

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052346.D
 Acq On : 9 Feb 2022 22:11
 Operator : CG/JU
 Sample : N1424-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLIND-DUPLICATE

Quant Time: Feb 10 00:09:57 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)

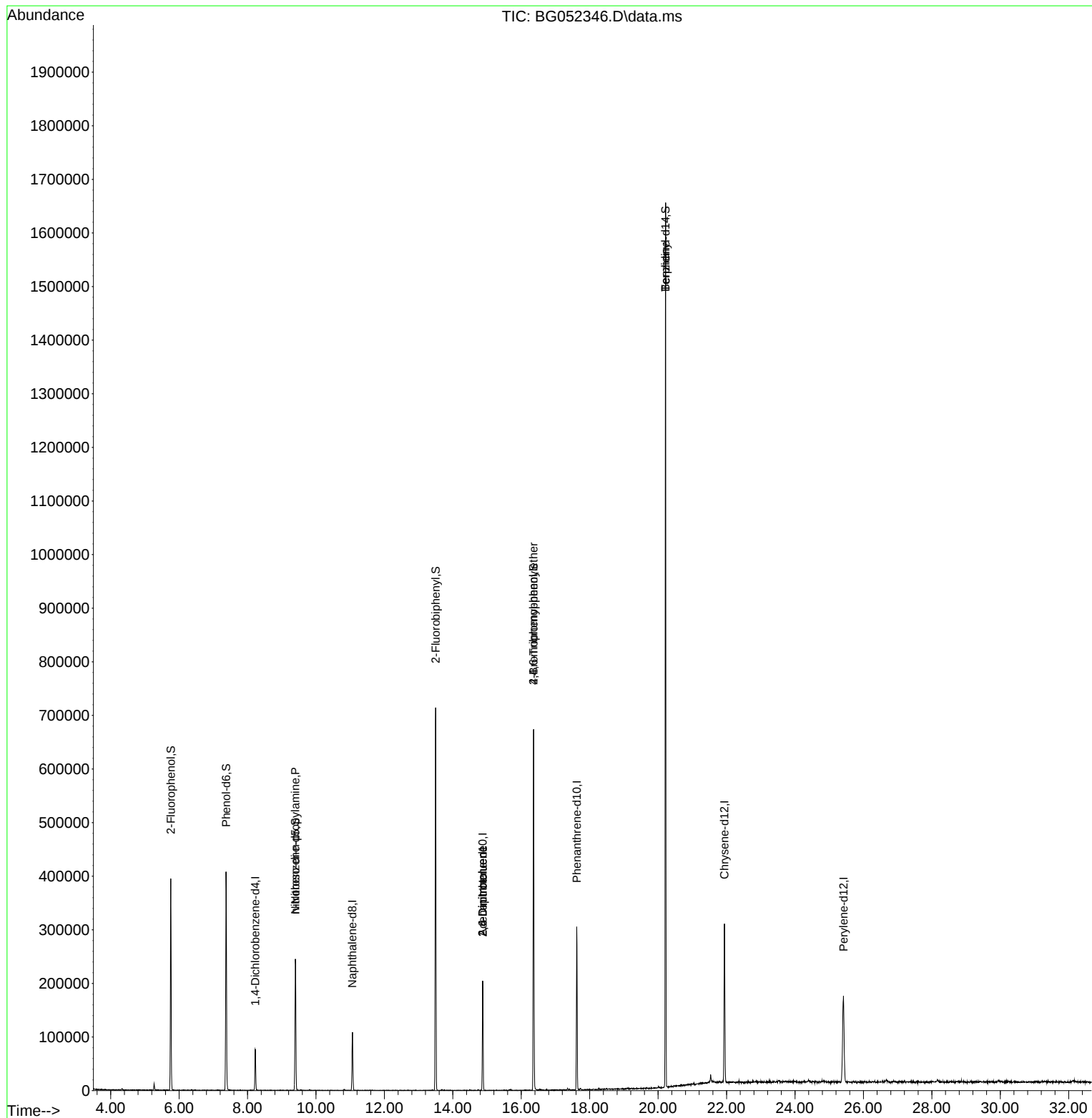
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	22289	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	93457	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	73120	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	195249	20.000	ng	0.00
76) Chrysene-d12	21.939	240	195164	20.000	ng	0.00
86) Perylene-d12	25.417	264	193646	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	156984	122.752	ng	0.00
7) Phenol-d6	7.371	99	228487	115.793	ng	0.00
23) Nitrobenzene-d5	9.397	82	157748	73.359	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	133403	126.992	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	376988	71.641	ng	0.00
79) Terphenyl-d14	20.218	244	803558	72.707	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.365	77	439	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.397	70	21586	14.511	ng	# 78
51) 2,6-Dinitrotoluene	14.872	165	9984	8.260	ng	# 16
57) 2,4-Dinitrotoluene	14.872	165	9984	5.803	ng	# 15
67) 4-Bromophenyl-phenylether	16.359	248	8910	3.752	ng	# 1
77) Benzidine	20.218	184	12162	2.916	ng	# 92

