

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053219.D
 Acq On : 20 Apr 2022 17:18
 Operator : CG/JU
 Sample : N2468-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-6

Quant Time: Apr 21 06:04:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

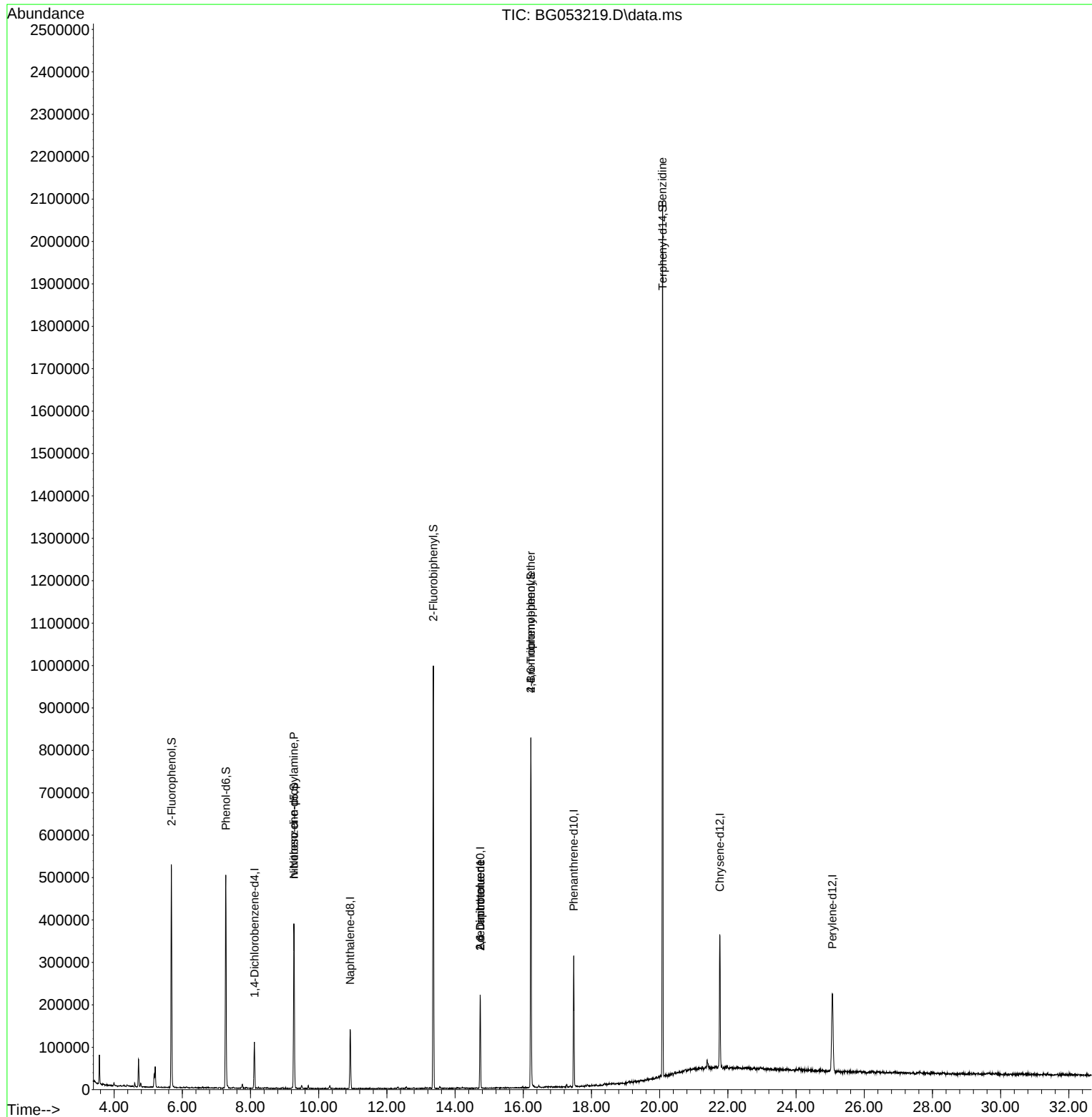
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	29084	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	114157	20.000	ng	-0.01
39) Acenaphthene-d10	14.736	164	81261	20.000	ng	-0.01
64) Phenanthrene-d10	17.480	188	195905	20.000	ng	-0.01
76) Chrysene-d12	21.768	240	209282	20.000	ng	0.00
86) Perylene-d12	25.064	264	216607	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	220035	129.686	ng	0.00
7) Phenol-d6	7.276	99	279627	106.873	ng	0.00
23) Nitrobenzene-d5	9.273	82	248038	88.222	ng	-0.01
42) 2,4,6-Tribromophenol	16.223	330	173198	133.968	ng	-0.01
45) 2-Fluorobiphenyl	13.362	172	520588	88.338	ng	0.00
79) Terphenyl-d14	20.088	244	1039901	83.920	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.273	70	34838	18.187	ng	# 73
51) 2,6-Dinitrotoluene	14.736	165	10802	7.966	ng	# 26
57) 2,4-Dinitrotoluene	14.736	165	10802	5.596	ng	# 25
67) 4-Bromophenyl-phenylether	16.223	248	11844	4.718	ng	# 1
77) Benzidine	20.082	184	17985	3.012	ng	# 94

