

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052359.D
 Acq On : 10 Feb 2022 18:18
 Operator : CG/JU
 Sample : N1431-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LPBH-2022

Quant Time: Feb 11 02:06:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

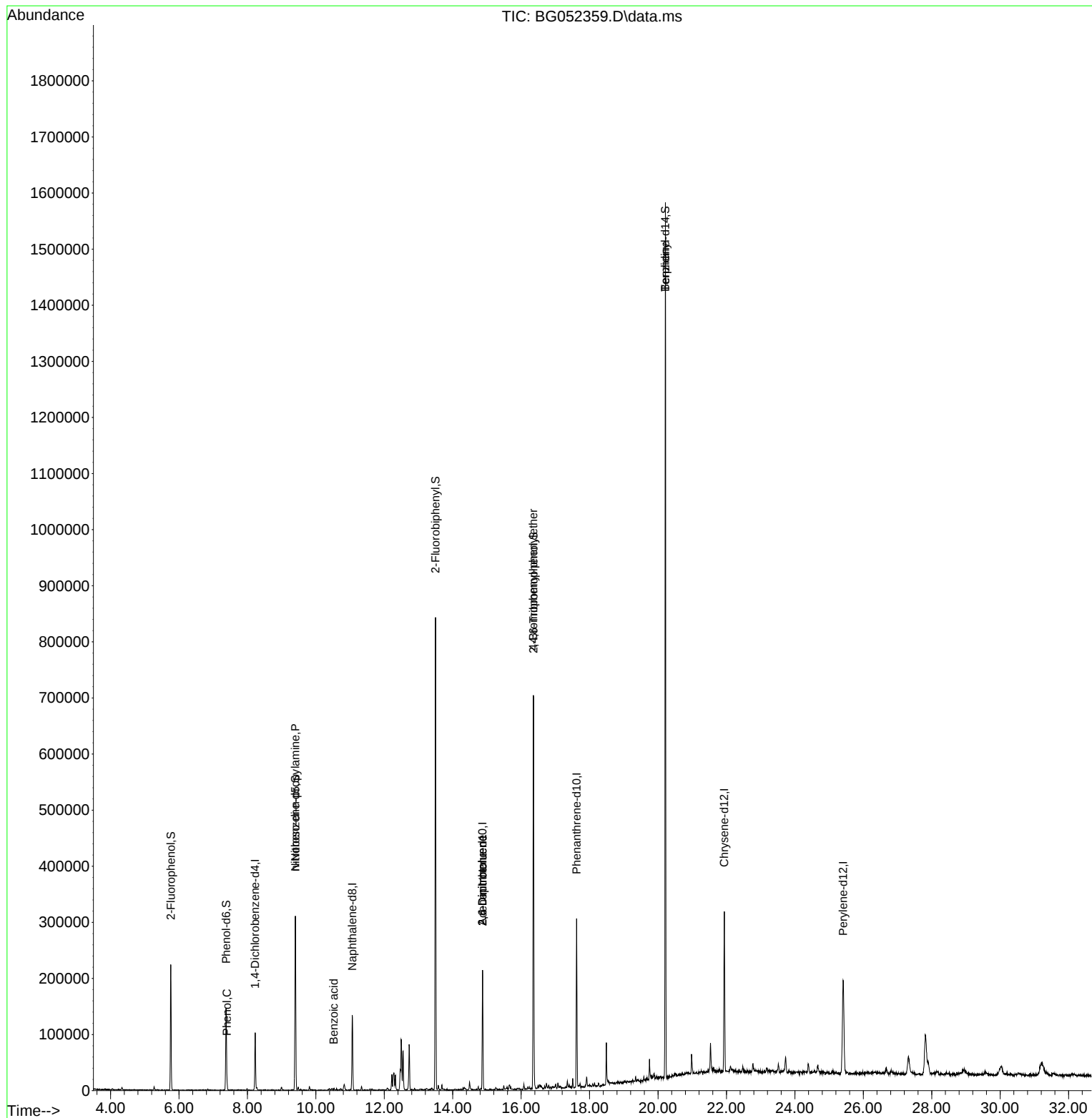
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	28162	20.000	ng	0.00
21) Naphthalene-d8	11.063	136	113813	20.000	ng	# 0.00
39) Acenaphthene-d10	14.870	164	76820	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	188654	20.000	ng	0.00
76) Chrysene-d12	21.937	240	187397	20.000	ng	0.00
86) Perylene-d12	25.408	264	192177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	93445	57.830	ng	0.00
7) Phenol-d6	7.374	99	82984	33.285	ng	0.00
23) Nitrobenzene-d5	9.401	82	195719	74.738	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	147600	133.739	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	443541	80.228	ng	0.00
79) Terphenyl-d14	20.215	244	764419	72.032	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.345	77	53	Below Cal	#	8
10) Phenol	7.403	94	5039	2.034	ng	94
19) n-Nitroso-di-n-propyla...	9.401	70	26642	14.174	ng	# 75
32) Benzoic acid	10.517	122	864	6.727	ng	# 6
51) 2,6-Dinitrotoluene	14.870	165	10579	8.331	ng	# 17
57) 2,4-Dinitrotoluene	14.870	165	10579	5.853	ng	# 16
67) 4-Bromophenyl-phenylether	16.356	248	9517	4.148	ng	# 1
77) Benzidine	20.215	184	11210	2.800	ng	97