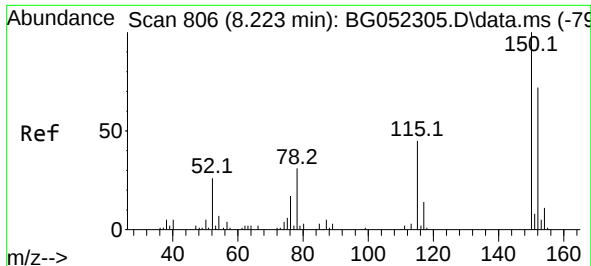
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

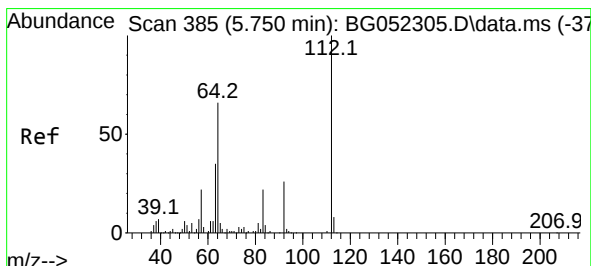
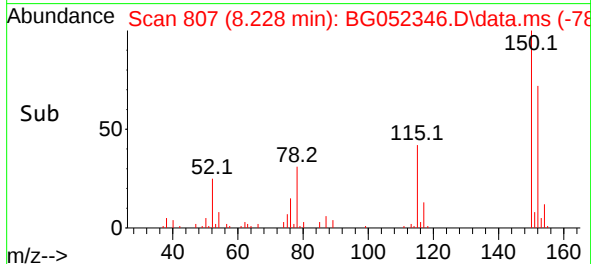
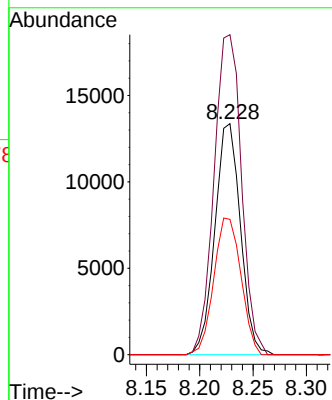
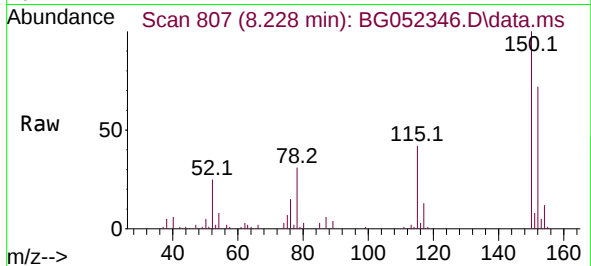




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 806
Delta R.T. 0.005 min
Lab File: BG052346.D
Acq: 9 Feb 2022 22:11

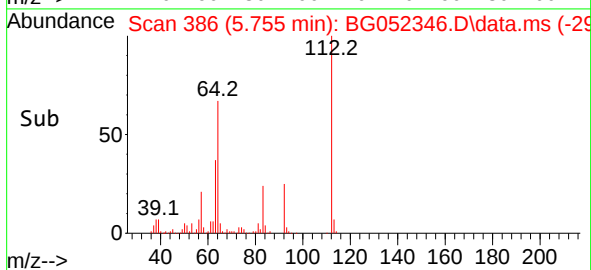
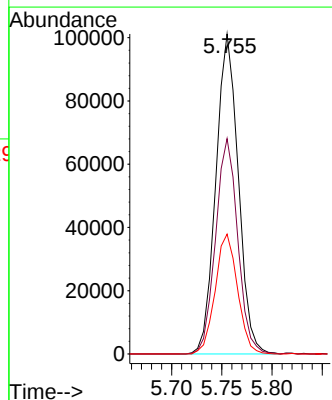
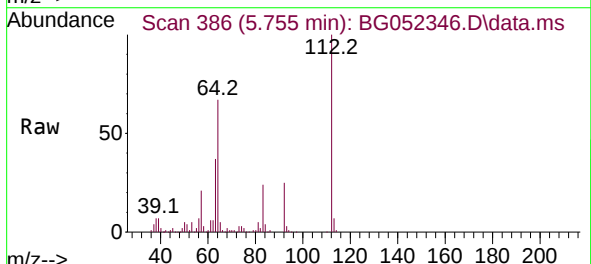
Instrument :
BNA_G
ClientSampleId :
BLIND-DUPLICATE

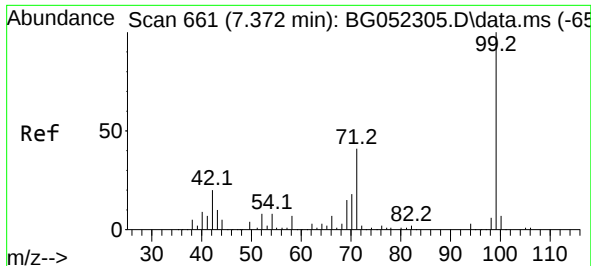
Tgt Ion:152 Resp: 22289
Ion Ratio Lower Upper
152 100
150 138.5 117.8 176.8
115 58.6 50.2 75.2