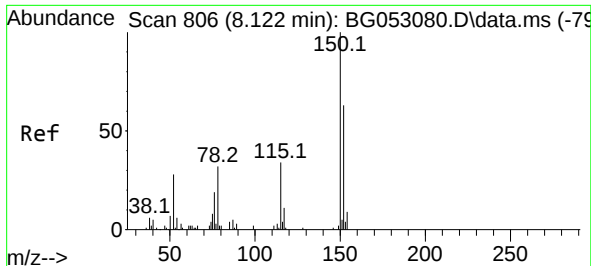
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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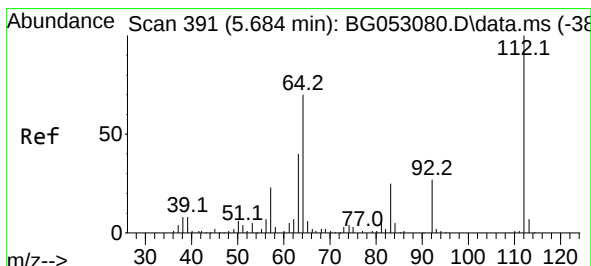
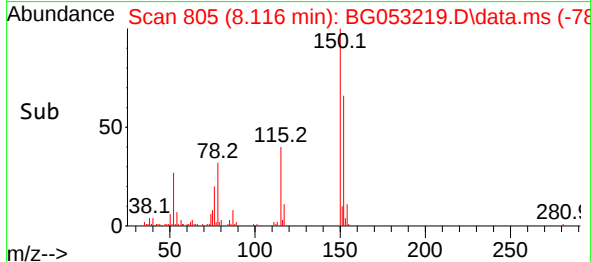
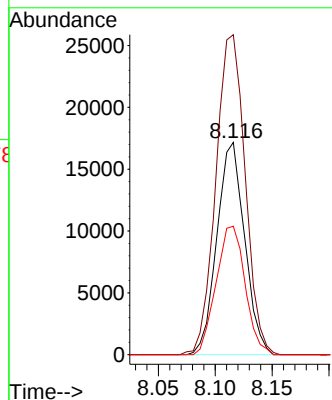
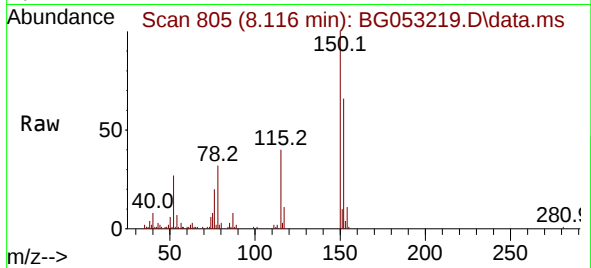




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

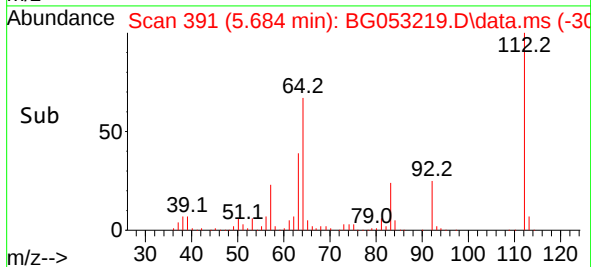
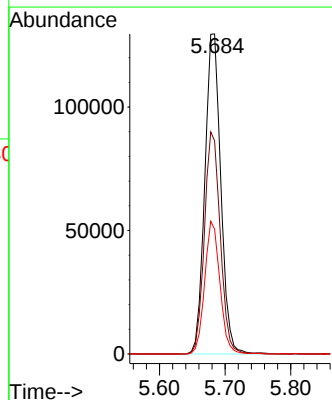
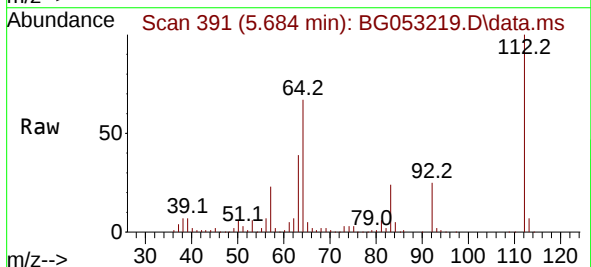
Instrument :
BNA_G
ClientSampleId :
WC-15-1-6

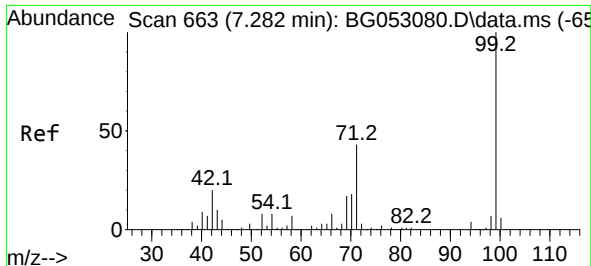
Tgt Ion:152 Resp: 29084
Ion Ratio Lower Upper
152 100
150 150.7 114.6 172.0
115 60.5 45.9 68.9



#5
2-Fluorophenol
Concen: 129.686 ng
RT: 5.684 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

Tgt Ion:112 Resp: 220035
Ion Ratio Lower Upper
112 100
64 66.6 48.0 72.0
63 39.0 26.5 39.7

