

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053500.D
 Acq On : 9 May 2022 19:40
 Operator : CG/JU
 Sample : N2739-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124030

Quant Time: May 10 03:03:02 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

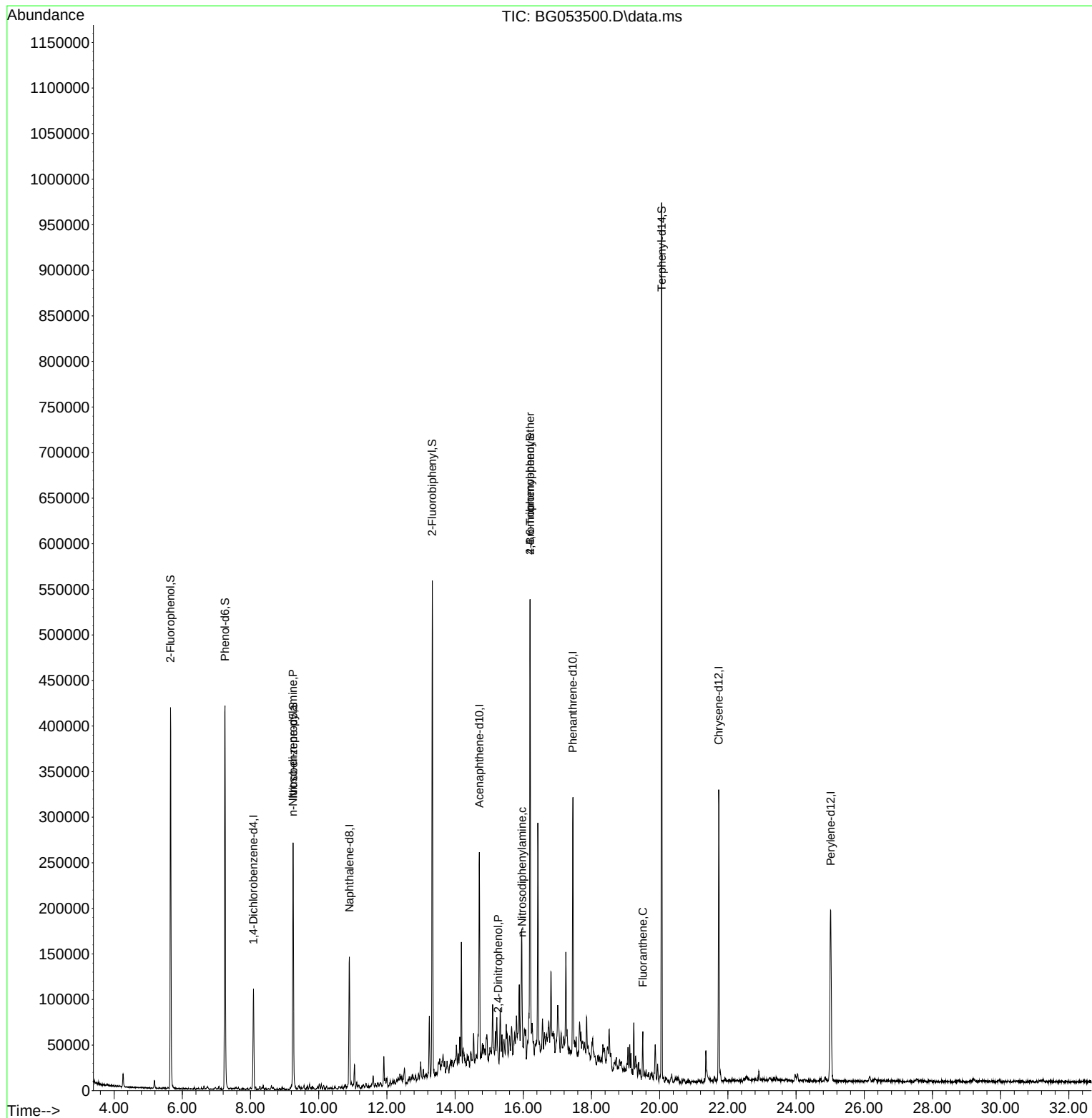
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	30012	20.000	ng	-0.01
21) Naphthalene-d8	10.901	136	116197	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	77751	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	173082	20.000	ng	-0.01
76) Chrysene-d12	21.734	240	203588	20.000	ng	-0.01
86) Perylene-d12	25.017	264	217684	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	173251	97.971	ng	-0.01
7) Phenol-d6	7.253	99	245451	91.456	ng	0.00
23) Nitrobenzene-d5	9.251	82	174339	63.869	ng	-0.01
42) 2,4,6-Tribromophenol	16.200	330	96209	83.898	ng	-0.01
45) 2-Fluorobiphenyl	13.333	172	284210	53.415	ng	-0.01
79) Terphenyl-d14	20.059	244	482417	44.133	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.245	70	23972	12.449	ng	# 80
54) 2,4-Dinitrophenol	15.266	184	378	6.700	ng	# 11
66) n-Nitrosodiphenylamine	15.965	169	13993	3.079	ng	# 44
67) 4-Bromophenyl-phenylether	16.200	248	6246	3.090	ng	# 1
75) Fluoranthene	19.507	202	28155	2.471	ng	98