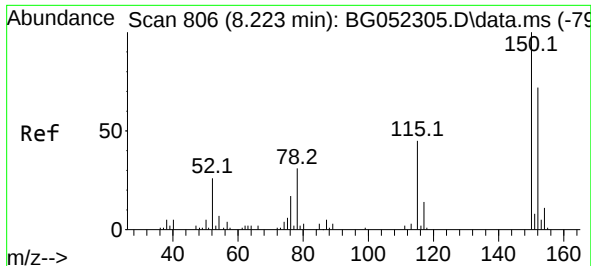
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
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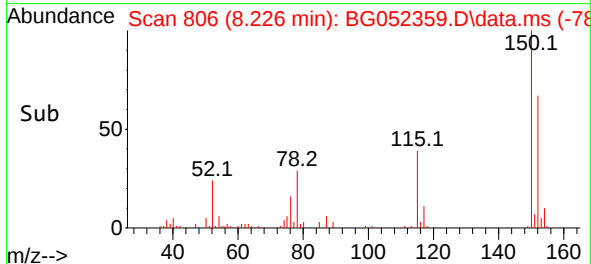
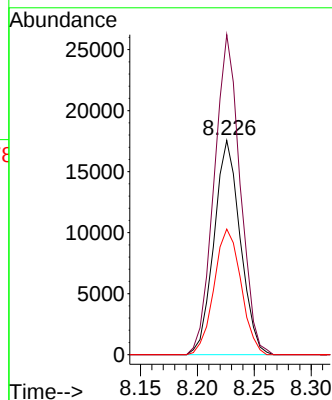
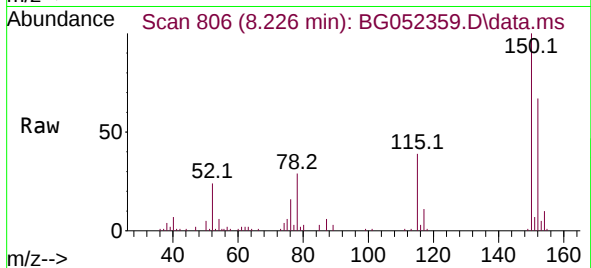




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

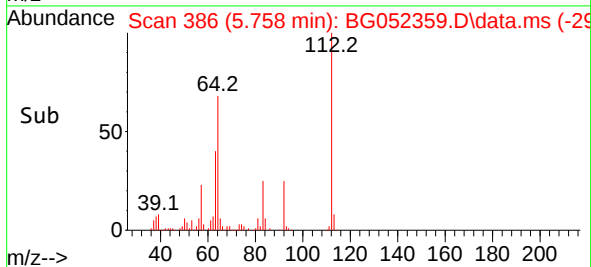
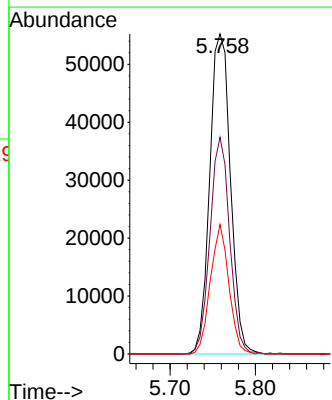
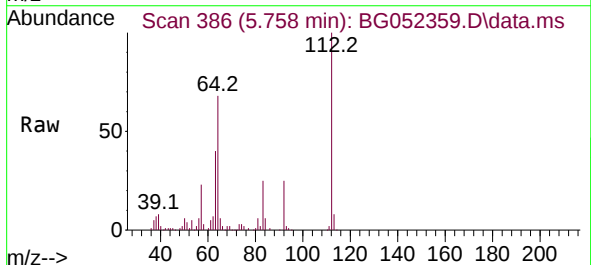
Instrument :
BNA_G
ClientSampleId :
LPBH-2022

Tgt Ion:152 Resp: 28162
Ion Ratio Lower Upper
152 100
150 149.3 117.8 176.8
115 58.6 50.2 75.2



#5
2-Fluorophenol
Concen: 57.830 ng
RT: 5.758 min Scan# 386
Delta R.T. 0.008 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

Tgt Ion:112 Resp: 93445
Ion Ratio Lower Upper
112 100
64 67.7 60.4 90.6
63 40.4 33.3 49.9

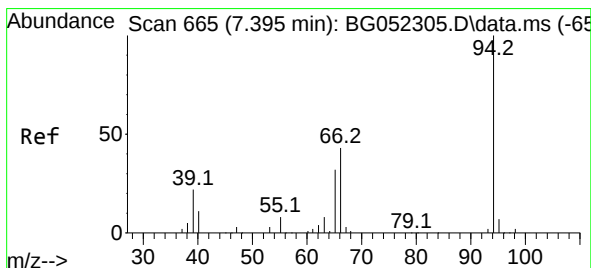
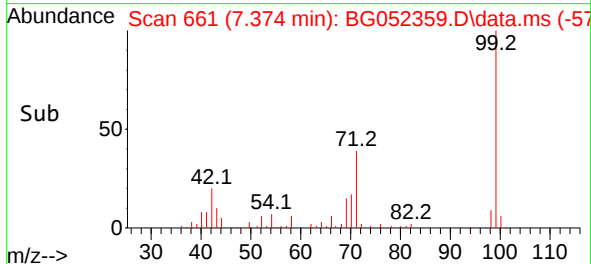
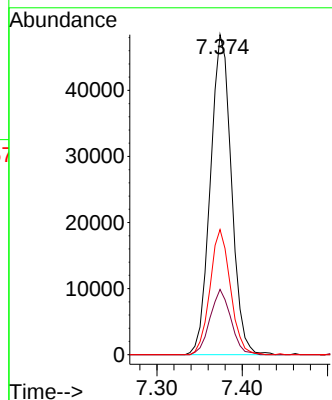
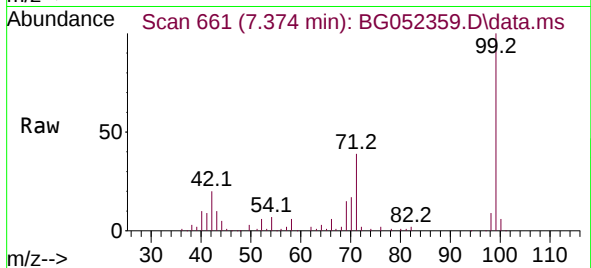




#7
Phenol-d6
Concen: 33.285 ng
RT: 7.374 min Scan# 661
Delta R.T. 0.002 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