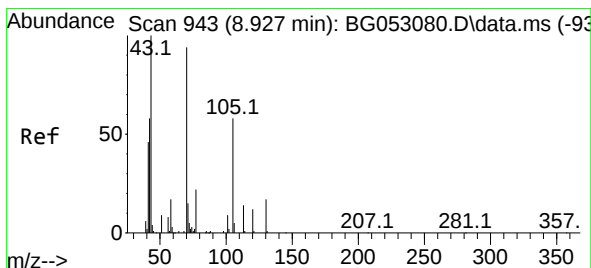
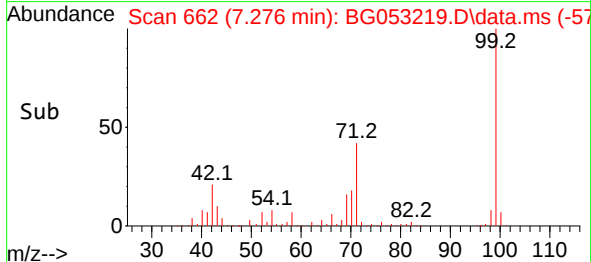
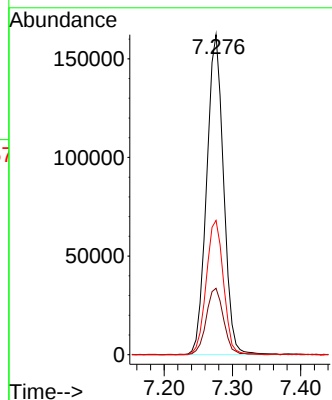
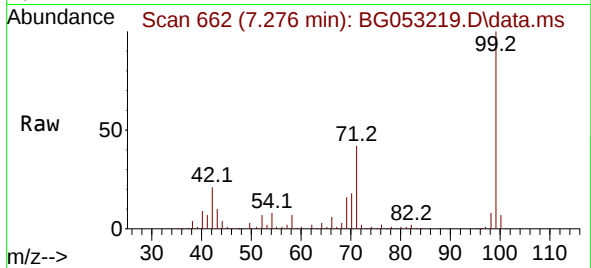




#7
Phenol-d6
Concen: 106.873 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

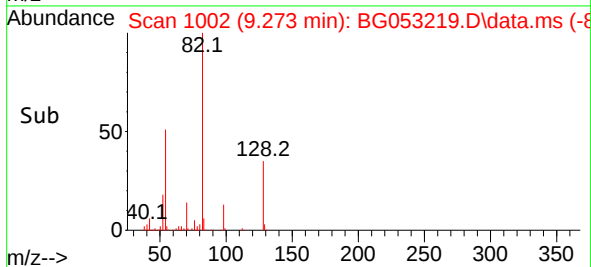
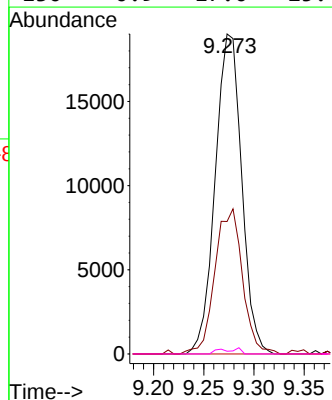
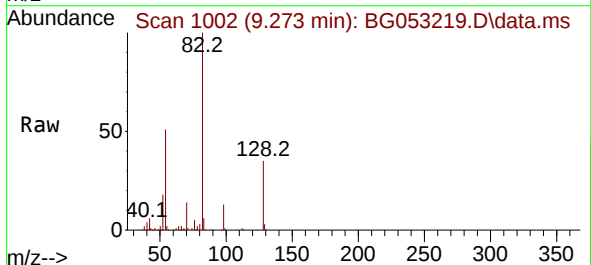
Instrument :
BNA_G
ClientSampleId :
WC-15-1-6

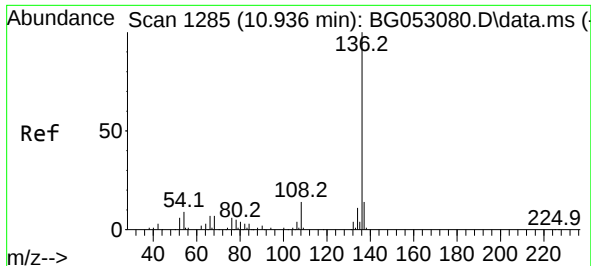
Tgt Ion: 99 Resp: 279627
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 42.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.187 ng
RT: 9.273 min Scan# 1002
Delta R.T. 0.347 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

Tgt Ion: 70 Resp: 34838
Ion Ratio Lower Upper
70 100
42 41.4 46.0 69.0#
101 0.0 6.2 9.4#
130 0.9 17.0 25.4#

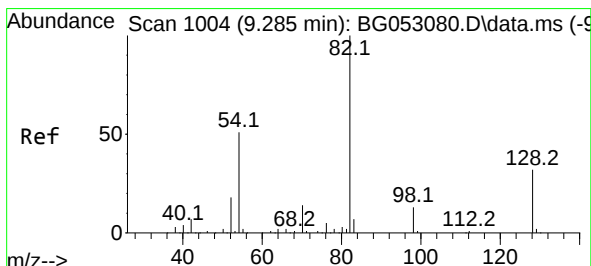
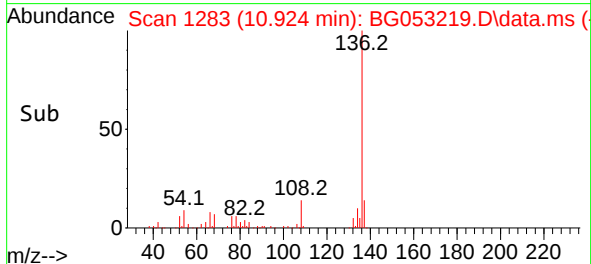
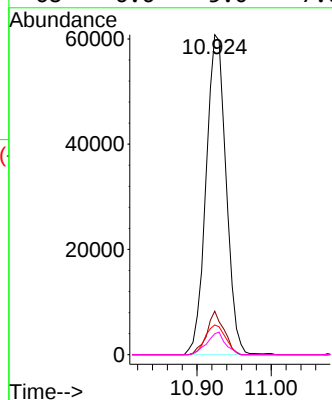
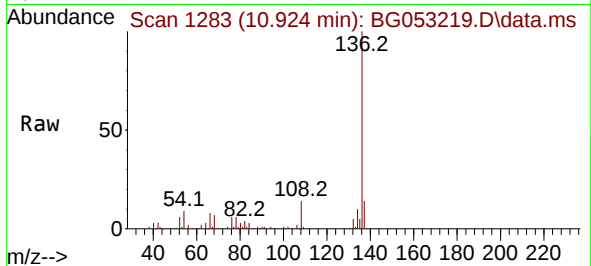