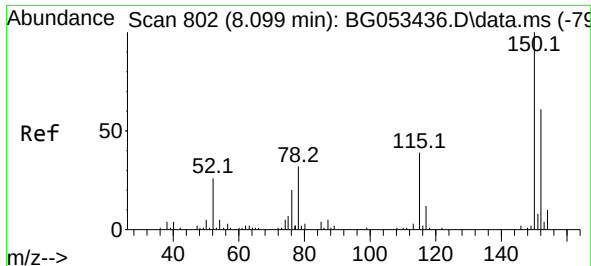
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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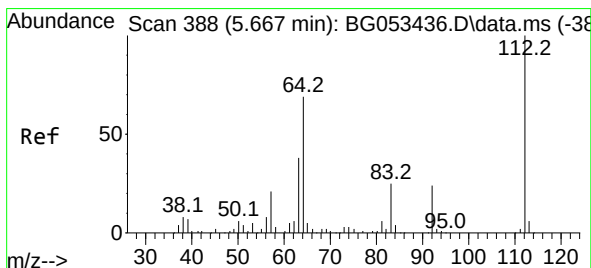
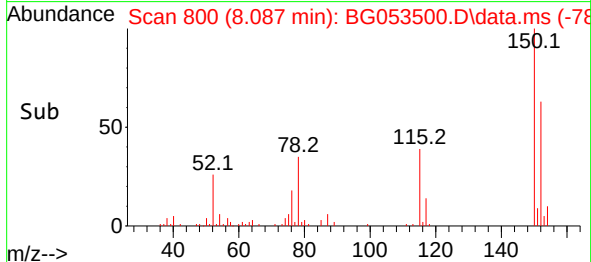
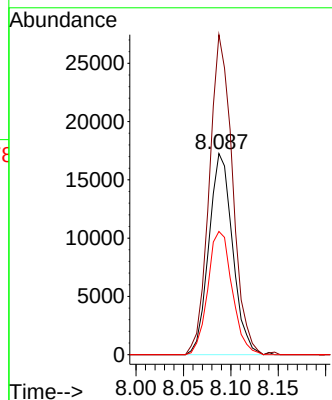
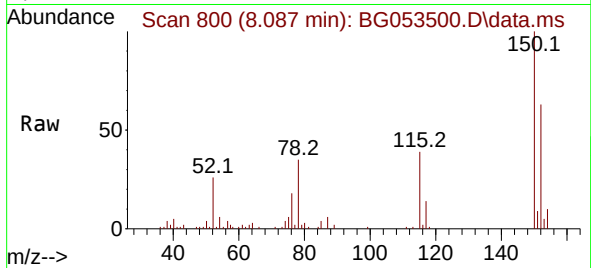




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.012 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

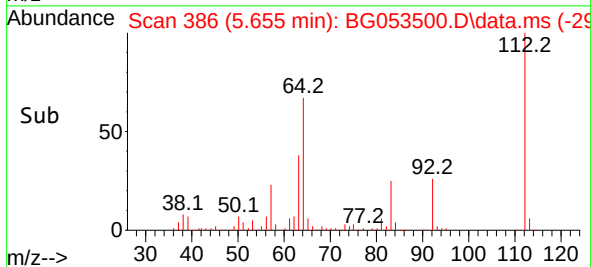
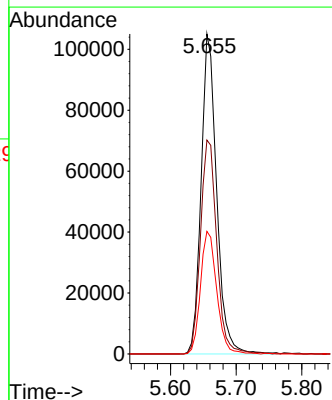
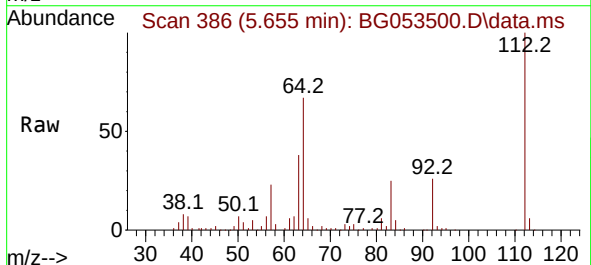
Instrument :
BNA_G
ClientSampleId :
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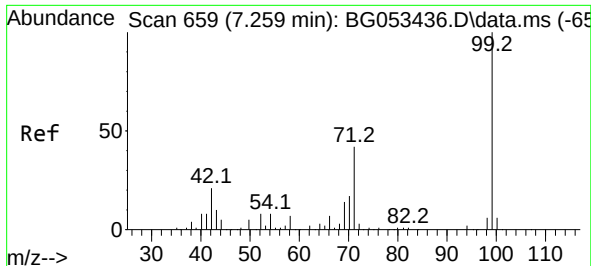
Tgt Ion:152 Resp: 30012
Ion Ratio Lower Upper
152 100
150 159.1 131.6 197.4
115 61.3 50.9 76.3



#5
2-Fluorophenol
Concen: 97.971 ng
RT: 5.655 min Scan# 386
Delta R.T. -0.012 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

Tgt Ion:112 Resp: 173251
Ion Ratio Lower Upper
112 100
64 66.9 55.1 82.7
63 38.3 30.4 45.6