#5
2-Fluorophenol
Concen: 122.752 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052346.D
Acq: 9 Feb 2022 22:11

Tgt Ion:112 Resp: 156984
Ion Ratio Lower Upper
112 100
64 67.3 60.4 90.6
63 37.4 33.3 49.9

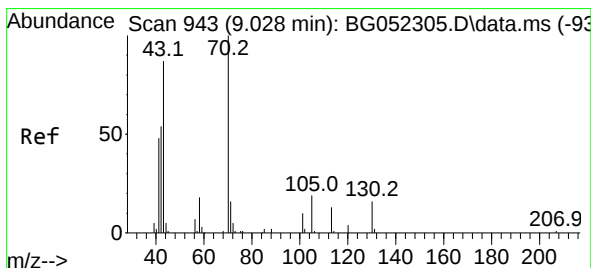
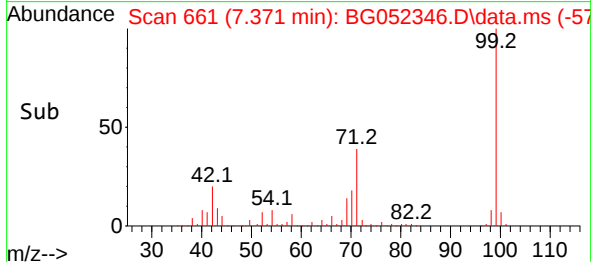
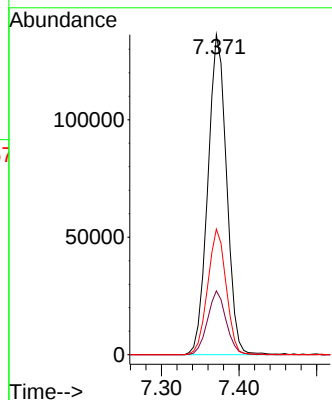
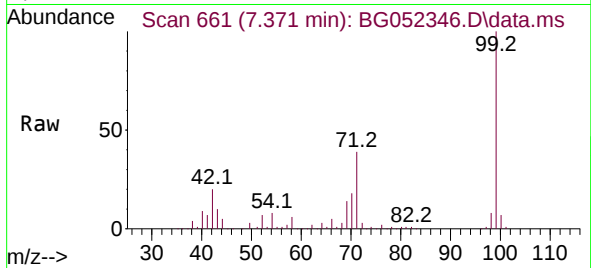




#7
Phenol-d6
Concen: 115.793 ng
RT: 7.371 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG052346.D
Acq: 9 Feb 2022 22:11

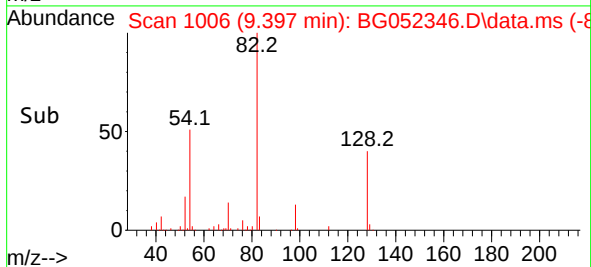
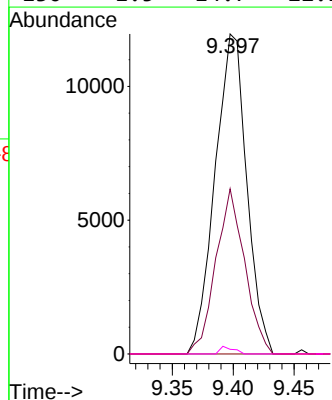
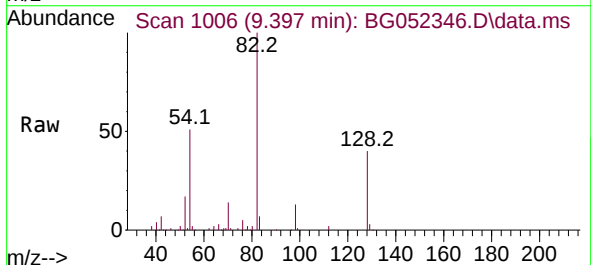
Instrument :
BNA_G
ClientSampleId :
BLIND-DUPLICATE

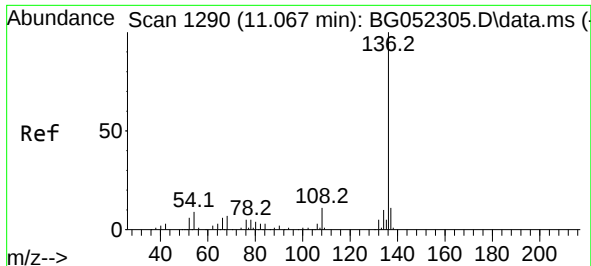
Tgt Ion: 99 Resp: 228487
Ion Ratio Lower Upper
99 100
42 20.0 19.1 28.7
71 39.3 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.511 ng
RT: 9.397 min Scan# 1006
Delta R.T. 0.369 min
Lab File: BG052346.D
Acq: 9 Feb 2022 22:11

