

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031722\
 Data File : BG052686.D
 Acq On : 17 Mar 2022 10:13
 Operator : CG/JU
 Sample : PB143208BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143208BL

Quant Time: Mar 17 11:34:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

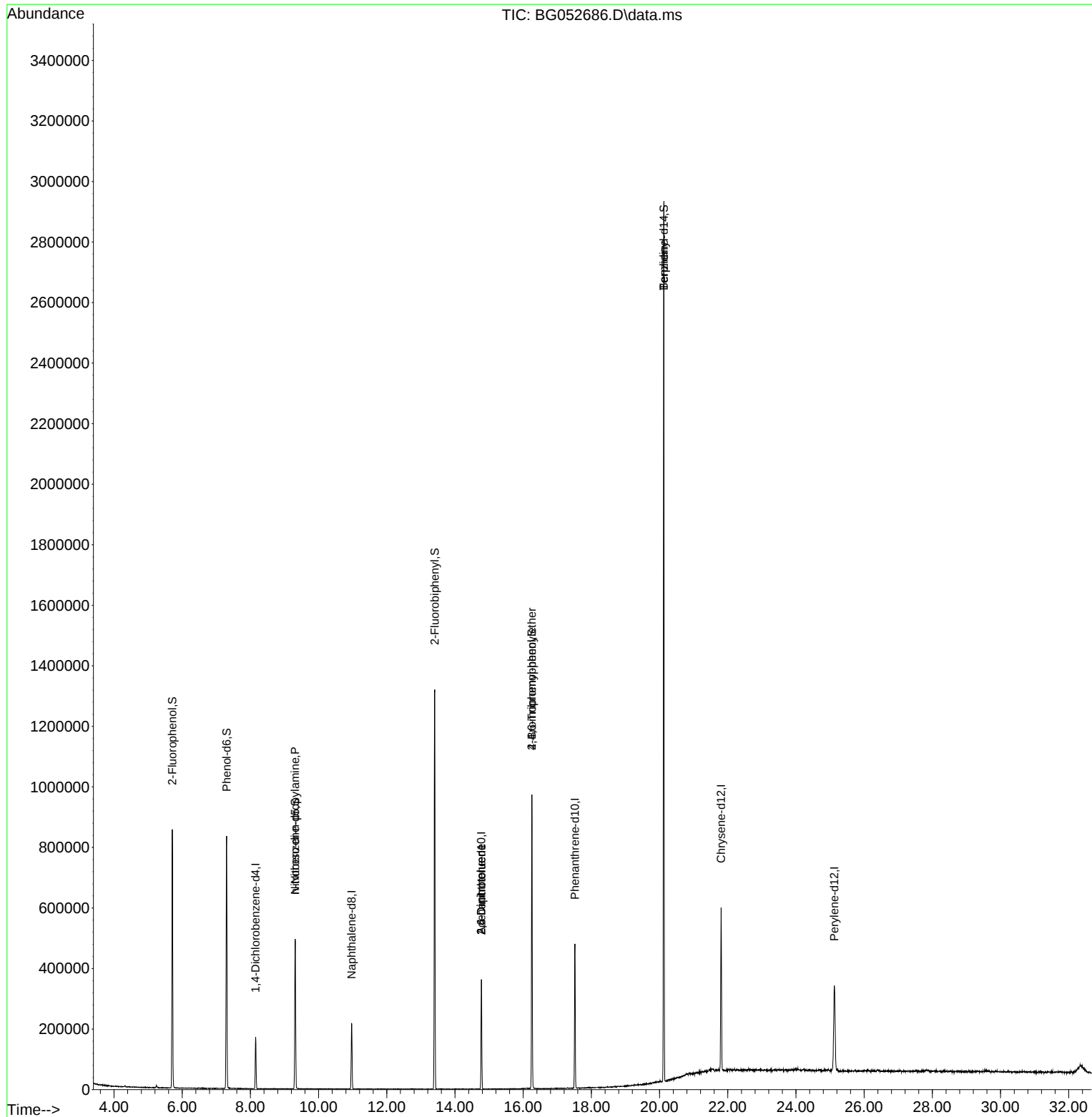
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	47781	20.000	ng	0.00
21) Naphthalene-d8	10.967	136	185010	20.000	ng	# 0.00
39) Acenaphthene-d10	14.773	164	128394	20.000	ng	0.00
64) Phenanthrene-d10	17.517	188	305527	20.000	ng	0.00
76) Chrysene-d12	21.805	240	343893	20.000	ng	0.00
86) Perylene-d12	25.124	264	332373	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.709	112	346460	126.277	ng	0.00
7) Phenol-d6	7.301	99	486434	117.600	ng	0.00
23) Nitrobenzene-d5	9.310	82	319849	86.770	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	183877	106.579	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	732595	84.152	ng	0.00
79) Terphenyl-d14	20.125	244	1494016	77.281	ng	0.00
Target Compounds						
9) Benzaldehyde	7.295	77	1028	Below Cal		Qvalue # 5
19) n-Nitroso-di-n-propyla...	9.310	70	42320	14.446	ng	# 75
51) 2,6-Dinitrotoluene	14.773	165	16882	10.479	ng	# 26
57) 2,4-Dinitrotoluene	14.773	165	16882	7.552	ng	# 24
67) 4-Bromophenyl-phenylether	16.254	248	12082	3.280	ng	# 1
77) Benzidine	20.125	184	25813	2.910	ng	# 94