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

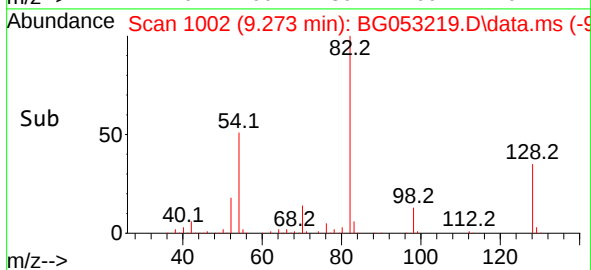
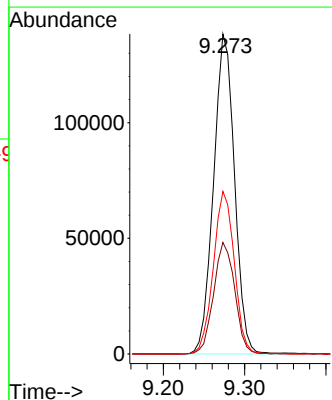
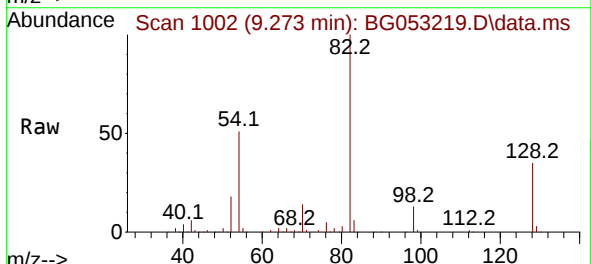
Instrument :
BNA_G
ClientSampleId :
WC-15-1-6

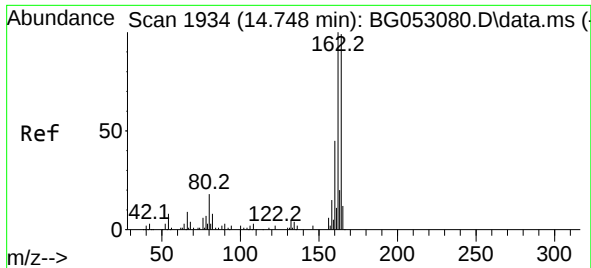
Tgt Ion:136	Resp:	114157
Ion Ratio	Lower	Upper
136	100	
137	13.6	9.4 14.2
54	9.3	6.4 9.6
68	6.6	5.0 7.6



#23
Nitrobenzene-d5
Concen: 88.222 ng
RT: 9.273 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

Tgt Ion: 82	Resp:	248038
Ion Ratio	Lower	Upper
82	100	
128	34.8	31.3 46.9
54	50.8	37.8 56.8

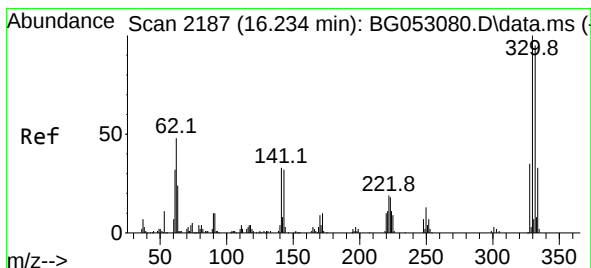
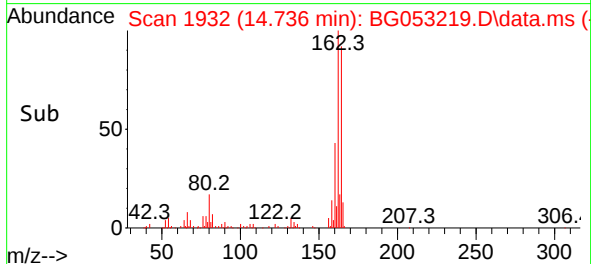
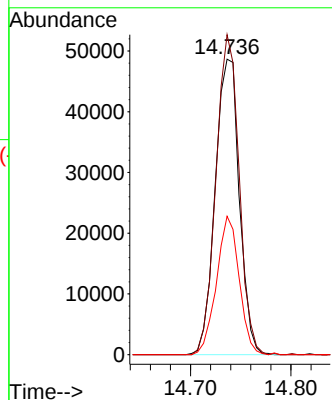
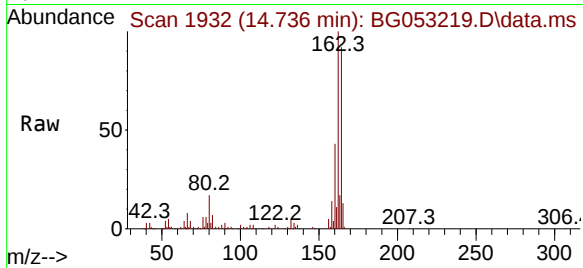