Tgt Ion: 70 Resp: 21586
Ion Ratio Lower Upper
70 100
42 51.6 51.8 77.6#
101 0.0 6.6 10.0#
130 1.5 14.7 22.1#

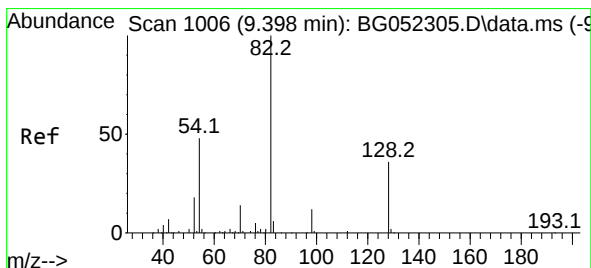
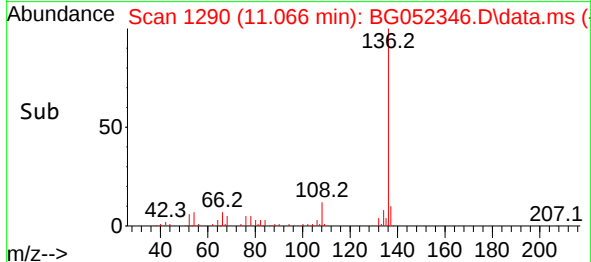
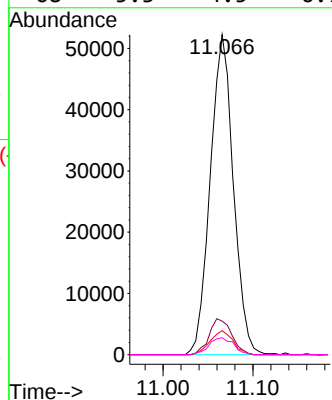
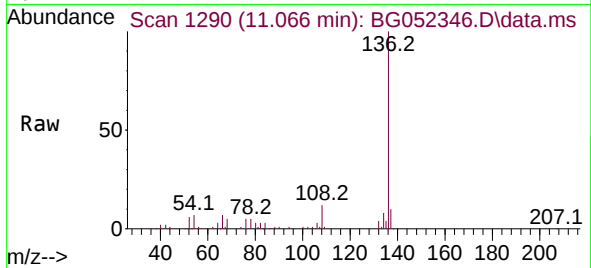




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1106
Delta R.T. -0.001 min
Lab File: BG052346.D
Acq: 9 Feb 2022 22:11

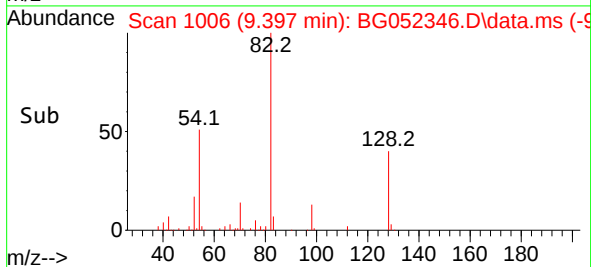
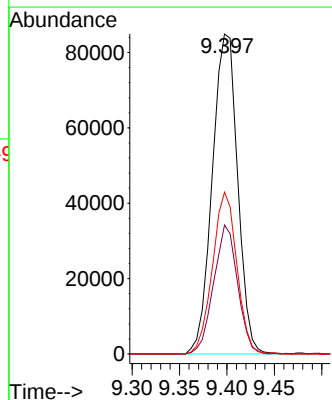
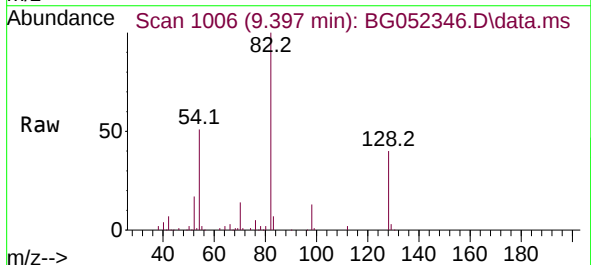
Instrument :
BNA_G
ClientSampleId :
BLIND-DUPLICATE

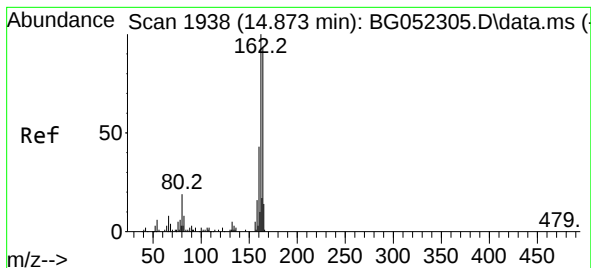
Tgt Ion:	136	Resp:	93457
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	7.5	8.3	12.5
68	5.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 73.359 ng
RT: 9.397 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052346.D
Acq: 9 Feb 2022 22:11

Tgt Ion:	82	Resp:	157748
Ion	Ratio	Lower	Upper
82	100		
128	40.3	27.0	40.4
54	50.5	41.0	61.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.872 min Scan# 1938