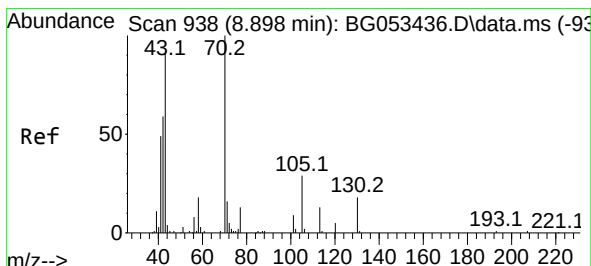
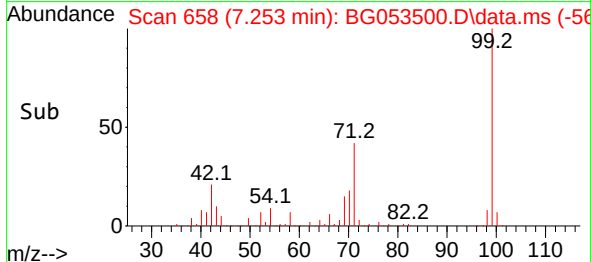
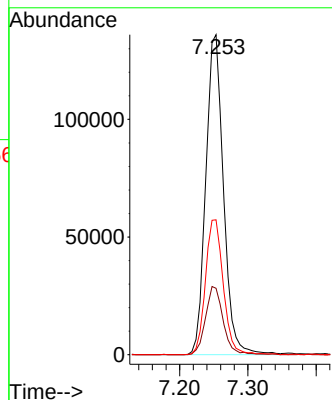
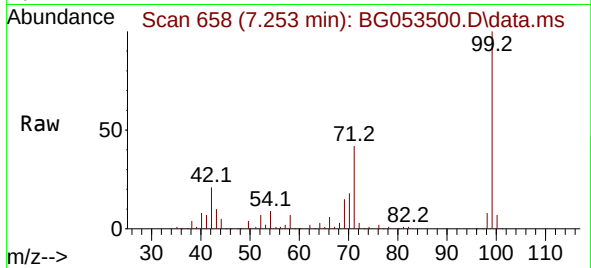




#7
Phenol-d6
Concen: 91.456 ng
RT: 7.253 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

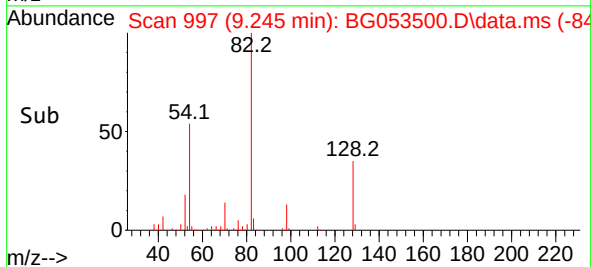
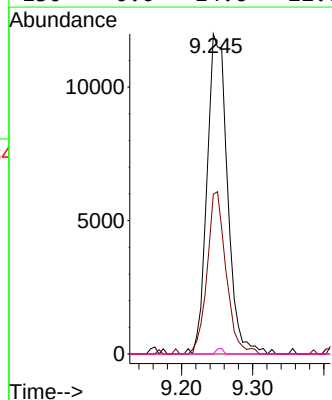
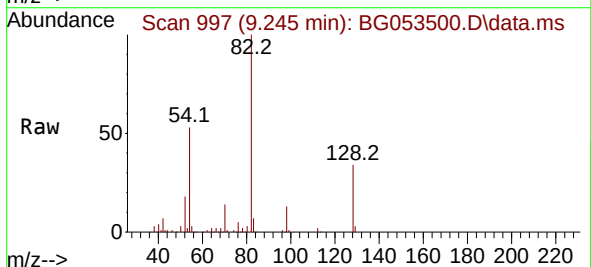
Instrument :
BNA_G
ClientSampleId :
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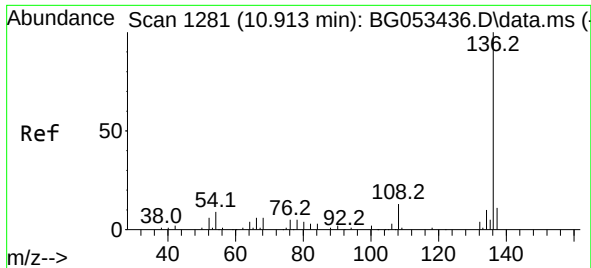
Tgt Ion: 99 Resp: 245451
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 42.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.449 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.347 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

Tgt Ion: 70 Resp: 23972
Ion Ratio Lower Upper
70 100
42 49.9 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

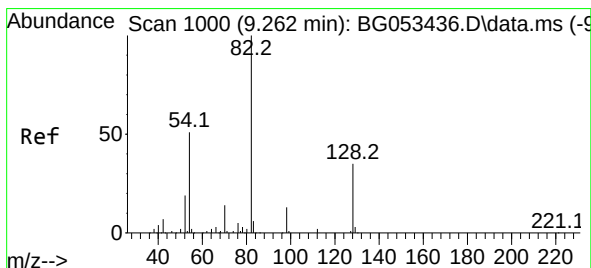
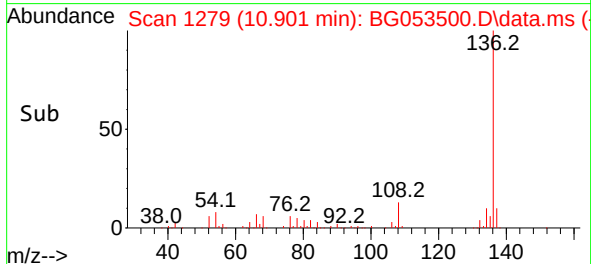
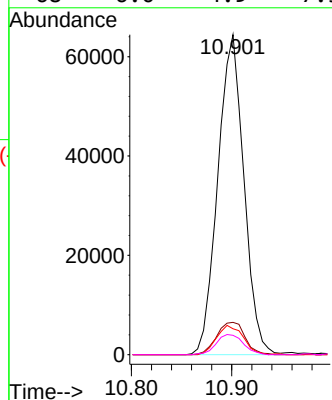
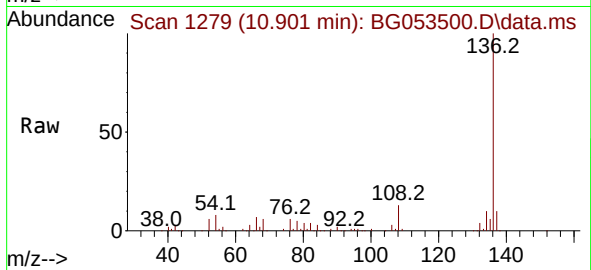