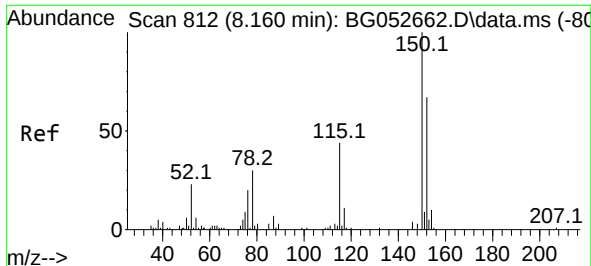
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031722\
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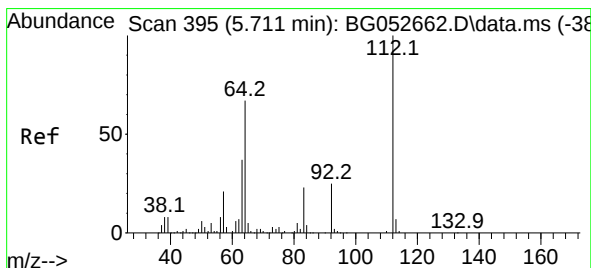
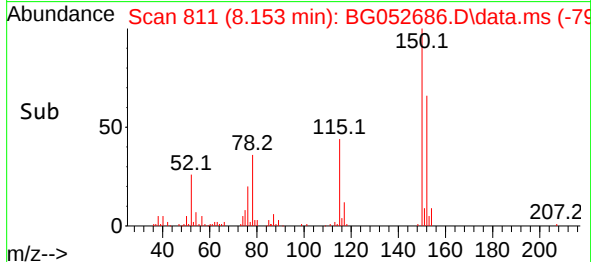
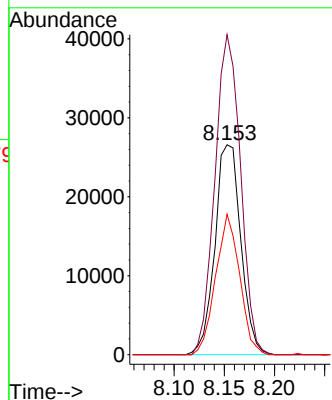
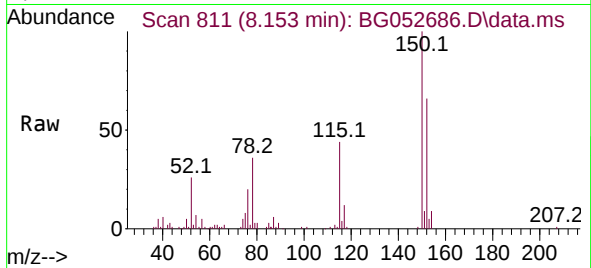




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 812
Delta R.T. -0.007 min
Lab File: BG052686.D
Acq: 17 Mar 2022 10:13

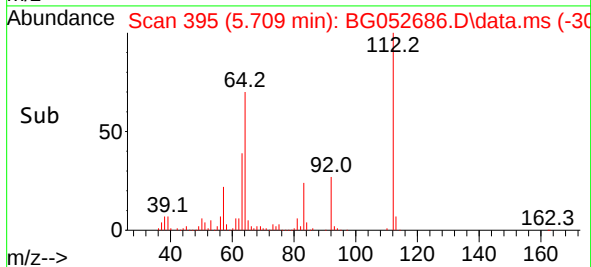
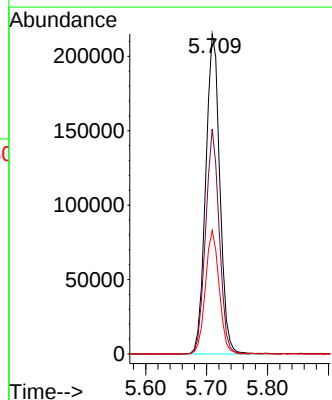
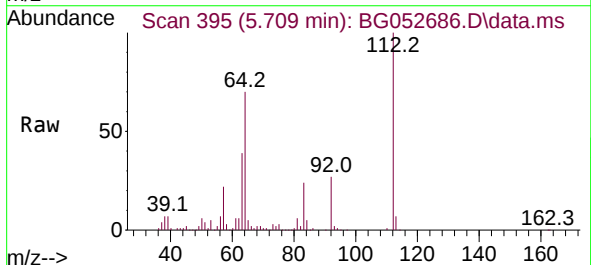
Instrument :
BNA_G
ClientSampleId :
PB143208BL

Tgt Ion:152 Resp: 47781
Ion Ratio Lower Upper
152 100
150 152.4 114.6 172.0
115 66.9 45.9 68.9



#5
2-Fluorophenol
Concen: 126.277 ng
RT: 5.709 min Scan# 395
Delta R.T. -0.002 min
Lab File: BG052686.D
Acq: 17 Mar 2022 10:13

Tgt Ion:112 Resp: 346460
Ion Ratio Lower Upper
112 100
64 70.3 48.0 72.0
63 38.6 26.5 39.7