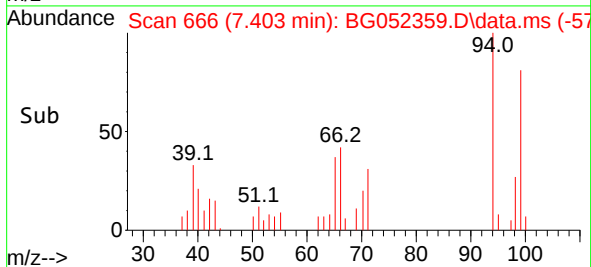
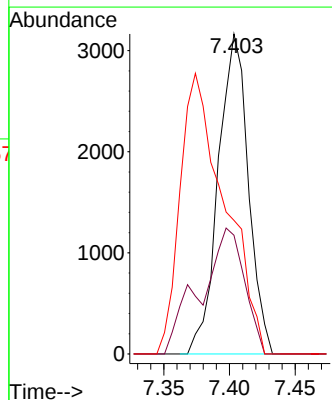
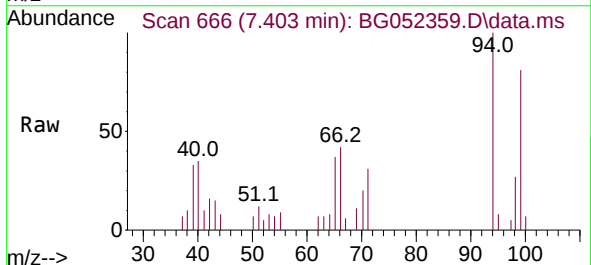
Instrument :
BNA_G
ClientSampleId :
LPBH-2022

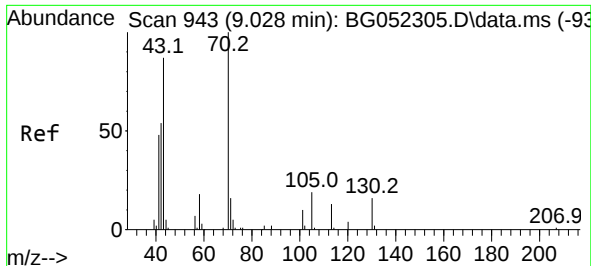
Tgt Ion: 99 Resp: 82984
Ion Ratio Lower Upper
99 100
42 20.4 19.1 28.7
71 39.1 33.4 50.2



#10
Phenol
Concen: 2.034 ng
RT: 7.403 min Scan# 666
Delta R.T. 0.008 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

Tgt Ion: 94 Resp: 5039
Ion Ratio Lower Upper
94 100
65 37.1 14.1 54.1
66 41.7 26.6 66.6

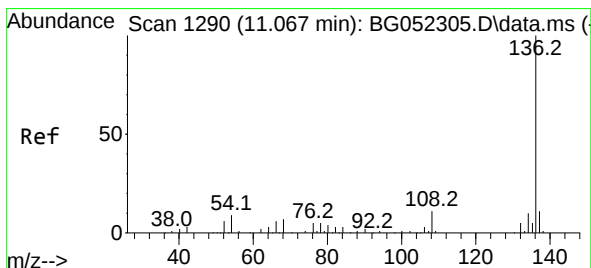
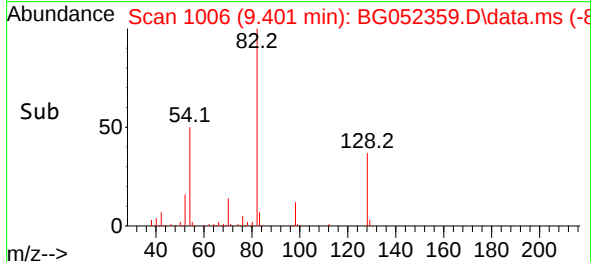
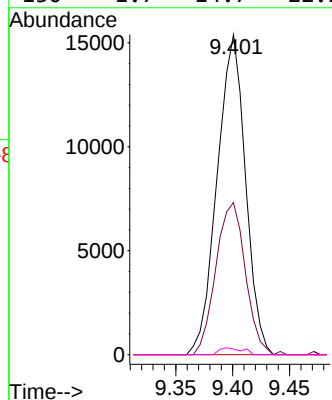
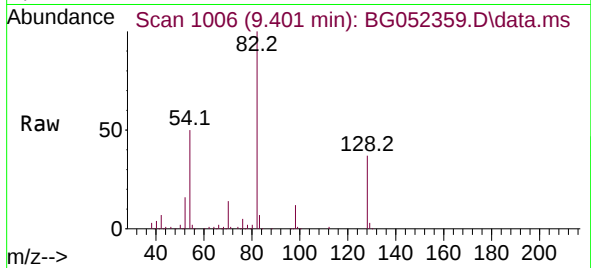




#19
n-Nitroso-di-n-propylamine
Concen: 14.174 ng
RT: 9.401 min Scan# 1006
Delta R.T. 0.372 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

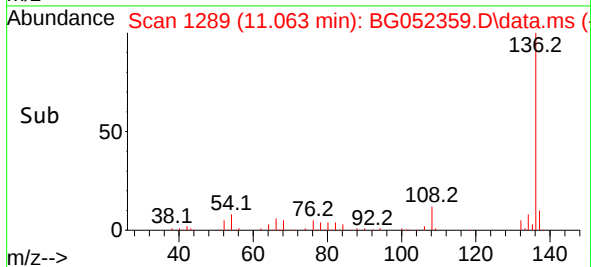
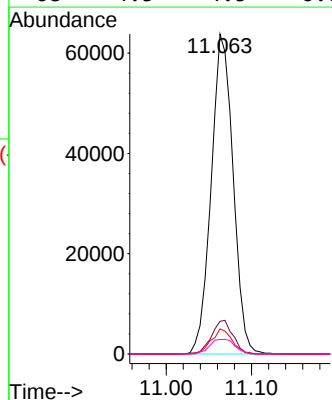
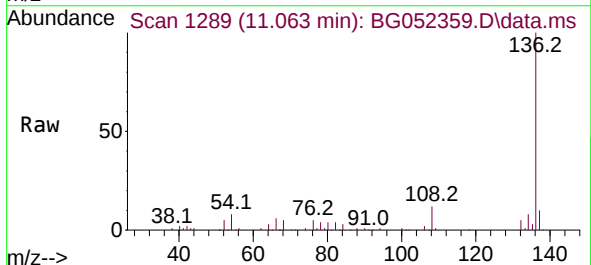
Instrument :
BNA_G
ClientSampleId :
LPBH-2022