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.901 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

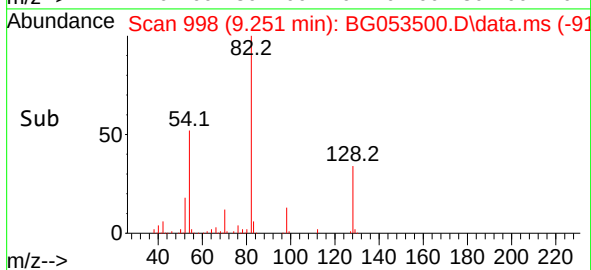
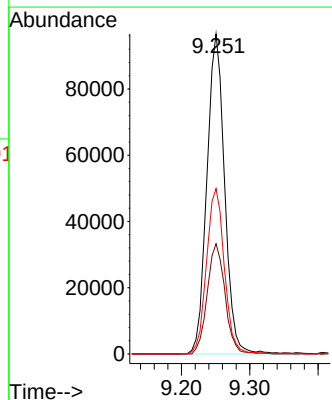
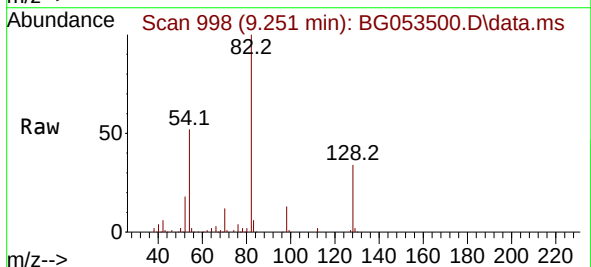
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ClientSampleId :
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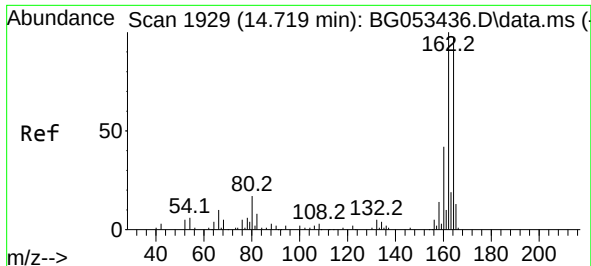
Tgt Ion:136 Resp: 116197
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 8.1 7.4 11.2
68 6.0 4.9 7.3



#23
Nitrobenzene-d5
Concen: 63.869 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.011 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

Tgt Ion: 82 Resp: 174339
Ion Ratio Lower Upper
82 100
128 34.4 27.9 41.9
54 51.7 41.2 61.8

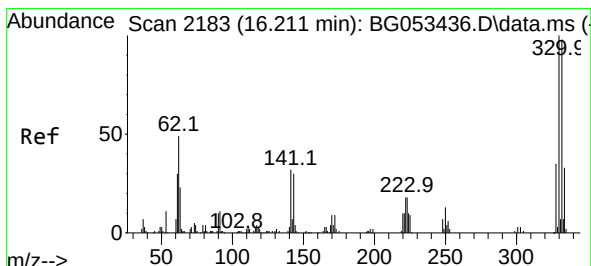
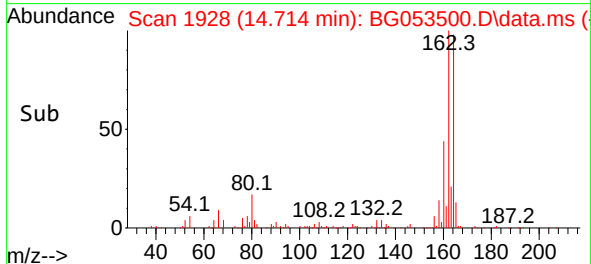
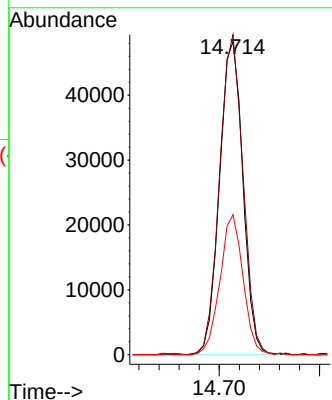
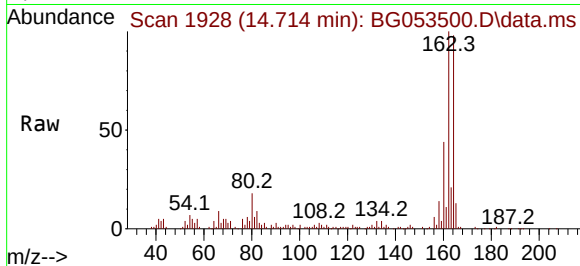