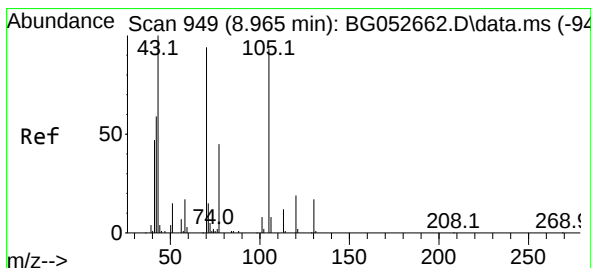
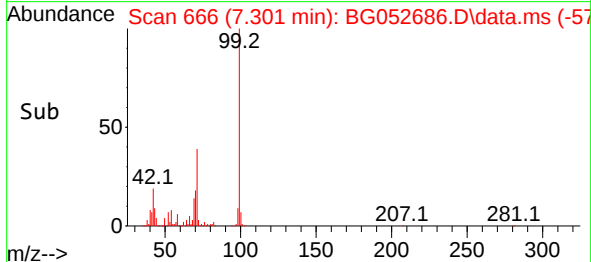
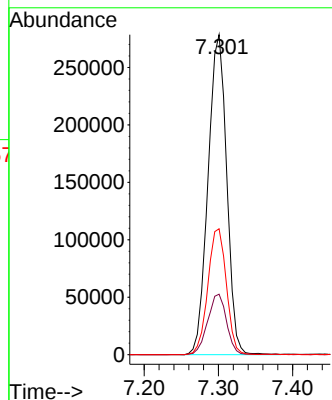
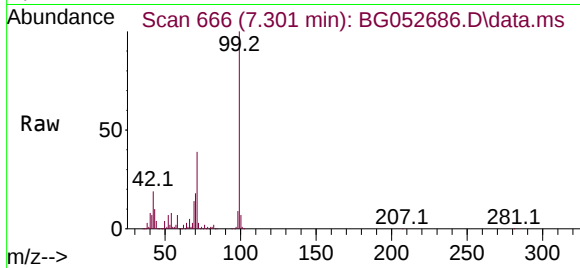




#7
Phenol-d6
Concen: 117.600 ng
RT: 7.301 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG052686.D
Acq: 17 Mar 2022 10:13

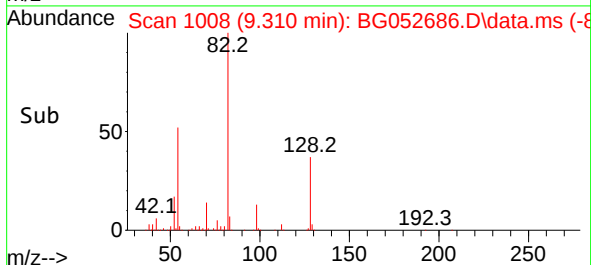
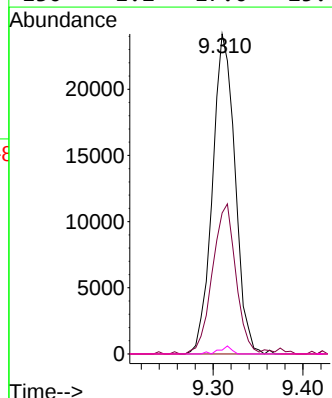
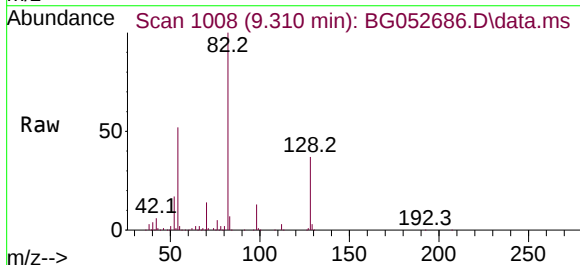
Instrument :
BNA_G
ClientSampleId :
PB143208BL

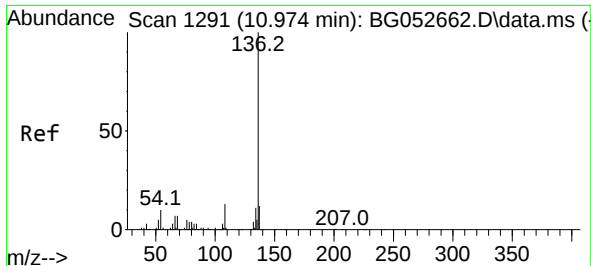
Tgt Ion: 99 Resp: 486434
Ion Ratio Lower Upper
99 100
42 18.9 14.7 22.1
71 39.4 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.446 ng
RT: 9.310 min Scan# 1008
Delta R.T. 0.345 min
Lab File: BG052686.D
Acq: 17 Mar 2022 10:13

Tgt Ion: 70 Resp: 42320
Ion Ratio Lower Upper
70 100
42 44.0 46.0 69.0#
101 0.0 6.2 9.4#
130 1.2 17.0 25.4#

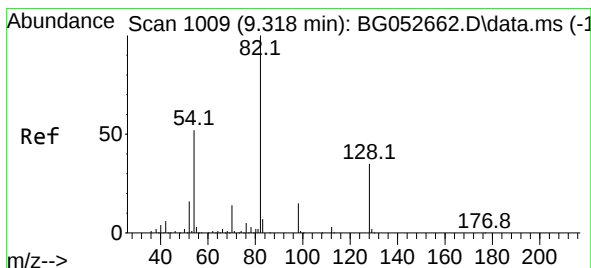
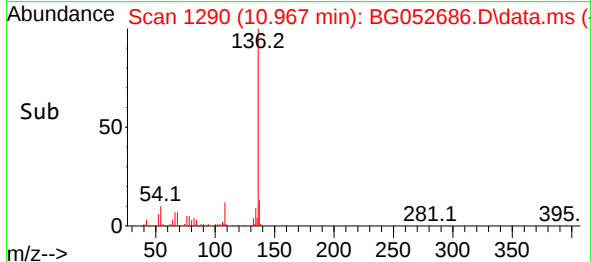
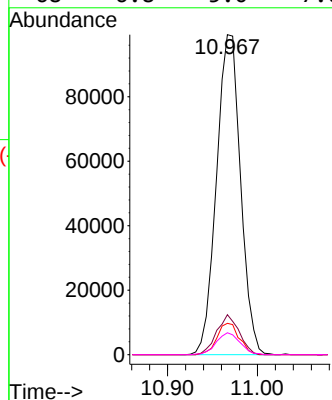
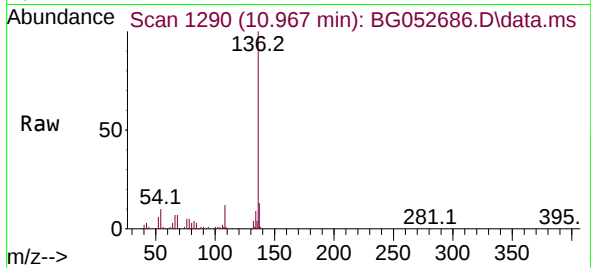