Delta R.T. -0.001 min

Lab File: BG052346.D

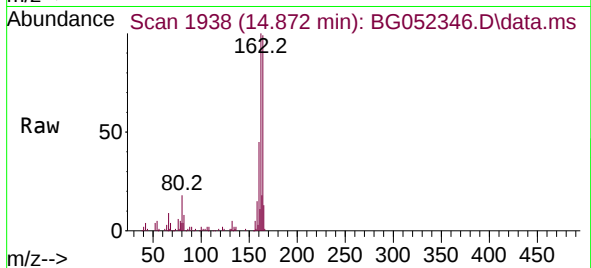
Acq: 9 Feb 2022 22:11

Instrument :

BNA_G

ClientSampleId :

BLIND-DUPLICATE



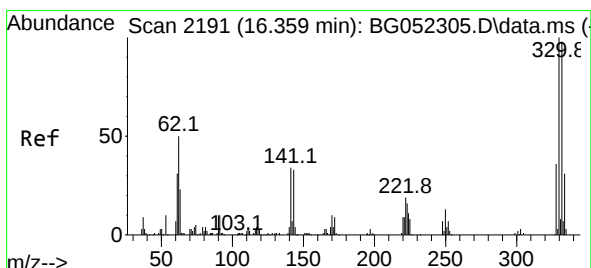
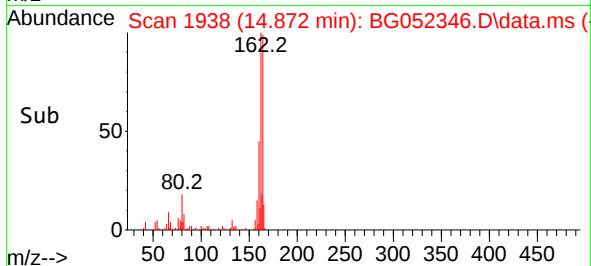
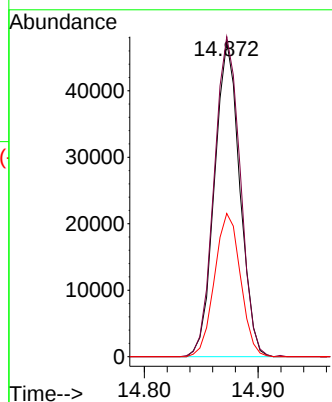
Tgt Ion:164 Resp: 73120

Ion Ratio Lower Upper

164 100

162 101.4 82.2 123.2

160 45.4 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 126.992 ng

RT: 16.359 min Scan# 2191

Delta R.T. -0.000 min

Lab File: BG052346.D

Acq: 9 Feb 2022 22:11

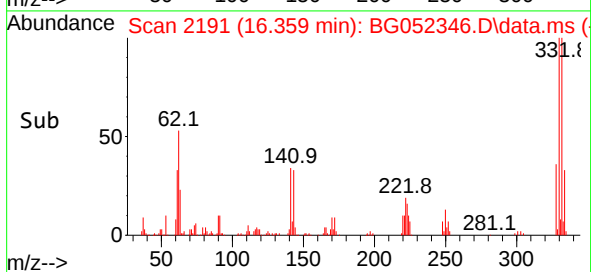
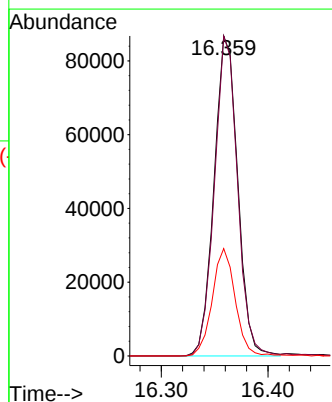
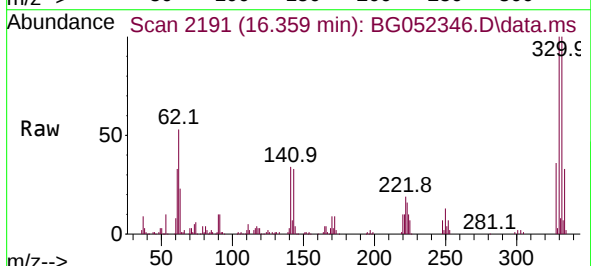
Tgt Ion:330 Resp: 133403