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

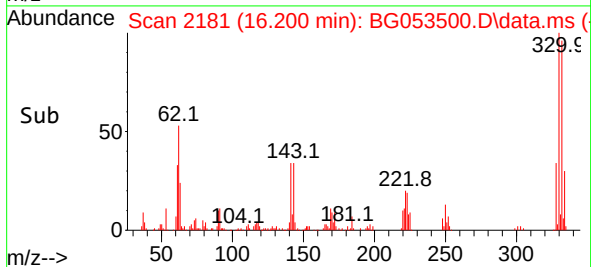
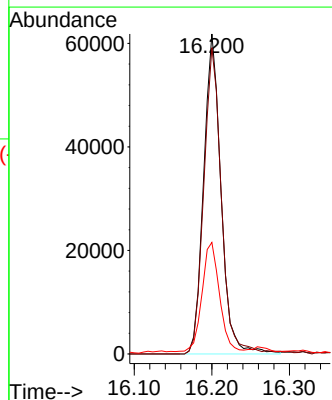
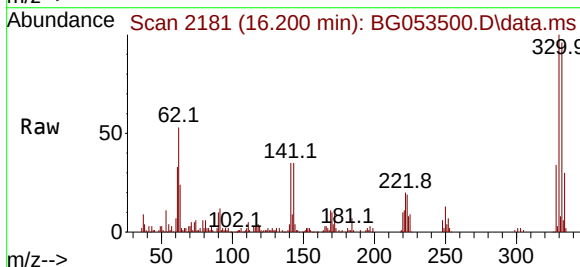
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ClientSampleId :
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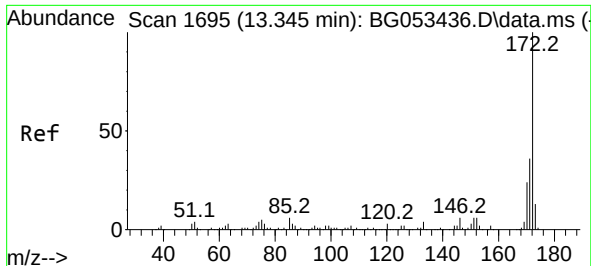
Tgt Ion:164 Resp: 77751
Ion Ratio Lower Upper
164 100
162 102.2 82.3 123.5
160 44.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 83.898 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.011 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

Tgt Ion:330 Resp: 96209
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 34.5 27.1 40.7

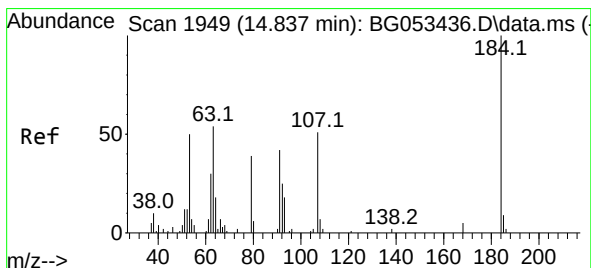
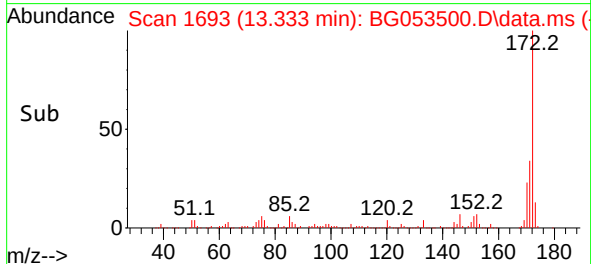
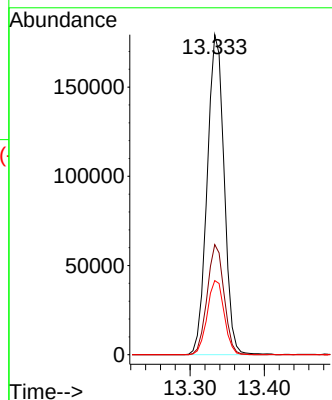
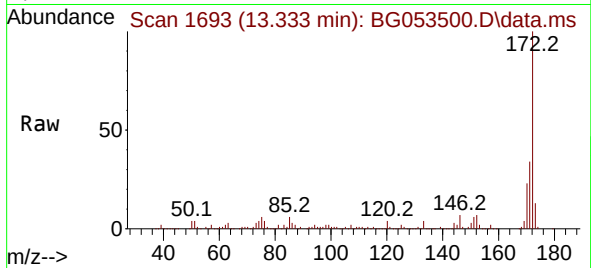




#45
2-Fluorobiphenyl
Concen: 53.415 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