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.736 min Scan# 1932
Delta R.T. -0.012 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

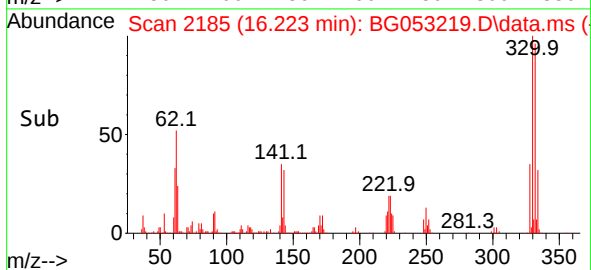
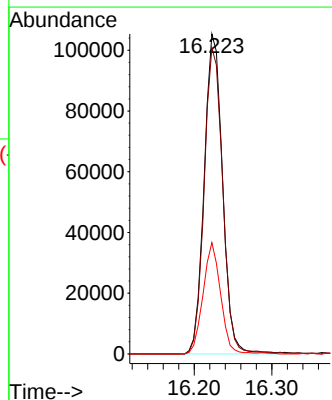
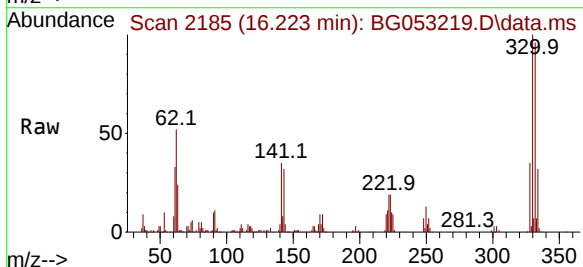
Instrument :
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ClientSampleId :
WC-15-1-6

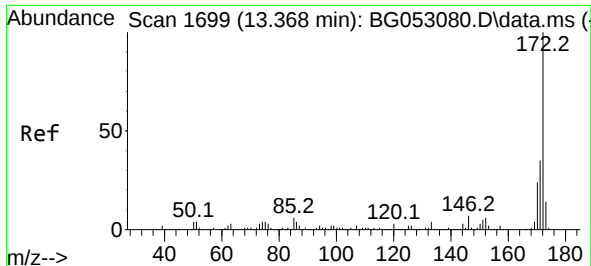
Tgt Ion:164 Resp: 81261
Ion Ratio Lower Upper
164 100
162 108.3 80.0 120.0
160 46.8 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 133.968 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.012 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

Tgt Ion:330 Resp: 173198
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.6
141 33.1 24.6 36.8

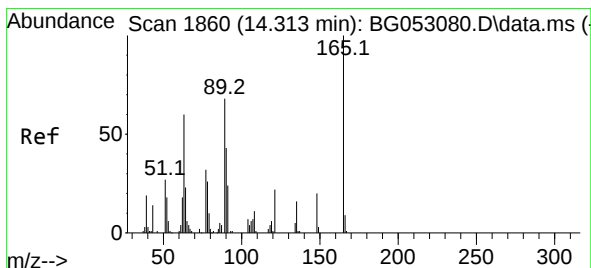
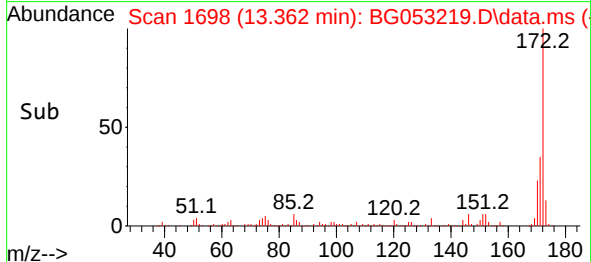
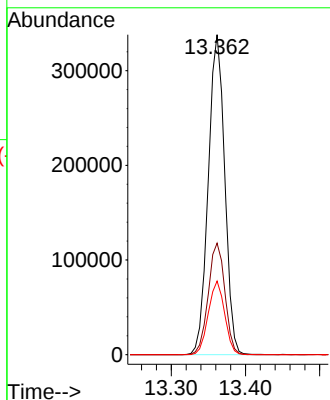
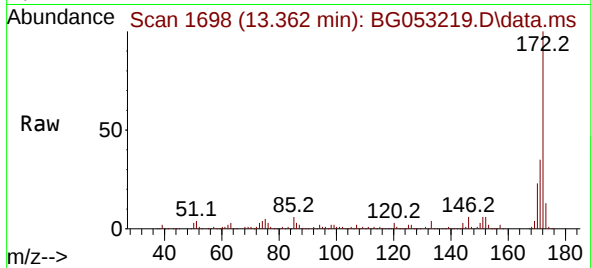




#45
2-Fluorobiphenyl
Concen: 88.338 ng
RT: 13.362 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