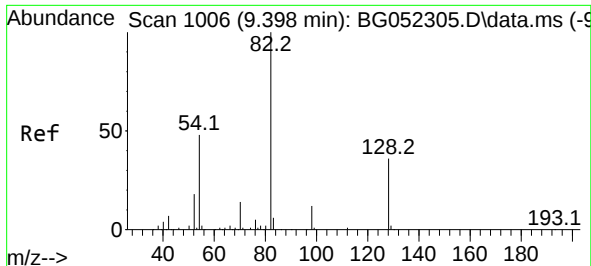
Tgt Ion: 70 Resp: 26642
Ion Ratio Lower Upper
70 100
42 47.5 51.8 77.6#
101 0.0 6.6 10.0#
130 1.7 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.063 min Scan# 1289
Delta R.T. -0.004 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

Tgt Ion: 136 Resp: 113813
Ion Ratio Lower Upper
136 100
137 10.2 9.1 13.7
54 7.8 8.3 12.5#
68 4.5 4.5 6.7

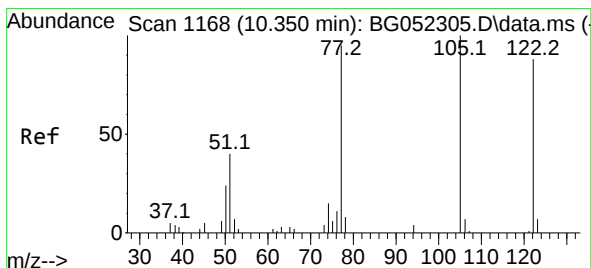
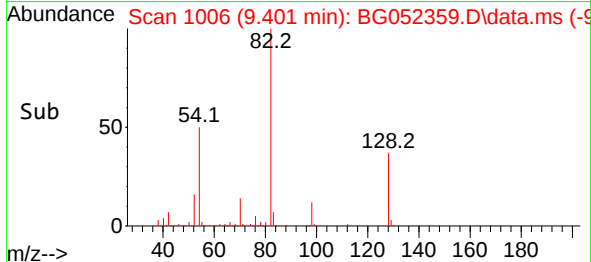
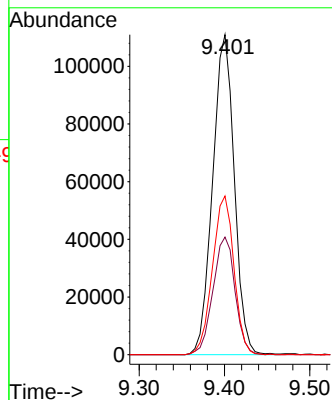
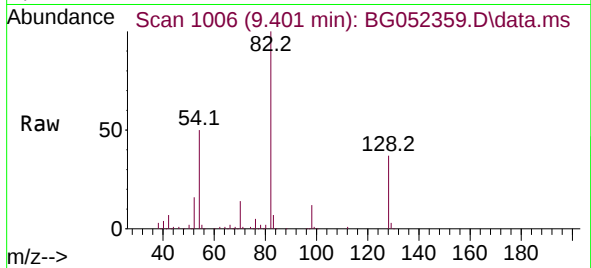




#23
Nitrobenzene-d5
Concen: 74.738 ng
RT: 9.401 min Scan# 1196
Delta R.T. 0.002 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

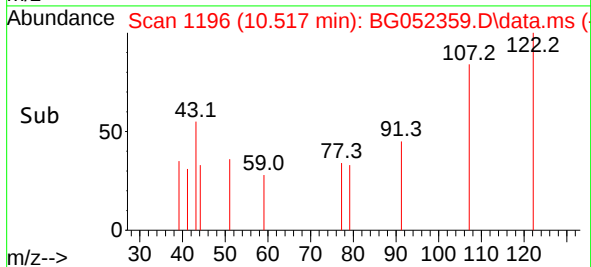
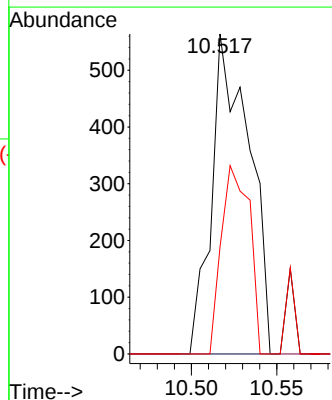
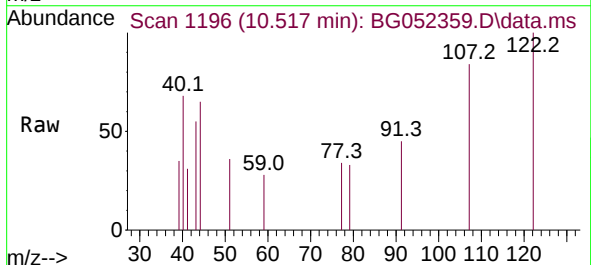
Instrument :
BNA_G
ClientSampleId :
LPBH-2022

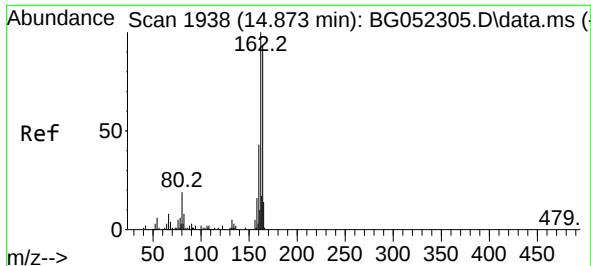
Tgt Ion: 82 Resp: 195719
Ion Ratio Lower Upper
82 100
128 36.8 27.0 40.4
54 49.6 41.0 61.6



#32
Benzoic acid
Concen: 6.727 ng
RT: 10.517 min Scan# 1196
Delta R.T. 0.167 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

Tgt Ion:122 Resp: 864
Ion Ratio Lower Upper
122 100
105 0.0 109.2 149.2#
77 33.5 92.8 132.8#