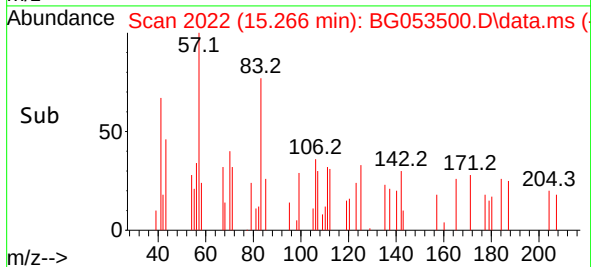
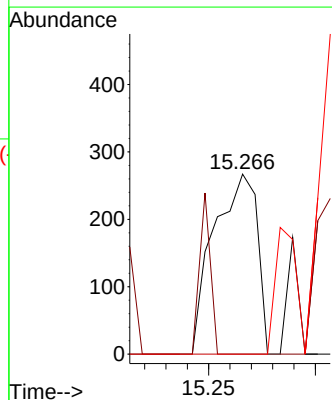
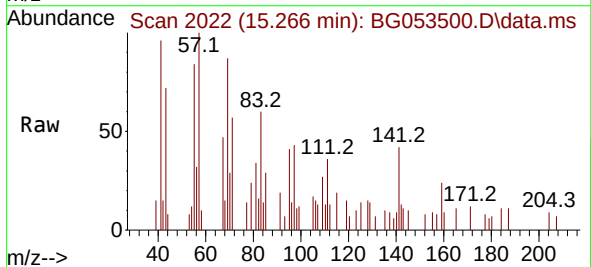
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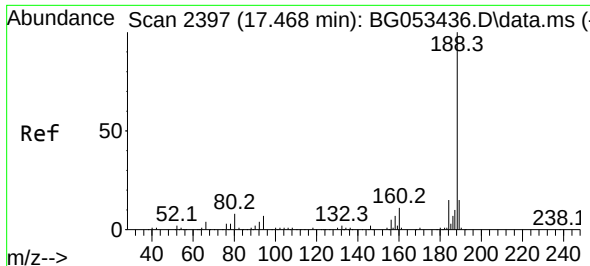
Tgt Ion:172 Resp: 284210
Ion Ratio Lower Upper
172 100
171 34.4 28.5 42.7
170 23.1 18.9 28.3



#54
2,4-Dinitrophenol
Concen: 6.700 ng
RT: 15.266 min Scan# 2022
Delta R.T. 0.429 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

Tgt Ion:184 Resp: 378
Ion Ratio Lower Upper
184 100
63 0.0 61.1 91.7#
154 0.0 60.6 91.0#

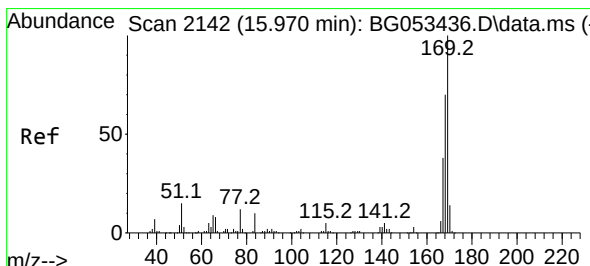
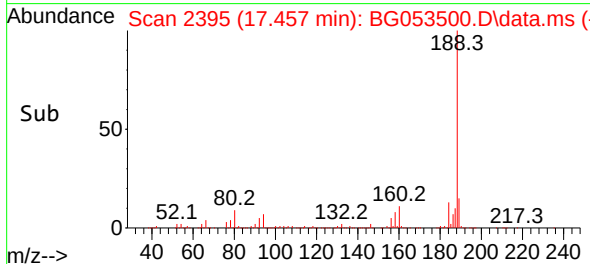
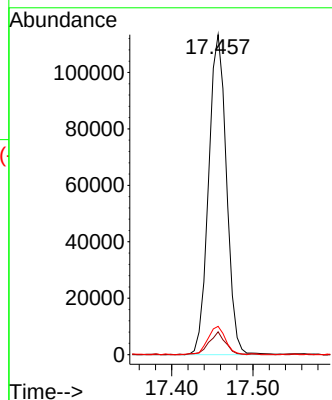
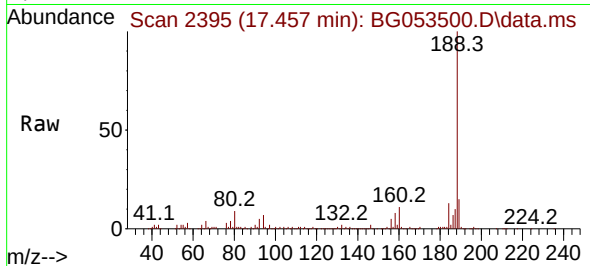




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2140
Delta R.T. -0.011 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

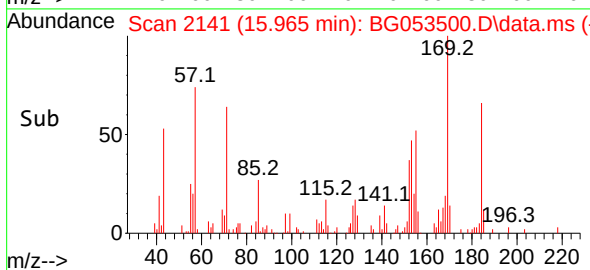
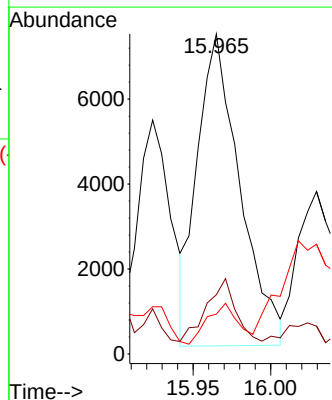
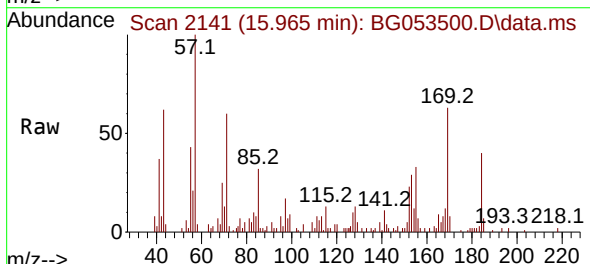
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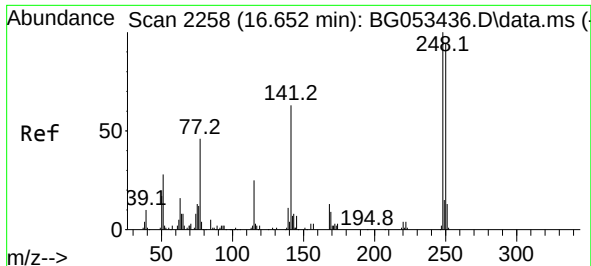
Tgt Ion:188 Resp: 173082
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 8.9 6.8 10.2