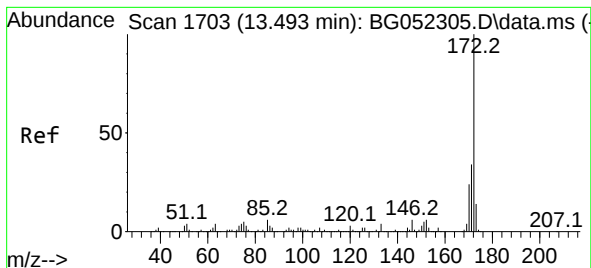
Ion Ratio Lower Upper

330 100

332 98.0 78.6 117.8

141 32.8 28.8 43.2

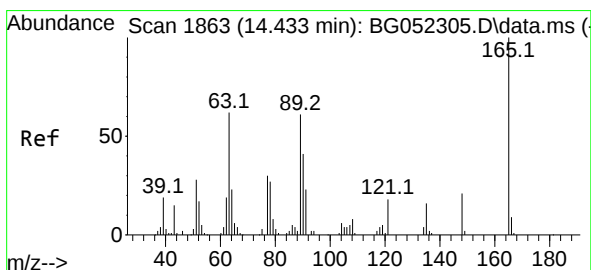
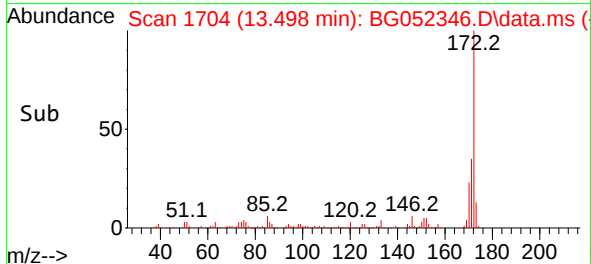
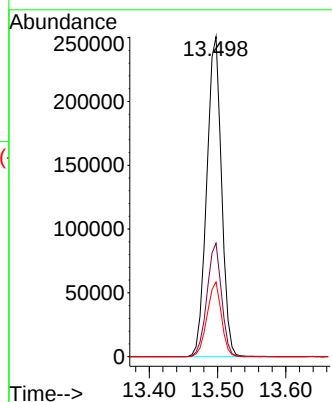
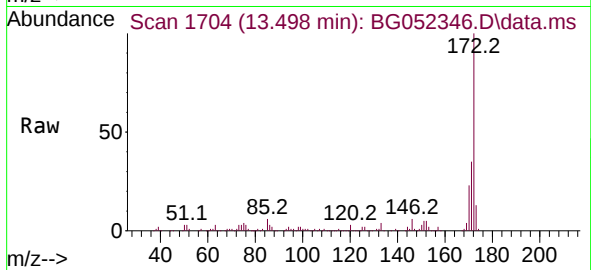




#45
2-Fluorobiphenyl
Concen: 71.641 ng
RT: 13.498 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG052346.D
Acq: 9 Feb 2022 22:11

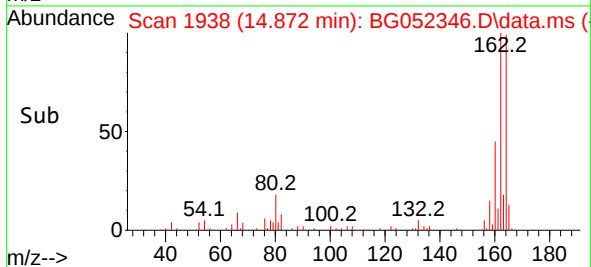
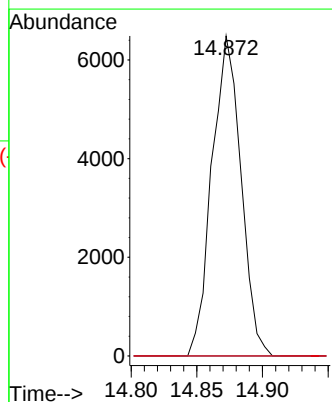
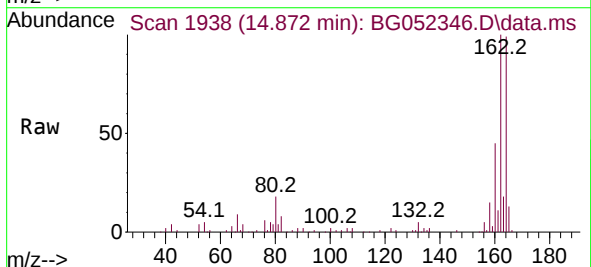
Instrument :
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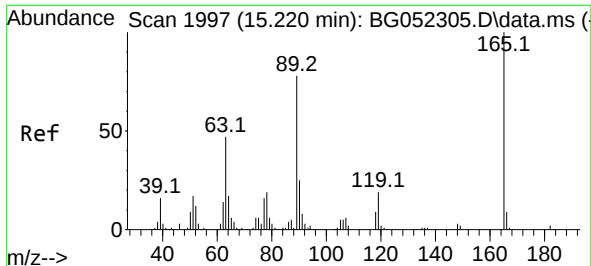
Tgt Ion:172 Resp: 376988
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.260 ng
RT: 14.872 min Scan# 1938
Delta R.T. 0.440 min
Lab File: BG052346.D
Acq: 9 Feb 2022 22:11

Tgt Ion:165 Resp: 9984
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.803 ng

RT: 14.872 min Scan# 1997

Delta R.T. -0.347 min

Lab File: BG052346.D

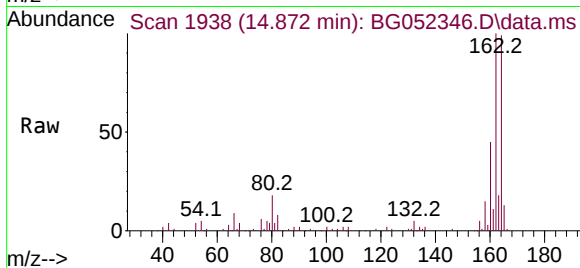
Acq: 9 Feb 2022 22:11

Instrument :

