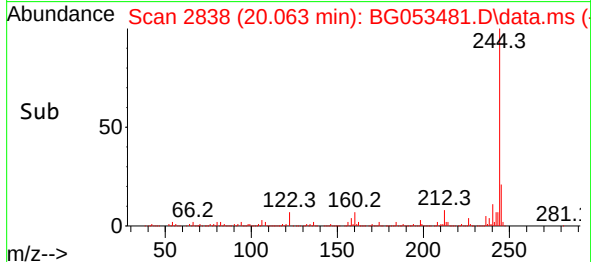
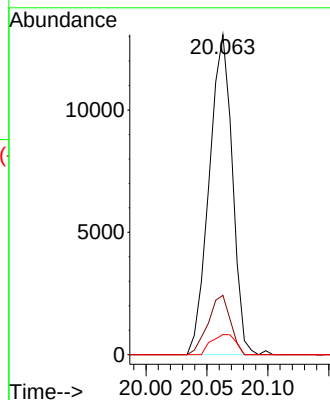
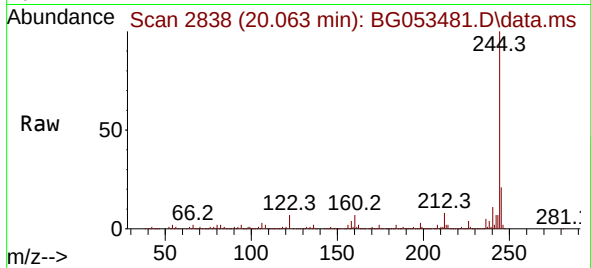




#77
Benzidine
Concen: 4.154 ng
RT: 20.063 min Scan# 21
Delta R.T. 0.374 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

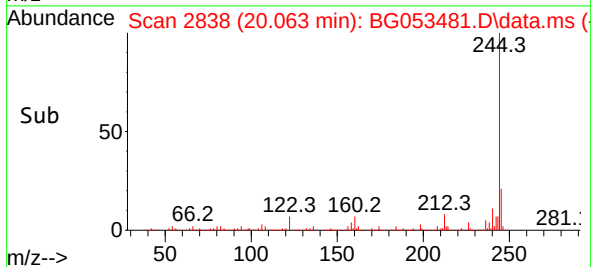
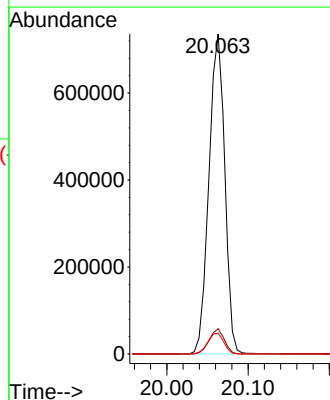
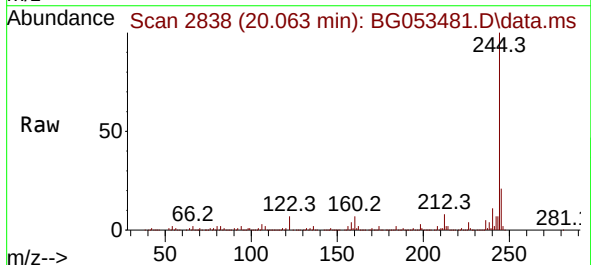
Instrument :
BNA_G
ClientSampleId :
MH-29S

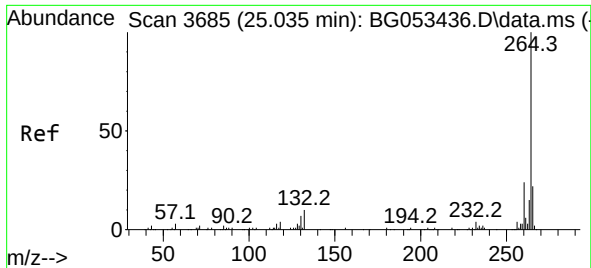
Tgt Ion:184 Resp: 17304
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.6#
183 6.3 8.9 13.3#



#79
Terphenyl-d14
Concen: 95.908 ng
RT: 20.063 min Scan# 2838
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

Tgt Ion:244 Resp: 995226
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 6.6 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.021 min Scan# 30
 Delta R.T. -0.014 min
 Lab File: BG053481.D
 Acq: 6 May 2022 19:30

Instrument :
 BNA_G
 ClientSampleId :
 MH-29S

Tgt Ion:264 Resp: 189742
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 19.8 17.4 26.2