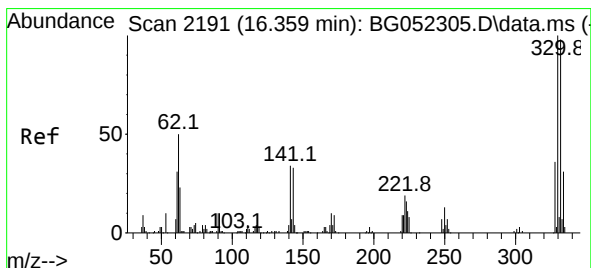
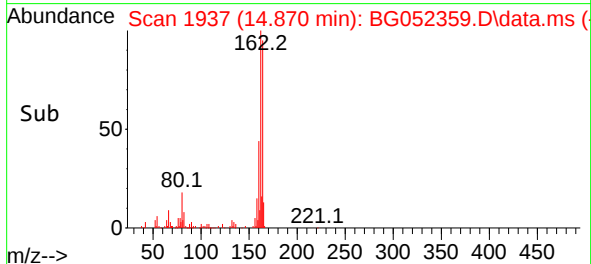
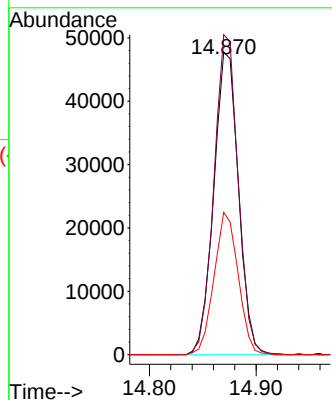
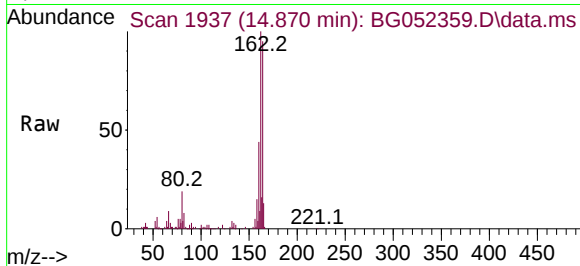




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

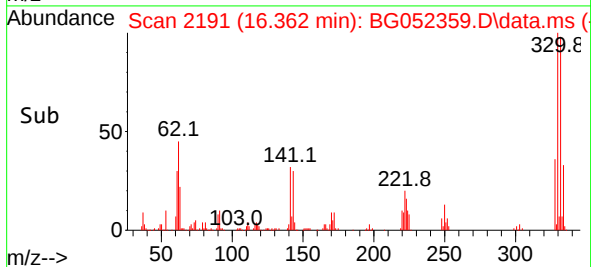
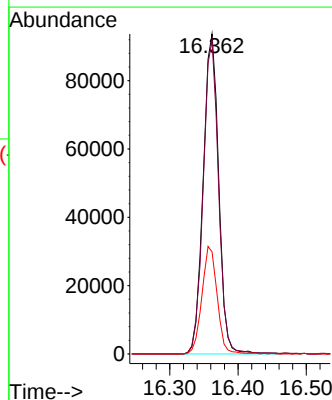
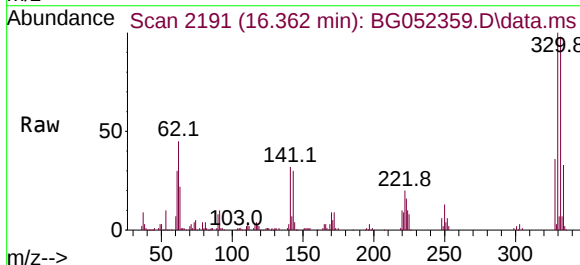
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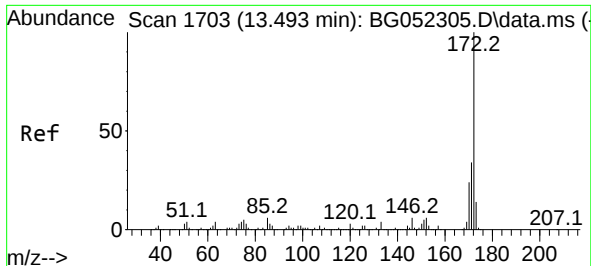
Tgt Ion:164 Resp: 76820
Ion Ratio Lower Upper
164 100
162 105.7 82.2 123.2
160 47.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 133.739 ng
RT: 16.362 min Scan# 2191
Delta R.T. 0.003 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

Tgt Ion:330 Resp: 147600
Ion Ratio Lower Upper
330 100
332 96.8 78.6 117.8
141 33.1 28.8 43.2

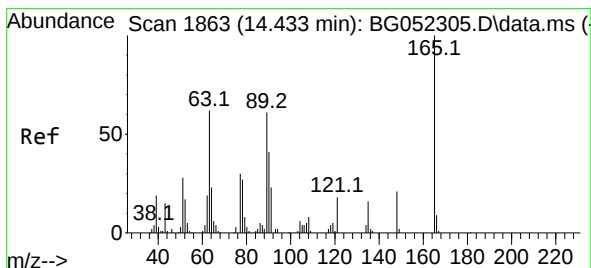
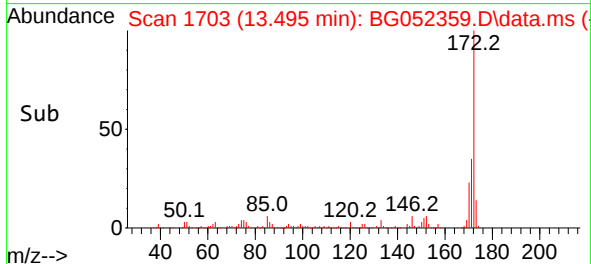
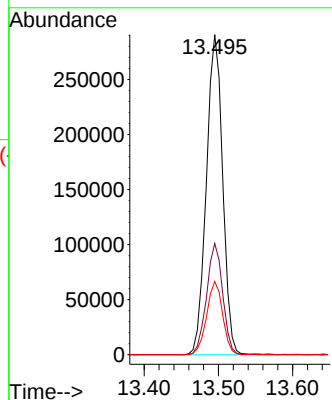
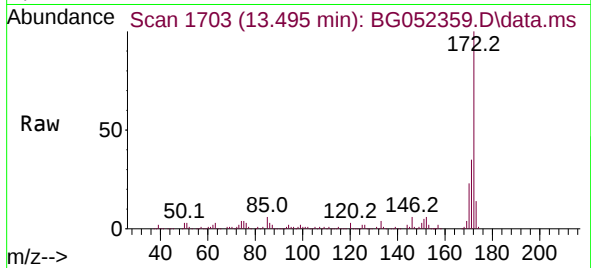