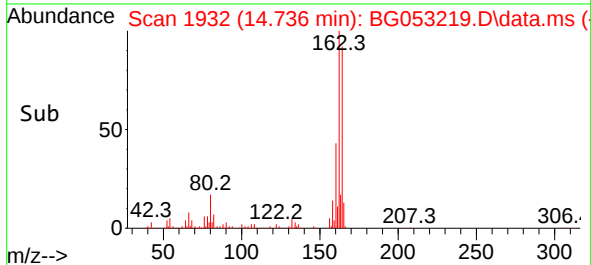
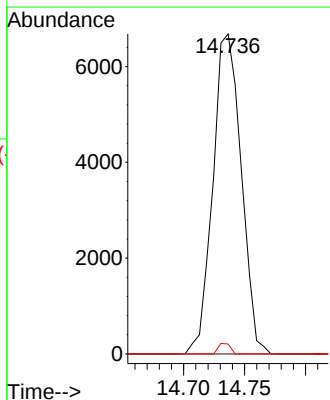
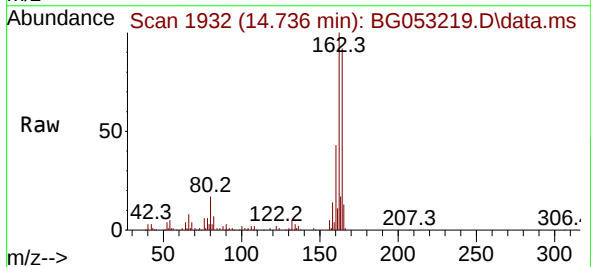
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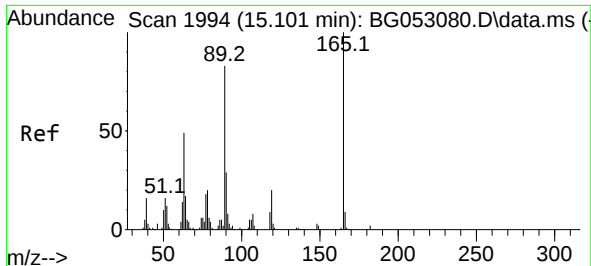
Tgt Ion:172 Resp: 520588
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.0 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.966 ng
RT: 14.736 min Scan# 1932
Delta R.T. 0.423 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

Tgt Ion:165 Resp: 10802
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 3.1 45.0 67.4#

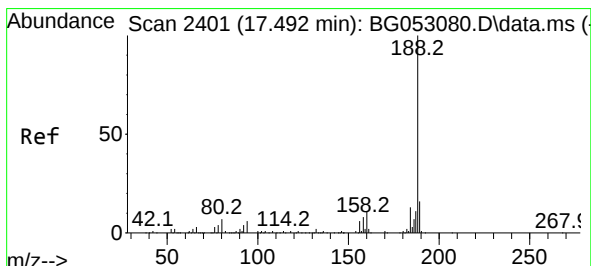
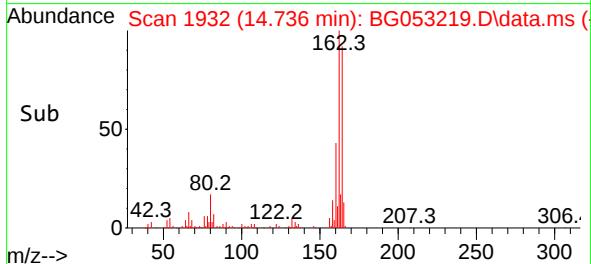
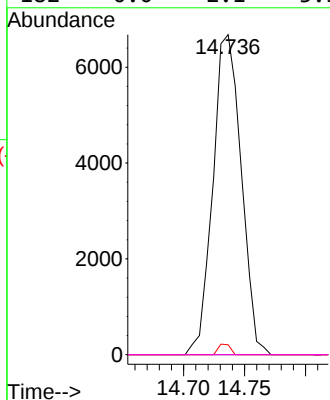
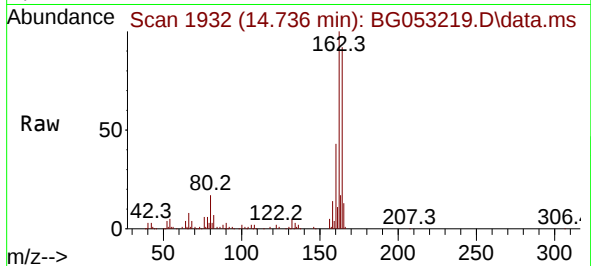




#57
2,4-Dinitrotoluene
Concen: 5.596 ng
RT: 14.736 min Scan# 1994
Delta R.T. -0.364 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

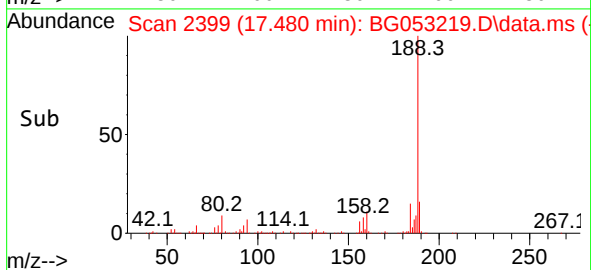
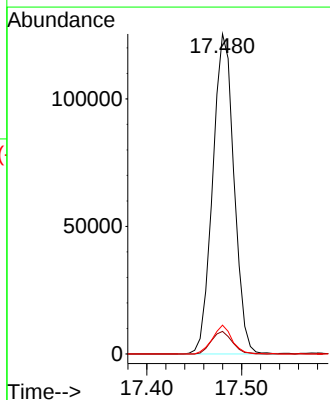
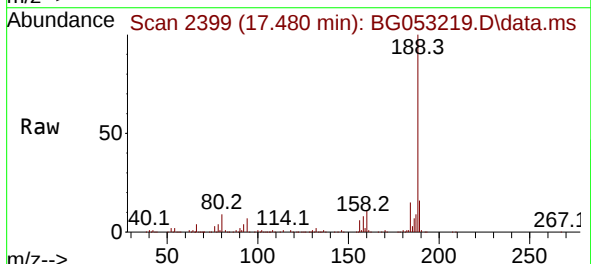
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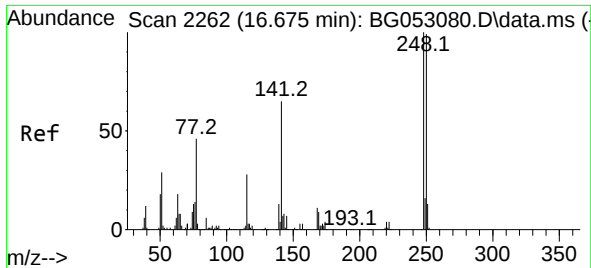
Tgt Ion:165 Resp: 10802
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 3.1 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