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG052686.D
Acq: 17 Mar 2022 10:13

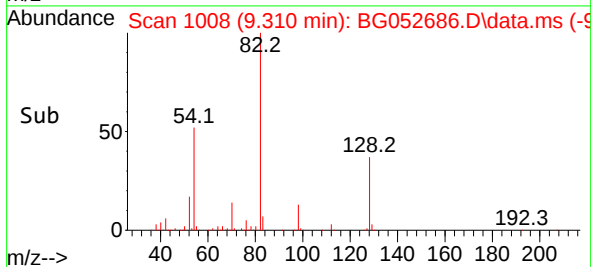
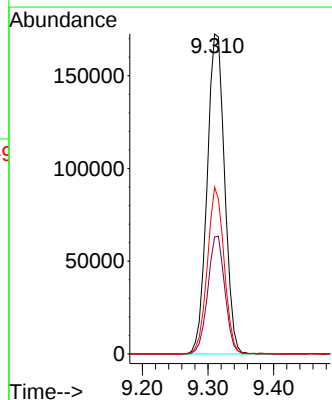
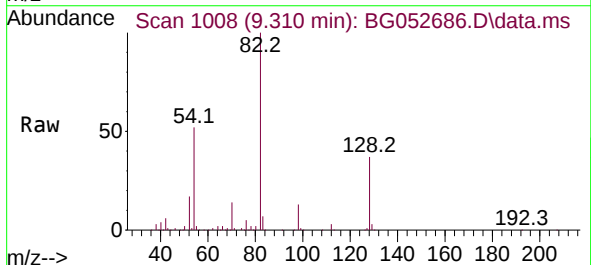
Instrument :
BNA_G
ClientSampleId :
PB143208BL

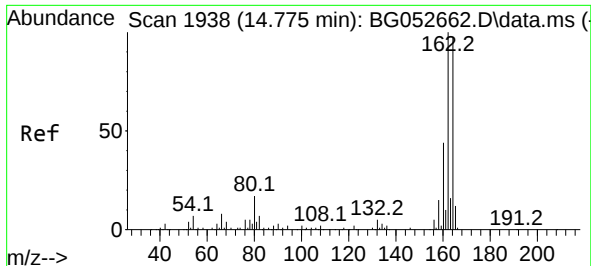
Tgt Ion:136 Resp: 185010
Ion Ratio Lower Upper
136 100
137 12.5 9.4 14.2
54 9.8 6.4 9.6#
68 6.8 5.0 7.6



#23
Nitrobenzene-d5
Concen: 86.770 ng
RT: 9.310 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG052686.D
Acq: 17 Mar 2022 10:13

Tgt Ion: 82 Resp: 319849
Ion Ratio Lower Upper
82 100
128 36.6 31.3 46.9
54 52.2 37.8 56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.773 min Scan# 1938

Delta R.T. -0.002 min

Lab File: BG052686.D

Acq: 17 Mar 2022 10:13

Instrument :

BNA_G

ClientSampleId :

PB143208BL

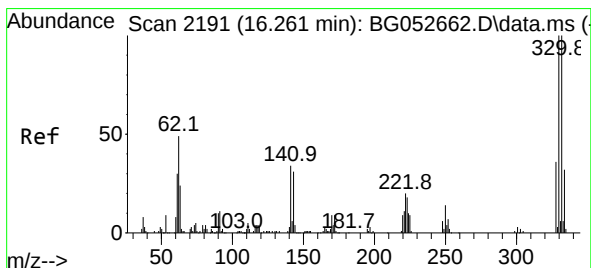
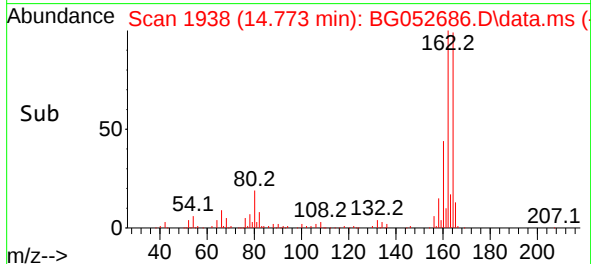
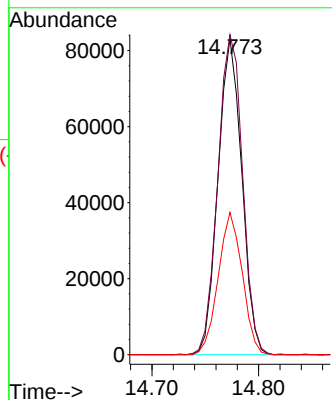
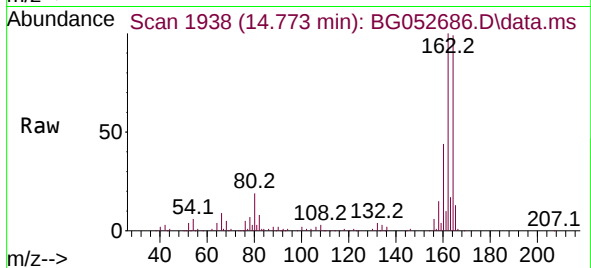
Tgt Ion:164 Resp: 128394