#45
2-Fluorobiphenyl
Concen: 80.228 ng
RT: 13.495 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

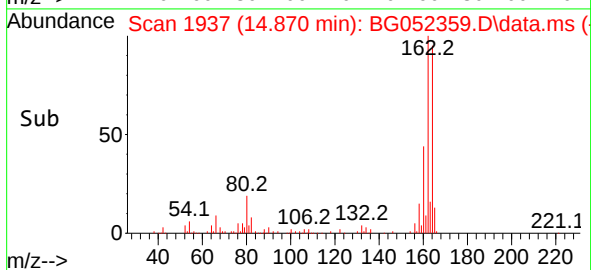
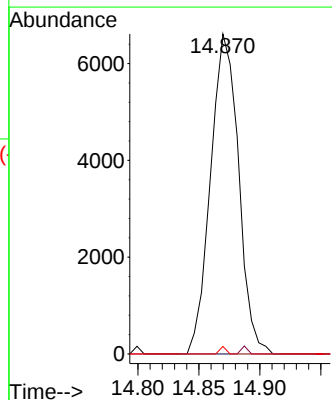
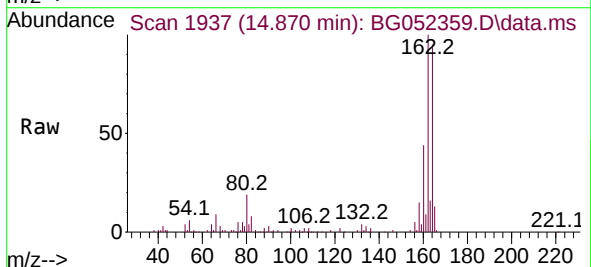
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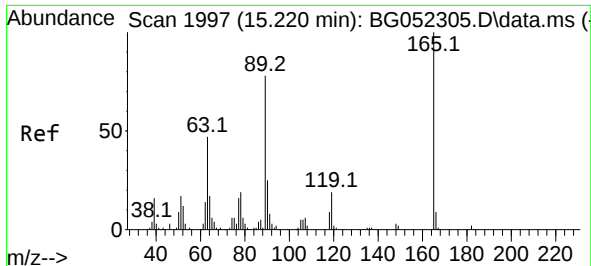
Tgt Ion:172 Resp: 443541
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.9 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.331 ng
RT: 14.870 min Scan# 1937
Delta R.T. 0.437 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

Tgt Ion:165 Resp: 10579
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 2.3 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.853 ng

RT: 14.870 min Scan# 1997

Delta R.T. -0.350 min

Lab File: BG052359.D

Acq: 10 Feb 2022 18:18

Instrument :

BNA_G

ClientSampleId :

LPBH-2022

Tgt Ion:165 Resp: 10579

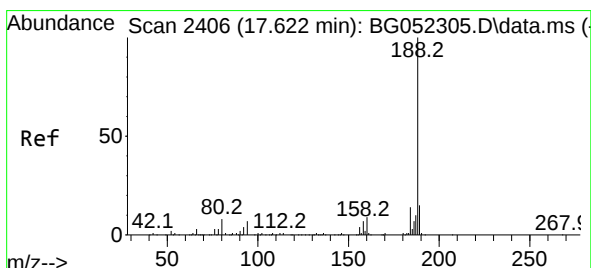
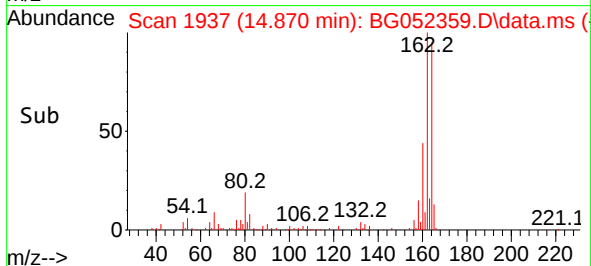
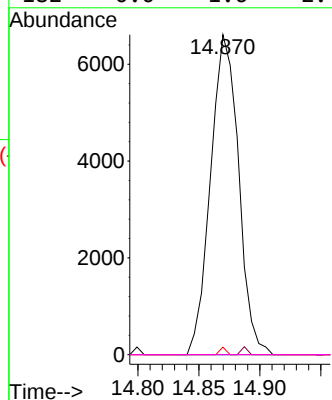
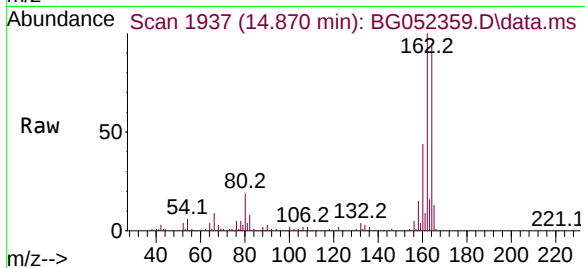
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 2.3 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.619 min Scan# 2405