Tgt Ion:188 Resp: 195905
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 9.0 7.2 10.8

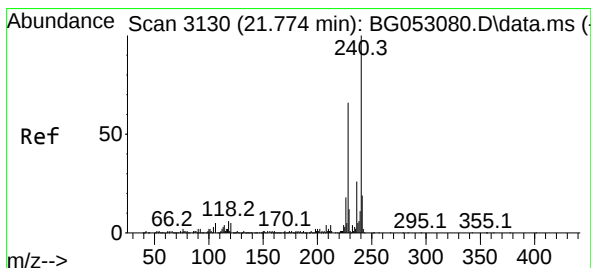
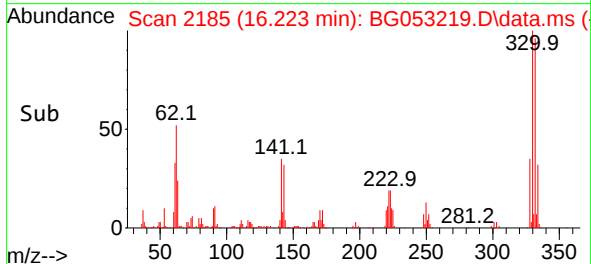
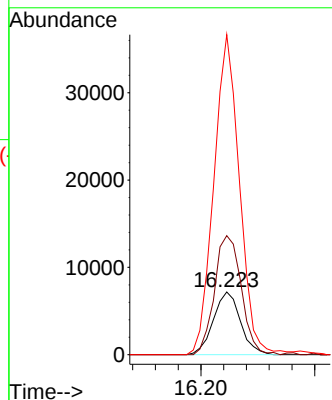
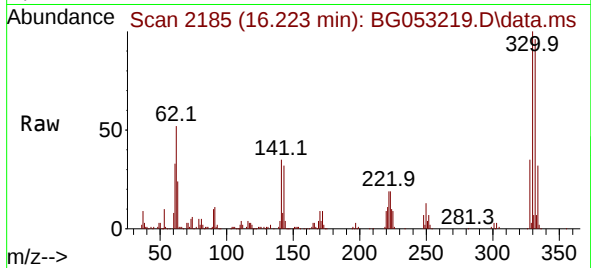




#67
4-Bromophenyl-phenylether
Concen: 4.718 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.452 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

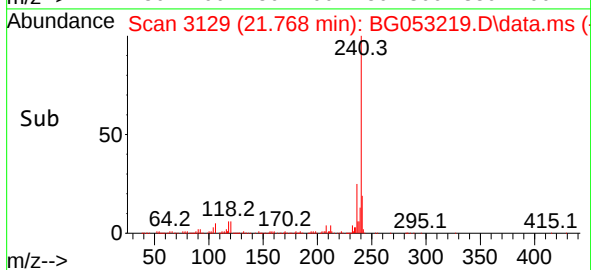
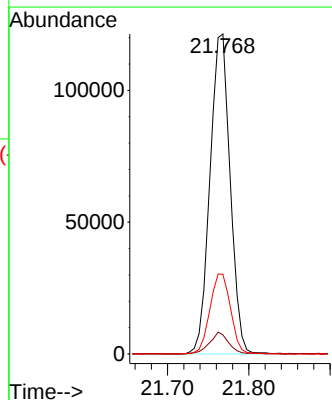
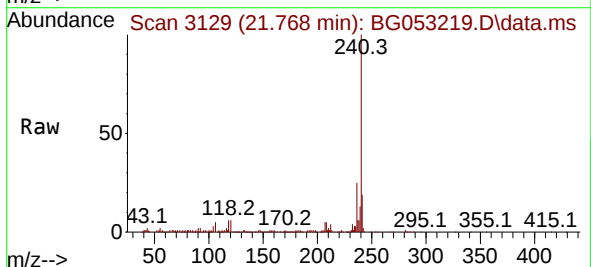
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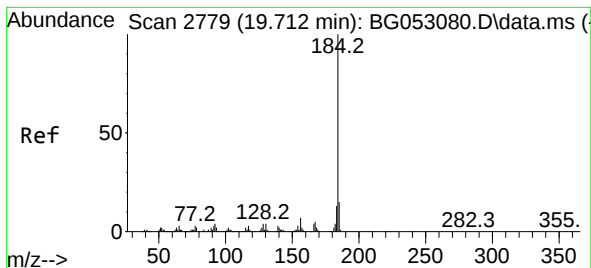
Tgt Ion:248 Resp: 11844
Ion Ratio Lower Upper
248 100
250 189.8 77.9 116.9#
141 510.5 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.768 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BG053219.D
Acq: 20 Apr 2022 17:18

Tgt Ion:240 Resp: 209282
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 24.9 19.8 29.6





#77

Benzidine

Concen: 3.012 ng

RT: 20.082 min Scan# 2

Delta R.T. 0.370 min

Lab File: BG053219.D

Acq: 20 Apr 2022 17:18

Instrument :