Ion Ratio Lower Upper

164 100

162 101.3 80.0 120.0

160 45.0 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 106.579 ng

RT: 16.254 min Scan# 2190

Delta R.T. -0.008 min

Lab File: BG052686.D

Acq: 17 Mar 2022 10:13

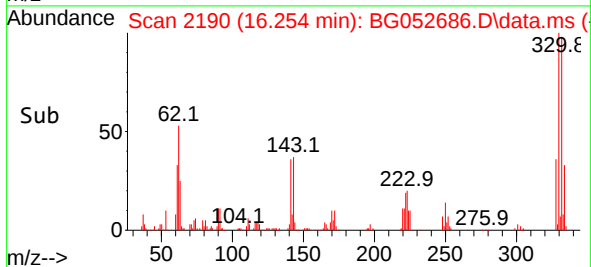
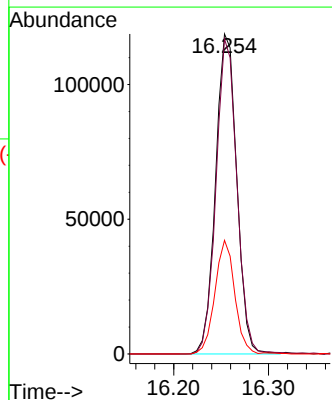
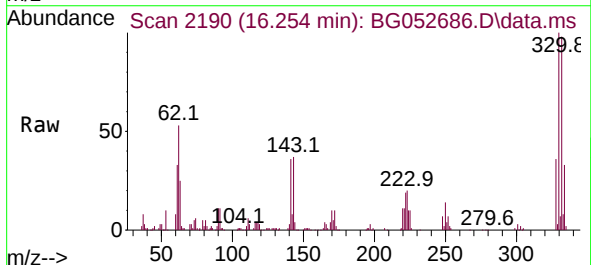
Tgt Ion:330 Resp: 183877

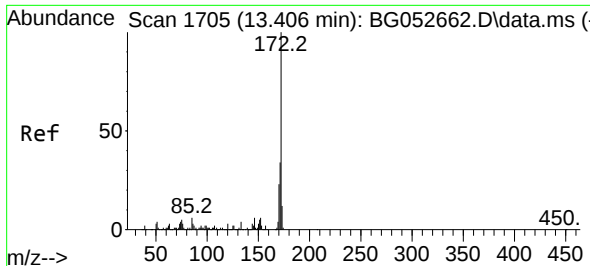
Ion Ratio Lower Upper

330 100

332 97.4 75.8 113.6

141 33.5 24.6 36.8

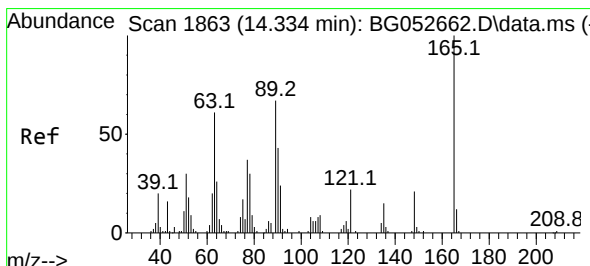
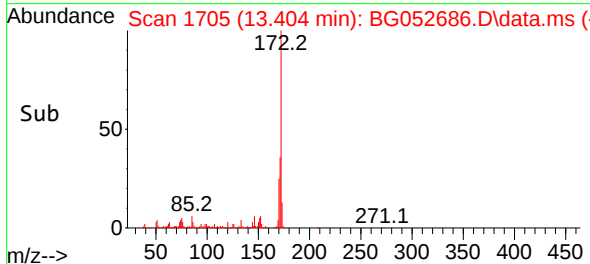
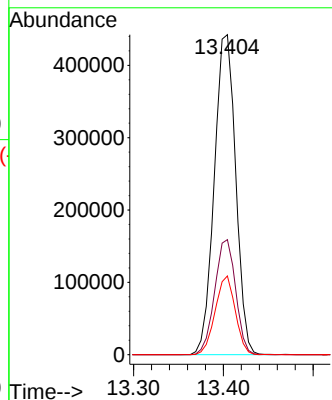
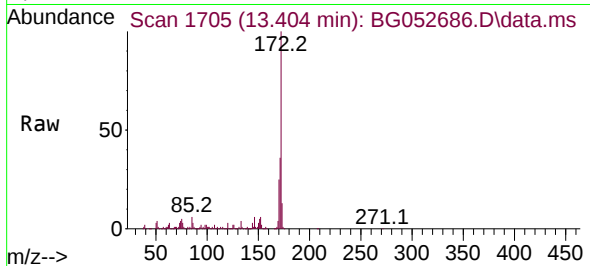




#45
2-Fluorobiphenyl
Concen: 84.152 ng
RT: 13.404 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG052686.D
Acq: 17 Mar 2022 10:13