#66
n-Nitrosodiphenylamine
Concen: 3.079 ng
RT: 15.965 min Scan# 2141
Delta R.T. -0.005 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

Tgt Ion:169 Resp: 13993
Ion Ratio Lower Upper
169 100
168 18.5 55.9 83.9#
167 12.4 30.6 46.0#

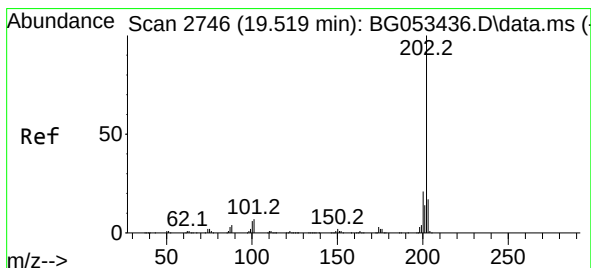
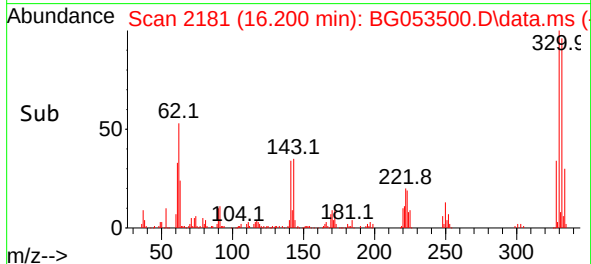
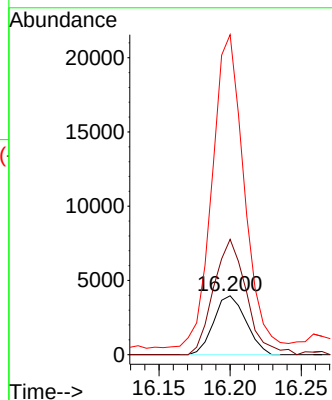
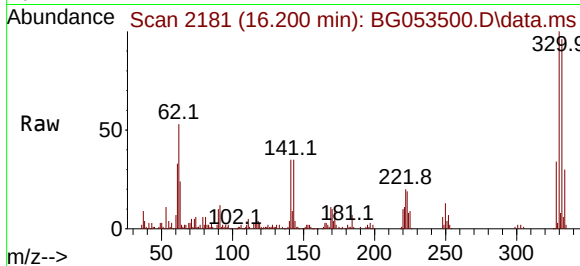




#67
4-Bromophenyl-phenylether
Concen: 3.090 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.452 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

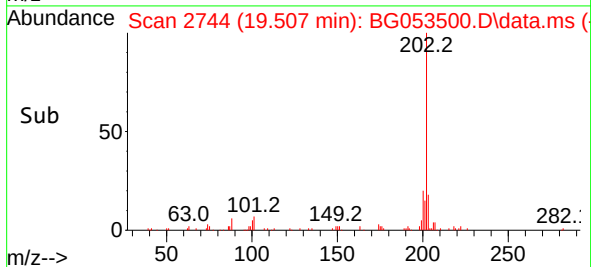
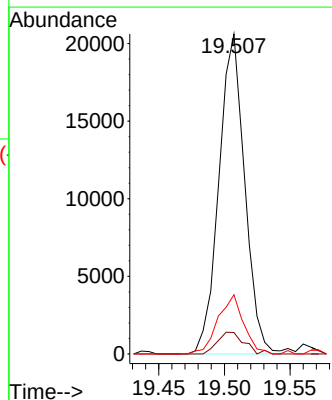
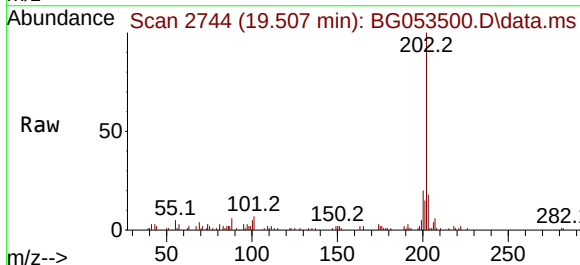
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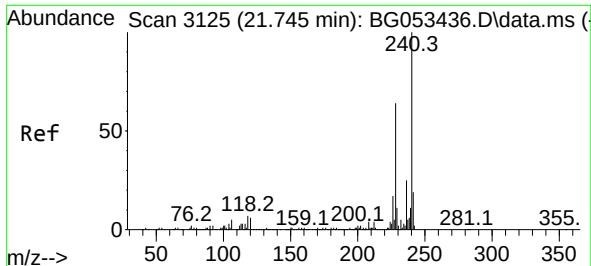
Tgt Ion:248 Resp: 6246
Ion Ratio Lower Upper
248 100
250 196.0 75.2 112.8#
141 543.4 50.0 75.0#



#75
Fluoranthene
Concen: 2.471 ng
RT: 19.507 min Scan# 2744
Delta R.T. -0.011 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

Tgt Ion:202 Resp: 28155
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.9
203 18.5 0.0 37.2