BNA_G

ClientSampleId :

BLIND-DUPLICATE



Tgt Ion:165 Resp: 9984

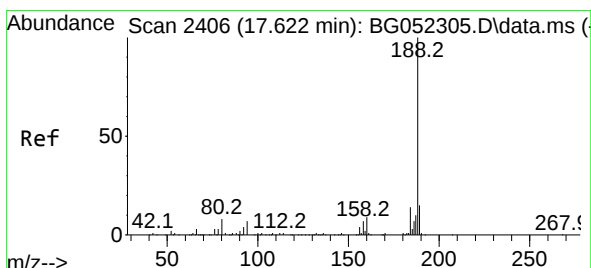
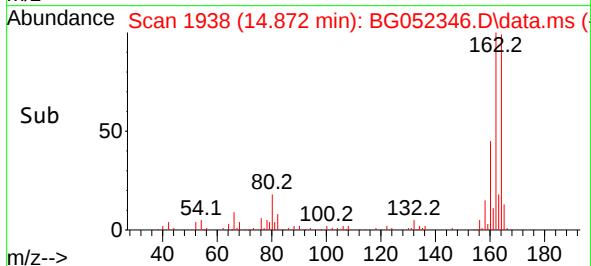
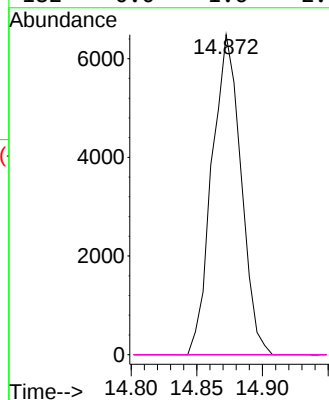
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 0.0 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.622 min Scan# 2406

Delta R.T. -0.001 min

Lab File: BG052346.D

Acq: 9 Feb 2022 22:11

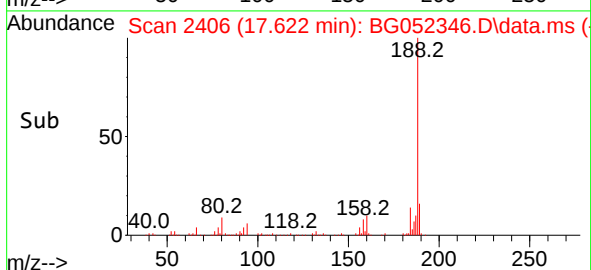
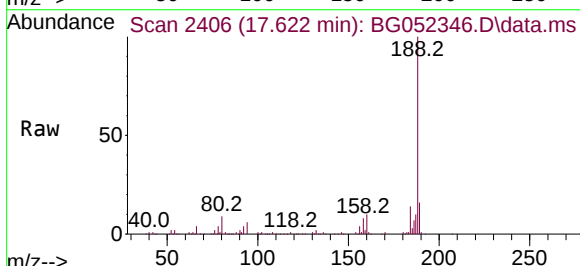
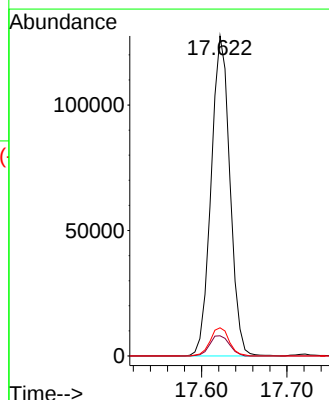
Tgt Ion:188 Resp: 195249