Delta R.T. -0.003 min

Lab File: BG052359.D

Acq: 10 Feb 2022 18:18

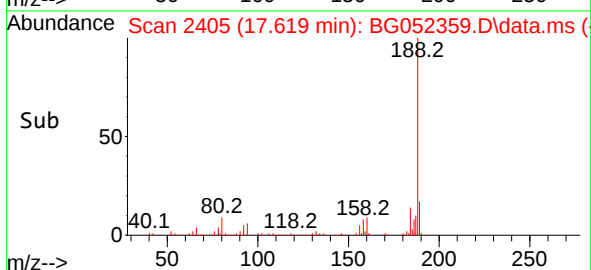
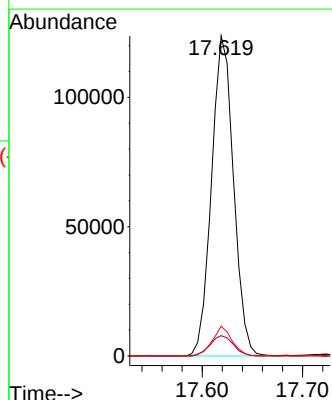
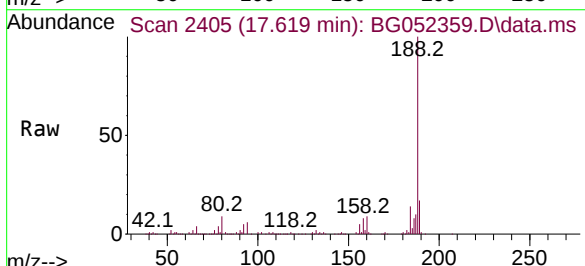
Tgt Ion:188 Resp: 188654

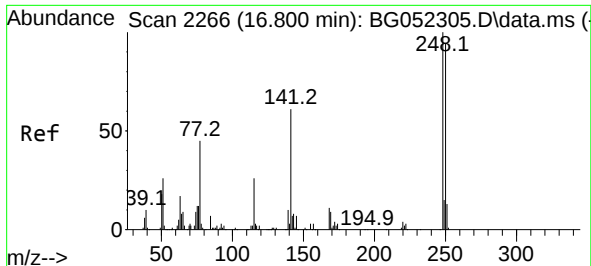
Ion Ratio Lower Upper

188 100

94 6.3 5.9 8.9

80 9.3 6.6 10.0

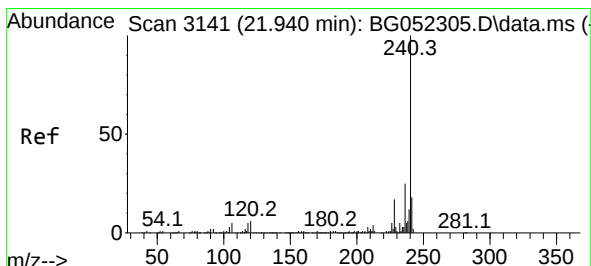
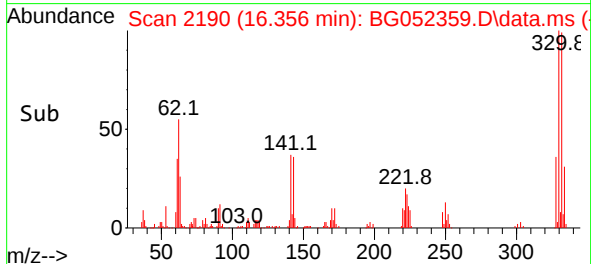
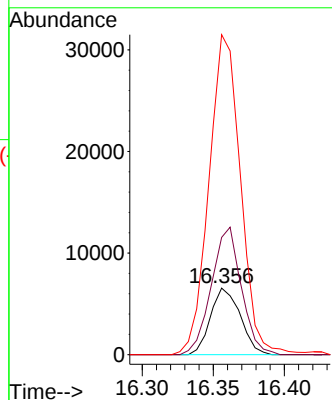
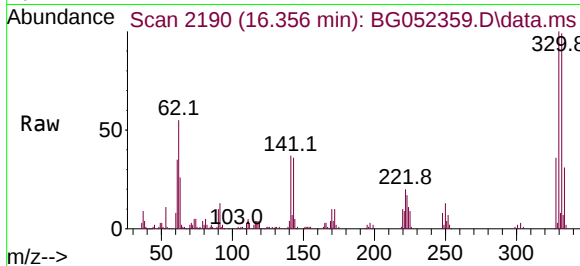




#67
4-Bromophenyl-phenylether
Concen: 4.148 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.444 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

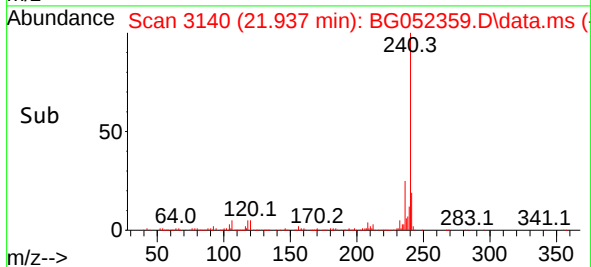
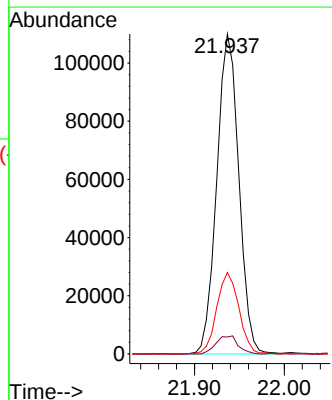
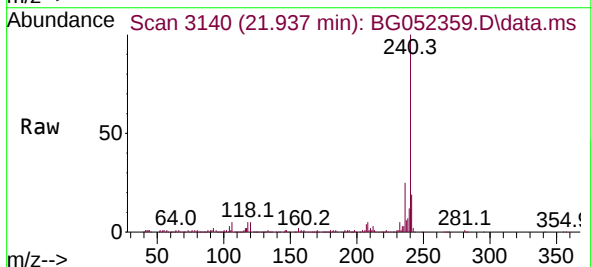
Instrument :
BNA_G
ClientSampleId :
LPBH-2022

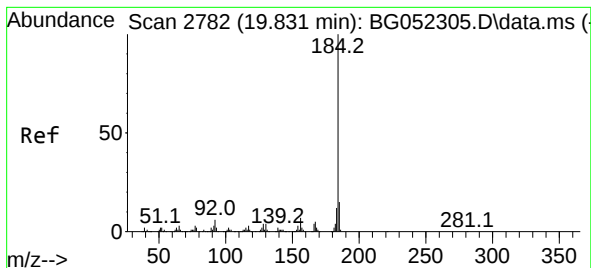
Tgt Ion:248 Resp: 9517
Ion Ratio Lower Upper
248 100
250 176.2 79.6 119.4#
141 480.9 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BG052359.D
Acq: 10 Feb 2022 18:18