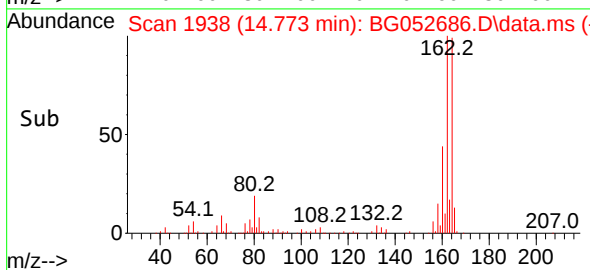
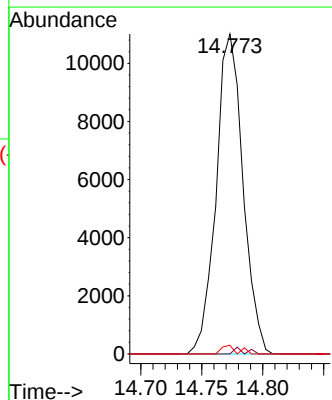
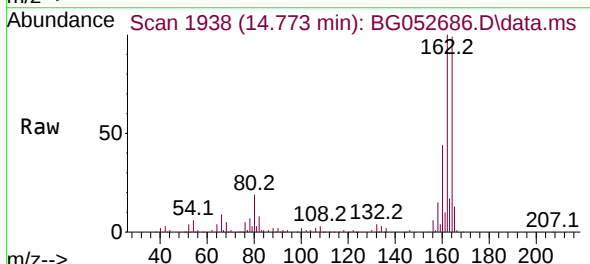
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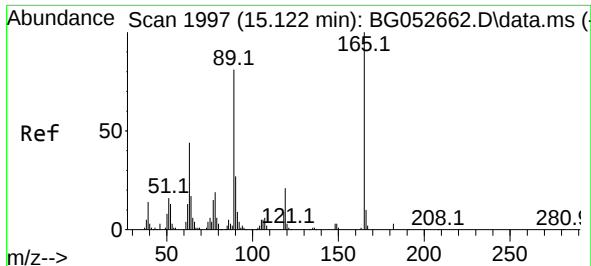
Tgt Ion:172 Resp: 732595
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 24.6 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.479 ng
RT: 14.773 min Scan# 1938
Delta R.T. 0.439 min
Lab File: BG052686.D
Acq: 17 Mar 2022 10:13

Tgt Ion:165 Resp: 16882
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.7 45.0 67.4#

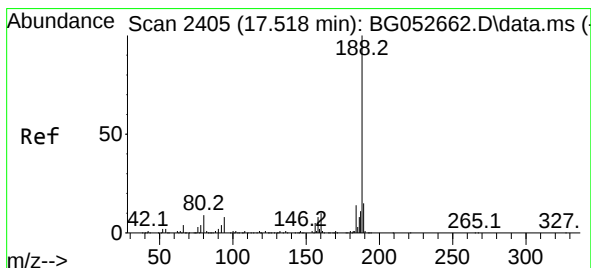
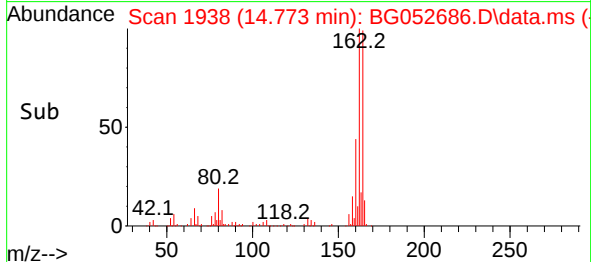
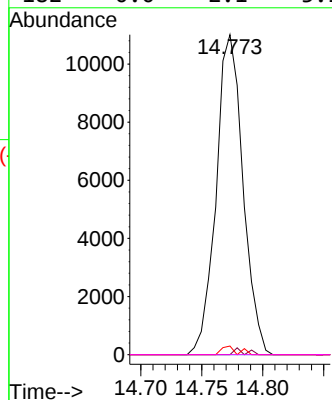
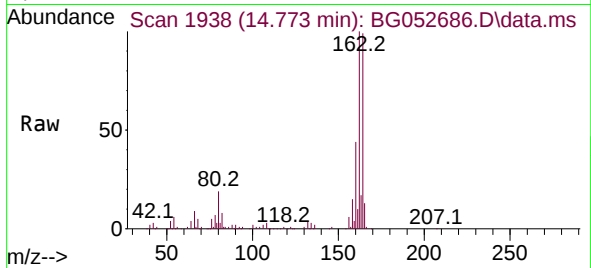




#57
2,4-Dinitrotoluene
Concen: 7.552 ng
RT: 14.773 min Scan# 1997
Delta R.T. -0.348 min
Lab File: BG052686.D
Acq: 17 Mar 2022 10:13

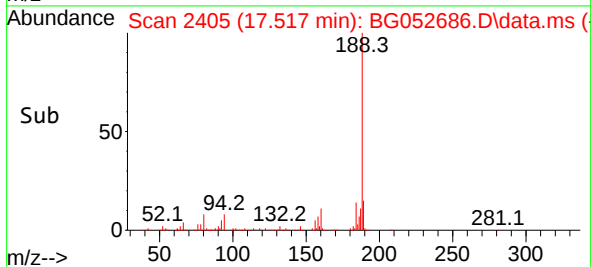
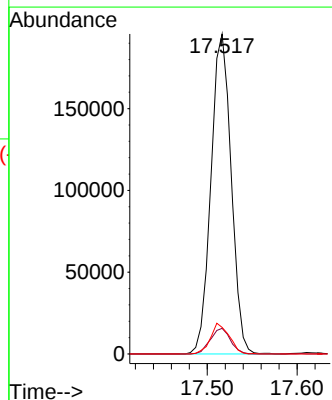
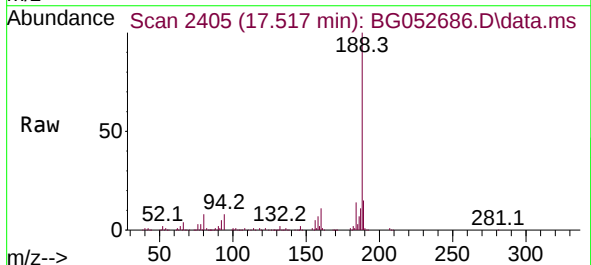
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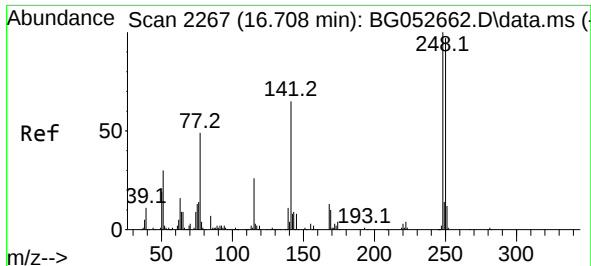
Tgt Ion:165 Resp: 16882
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.7 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.517 min Scan# 2405
Delta R.T. -0.002 min
Lab File: BG052686.D
Acq: 17 Mar 2022 10:13