BNA_G

ClientSampleId :

WC-15-1-6

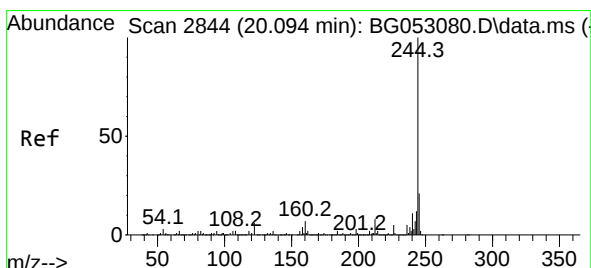
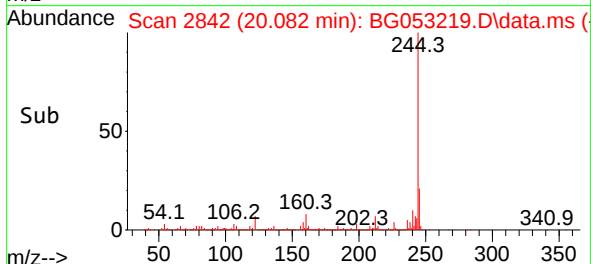
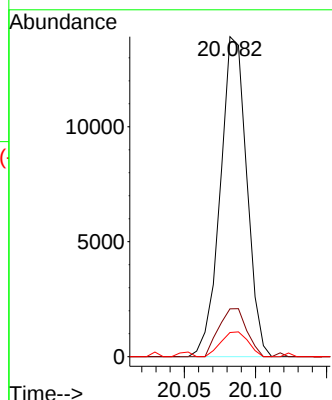
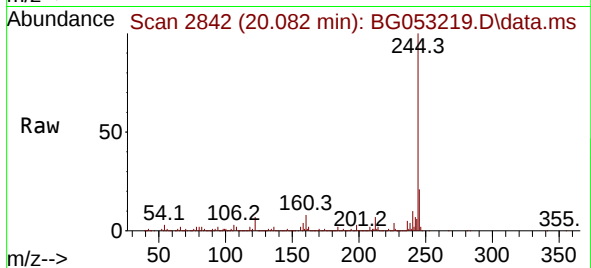
Tgt Ion:184 Resp: 17985

Ion Ratio Lower Upper

184 100

185 15.0 11.5 17.3

183 7.6 9.4 14.2#



#79

Terphenyl-d14

Concen: 83.920 ng

RT: 20.088 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BG053219.D

Acq: 20 Apr 2022 17:18

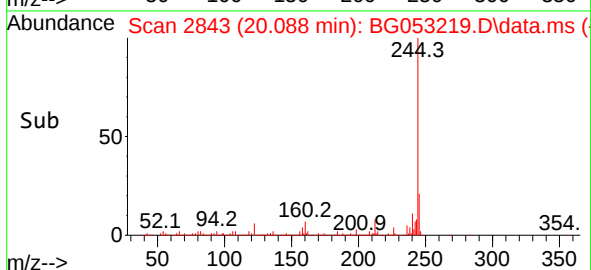
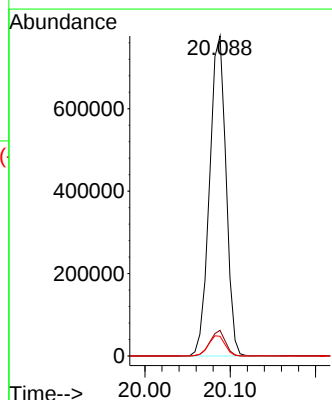
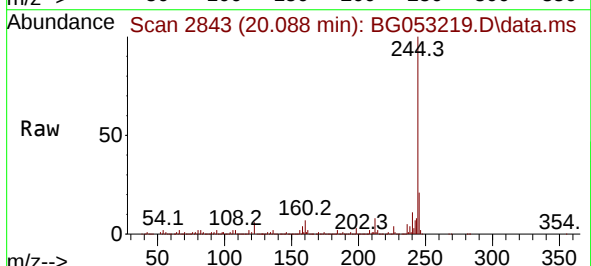
Tgt Ion:244 Resp: 1039901

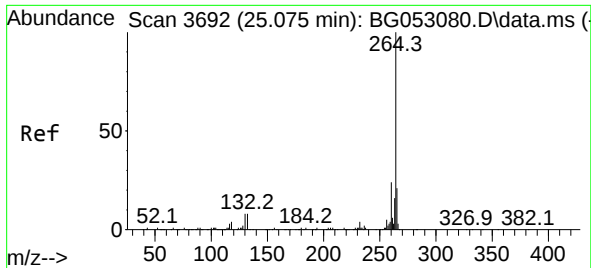
Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

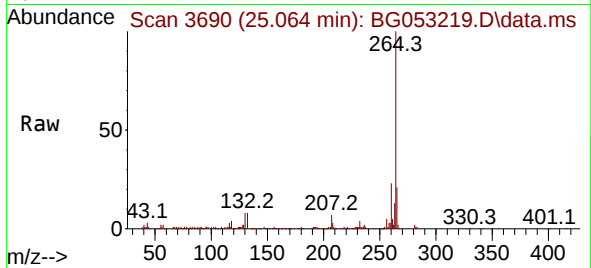
122 6.1 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.064 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BG053219.D
 Acq: 20 Apr 2022 17:18

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-6



Tgt Ion:264 Resp: 216607
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 20.5 15.1 22.7