Tgt Ion:240 Resp: 187397
Ion Ratio Lower Upper
240 100
120 5.3 4.4 6.6
236 25.5 20.8 31.2





#77

Benzidine

Concen: 2.800 ng

RT: 20.215 min Scan# 2847

Delta R.T. 0.384 min

Lab File: BG052359.D

Acq: 10 Feb 2022 18:18

Instrument :

BNA_G

ClientSampleId :

LPBH-2022

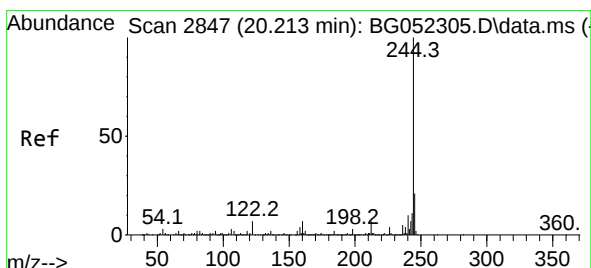
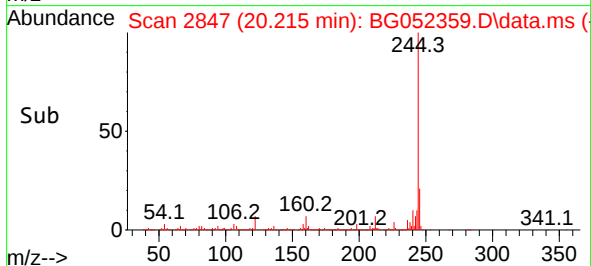
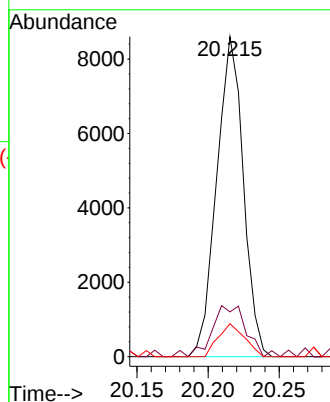
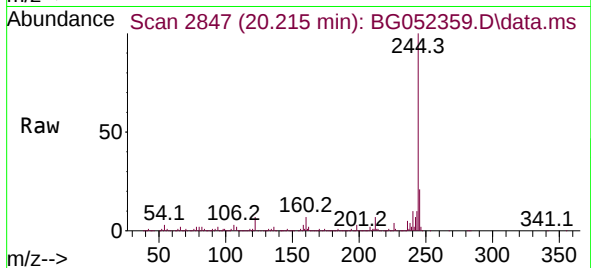
Tgt Ion:184 Resp: 11210

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.8

183 10.3 9.8 14.6



#79

Terphenyl-d14

Concen: 72.032 ng

RT: 20.215 min Scan# 2847

Delta R.T. 0.002 min

Lab File: BG052359.D

Acq: 10 Feb 2022 18:18

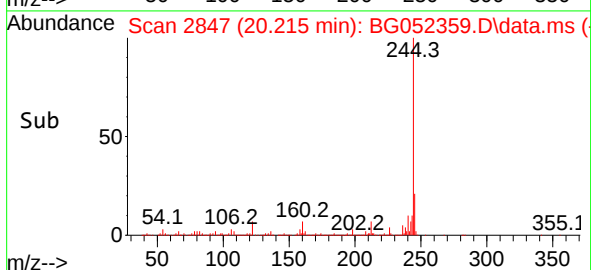
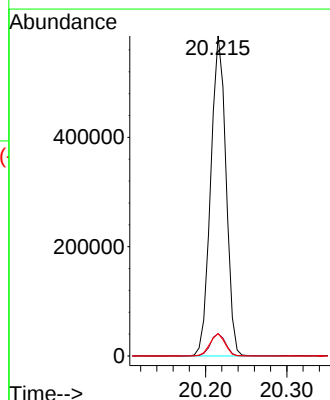
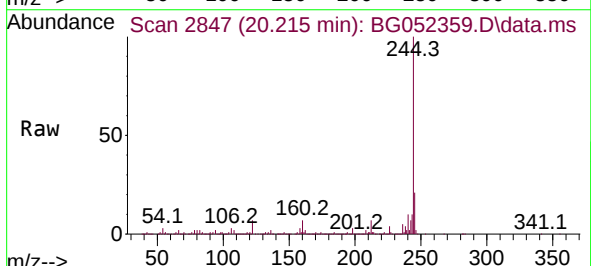
Tgt Ion:244 Resp: 764419

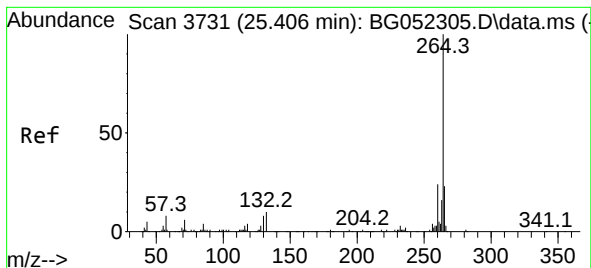
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 7.0 6.2 9.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.408 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG052359.D

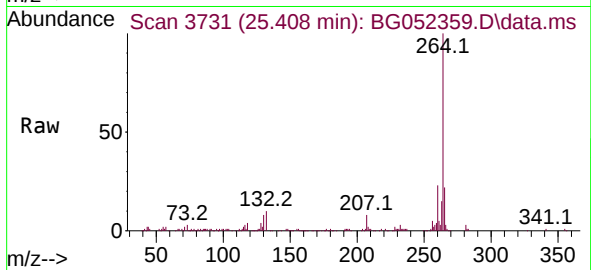
Acq: 10 Feb 2022 18:18

Instrument :

BNA_G

ClientSampleId :

LPBH-2022



Tgt Ion:264 Resp: 192177

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.8 17.8 26.6