Tgt Ion:188 Resp: 305527
Ion Ratio Lower Upper
188 100
94 8.0 5.7 8.5
80 8.3 7.2 10.8

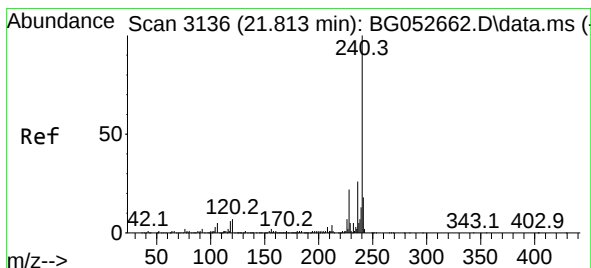
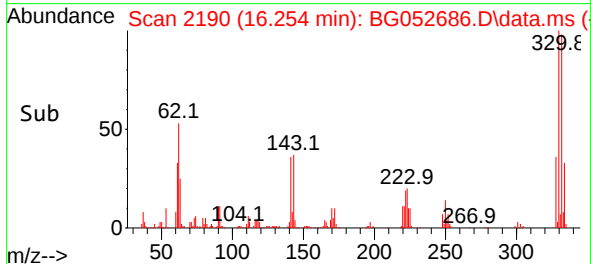
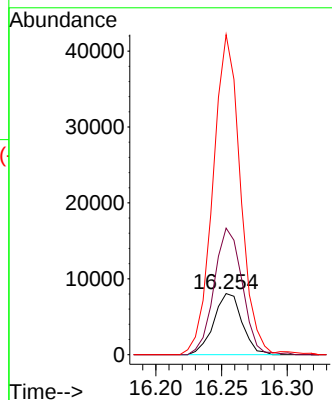
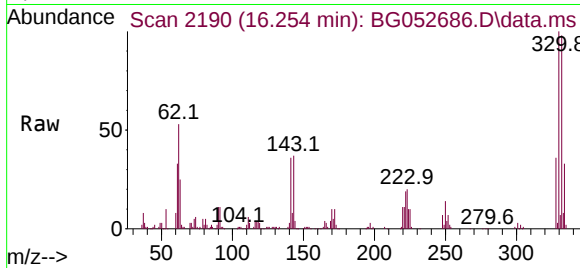




#67
4-Bromophenyl-phenylether
Concen: 3.280 ng
RT: 16.254 min Scan# 21190
Delta R.T. -0.454 min
Lab File: BG052686.D
Acq: 17 Mar 2022 10:13

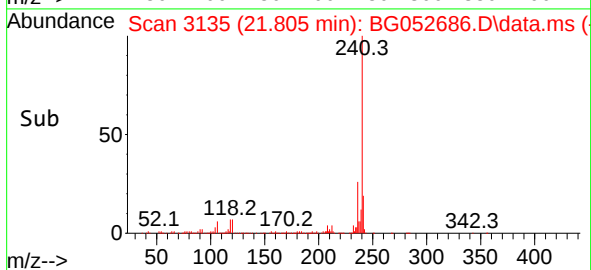
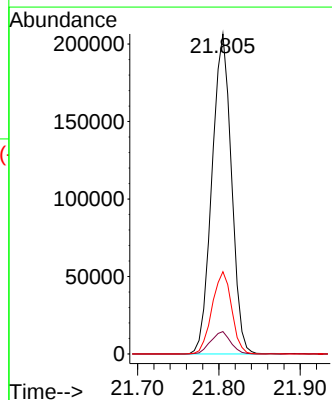
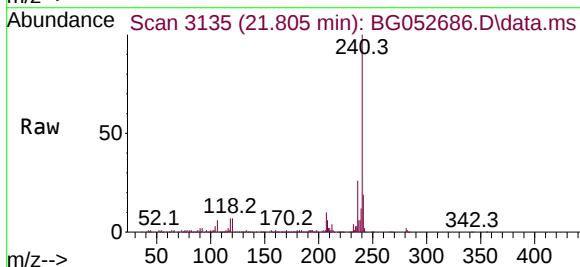
Instrument :
BNA_G
ClientSampleId :
PB143208BL

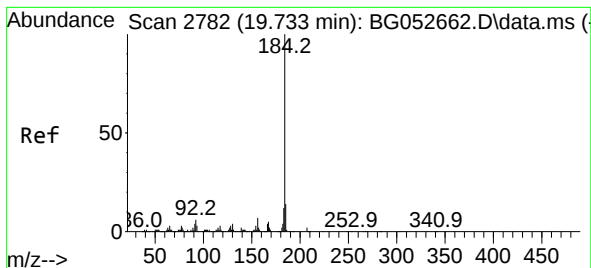
Tgt Ion:248 Resp: 12082
Ion Ratio Lower Upper
248 100
250 206.7 77.9 116.9#
141 522.9 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.805 min Scan# 3135
Delta R.T. -0.008 min
Lab File: BG052686.D
Acq: 17 Mar 2022 10:13