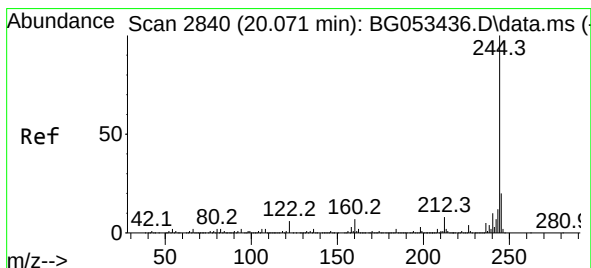
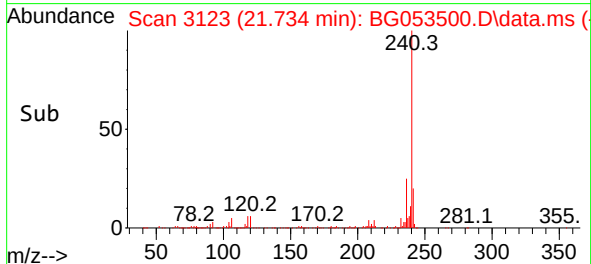
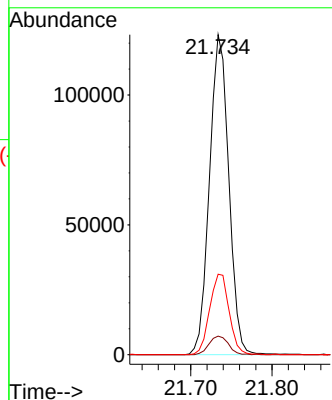
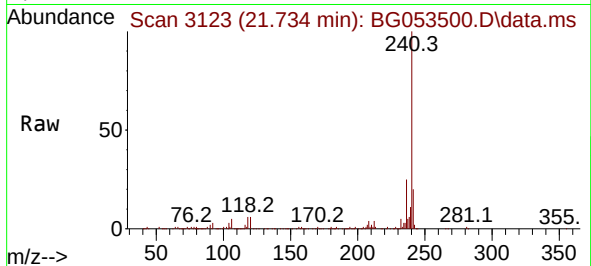




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

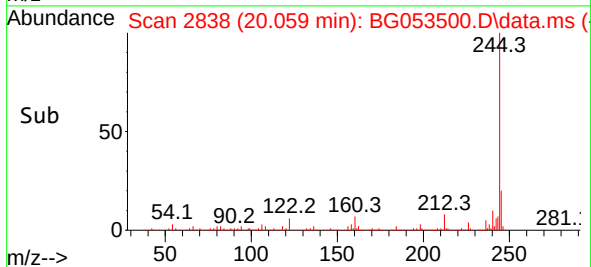
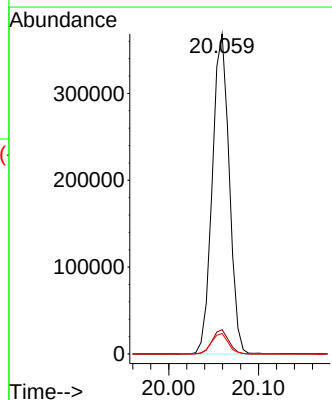
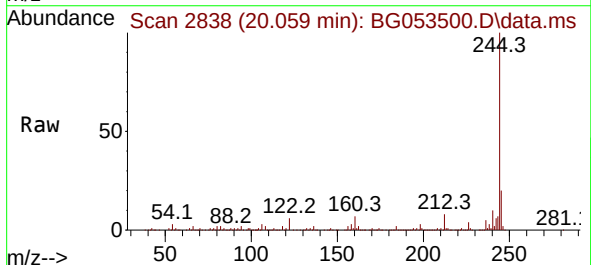
Instrument :
BNA_G
ClientSampleId :
124030

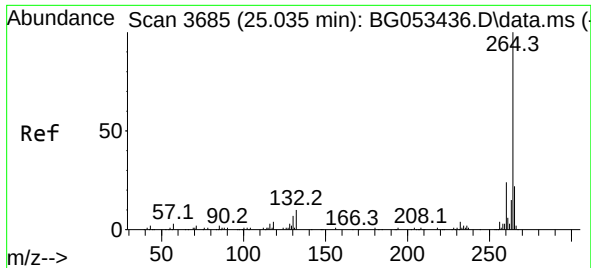
Tgt Ion:240 Resp: 203588
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 25.1 20.2 30.4



#79
Terphenyl-d14
Concen: 44.133 ng
RT: 20.059 min Scan# 2838
Delta R.T. -0.012 min
Lab File: BG053500.D
Acq: 9 May 2022 19:40

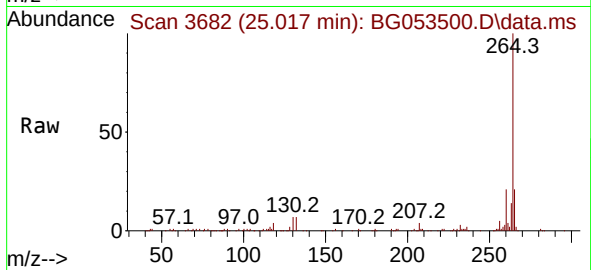
Tgt Ion:244 Resp: 482417
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 6.4 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.017 min Scan# 30
 Delta R.T. -0.017 min
 Lab File: BG053500.D
 Acq: 9 May 2022 19:40

Instrument :
 BNA_G
 ClientSampleId :
 124030



Tgt Ion:264 Resp: 217684
 Ion Ratio Lower Upper
 264 100
 260 21.4 19.0 28.6
 265 21.4 17.4 26.2