Tgt Ion:240 Resp: 343893
Ion Ratio Lower Upper
240 100
120 7.0 5.4 8.0
236 25.7 19.8 29.6





#77

Benzidine

Concen: 2.910 ng

RT: 20.125 min Scan# 2849

Delta R.T. 0.392 min

Lab File: BG052686.D

Acq: 17 Mar 2022 10:13

Instrument :

BNA_G

ClientSampleId :

PB143208BL

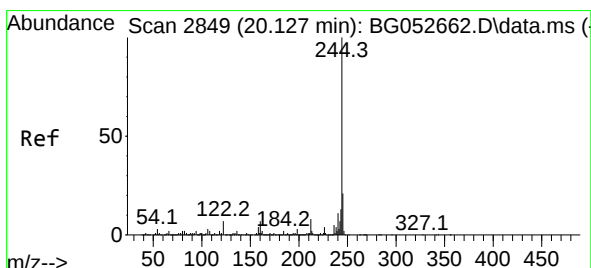
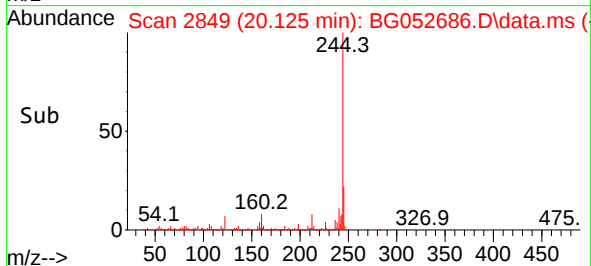
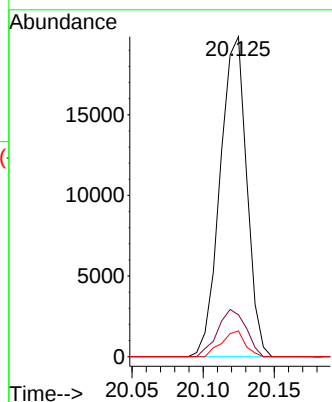
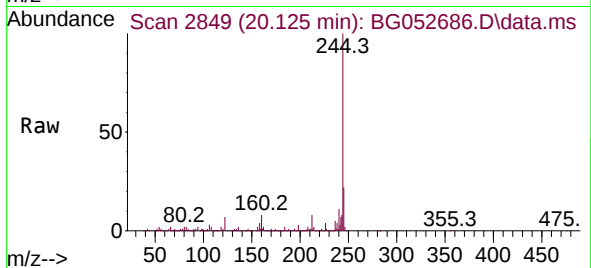
Tgt Ion:184 Resp: 25813

Ion Ratio Lower Upper

184 100

185 13.1 11.5 17.3

183 8.1 9.4 14.2#



#79

Terphenyl-d14

Concen: 77.281 ng

RT: 20.125 min Scan# 2849

Delta R.T. -0.002 min

Lab File: BG052686.D

Acq: 17 Mar 2022 10:13

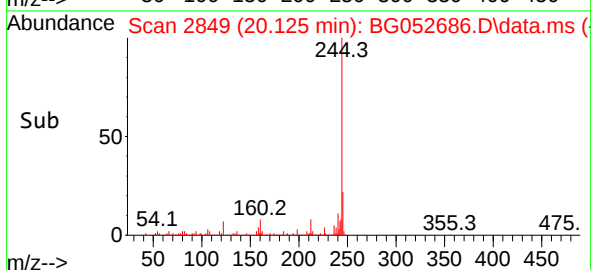
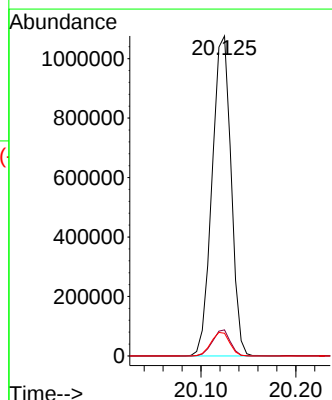
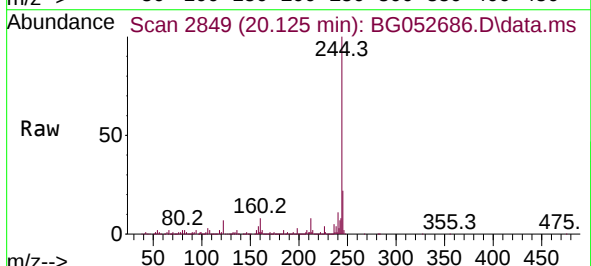
Tgt Ion:244 Resp: 1494016

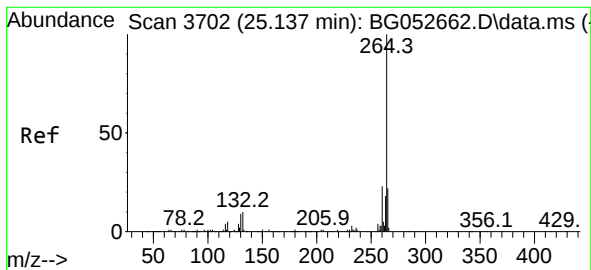
Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.2#

122 7.1 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.124 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BG052686.D
 Acq: 17 Mar 2022 10:13

Instrument :
 BNA_G
 ClientSampleId :
 PB143208BL

Tgt Ion:264 Resp: 332373
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 24.0 15.1 22.7#