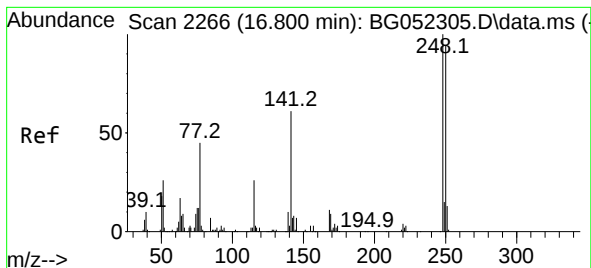
Ion Ratio Lower Upper

188 100

94 6.3 5.9 8.9

80 8.8 6.6 10.0

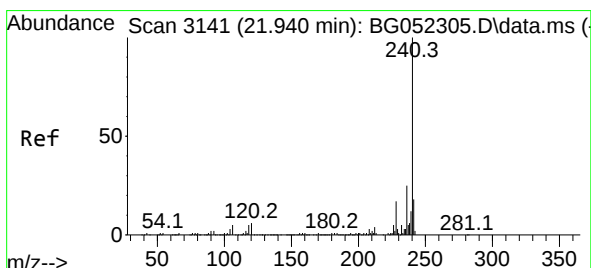
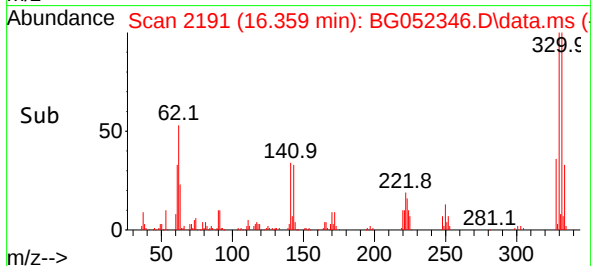
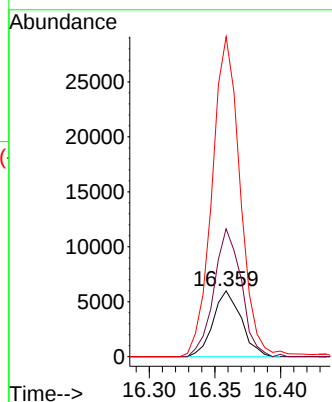
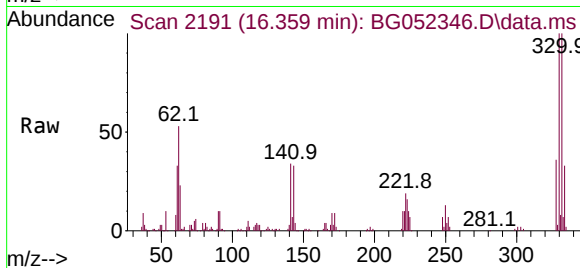




#67
4-Bromophenyl-phenylether
Concen: 3.752 ng
RT: 16.359 min Scan# 21191
Delta R.T. -0.441 min
Lab File: BG052346.D
Acq: 9 Feb 2022 22:11

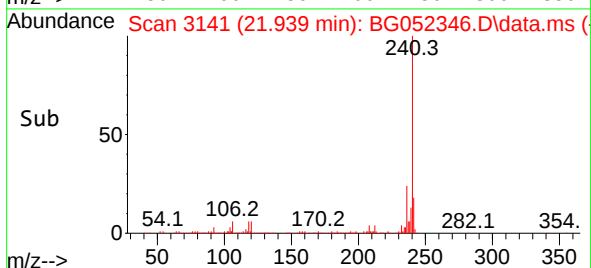
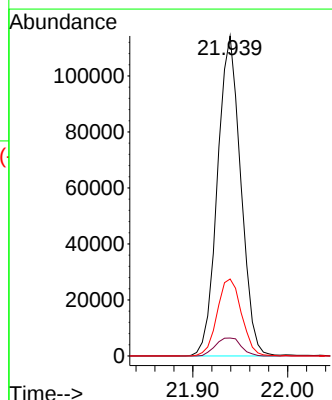
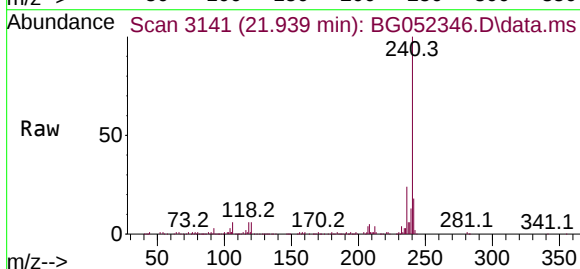
Instrument :
BNA_G
ClientSampleId :
BLIND-DUPLICATE

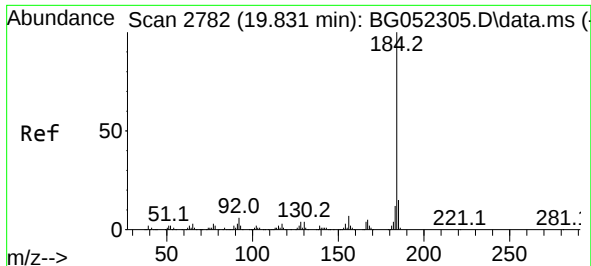
Tgt Ion:248 Resp: 8910
Ion Ratio Lower Upper
248 100
250 194.3 79.6 119.4#
141 486.0 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BG052346.D
Acq: 9 Feb 2022 22:11

Tgt Ion:240 Resp: 195164
Ion Ratio Lower Upper
240 100
120 5.6 4.4 6.6
236 24.0 20.8 31.2

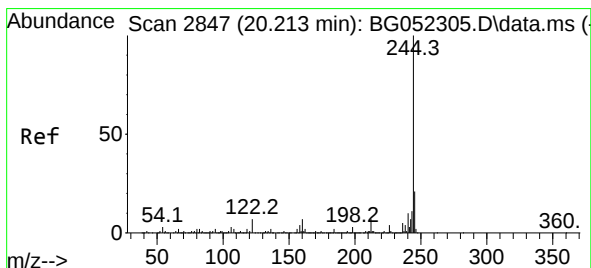
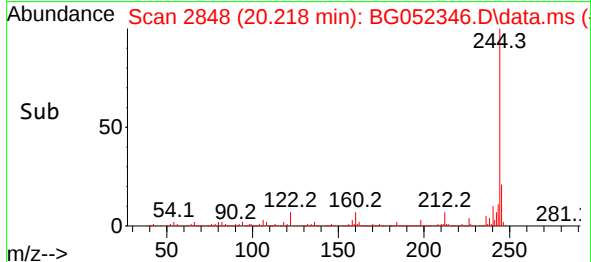
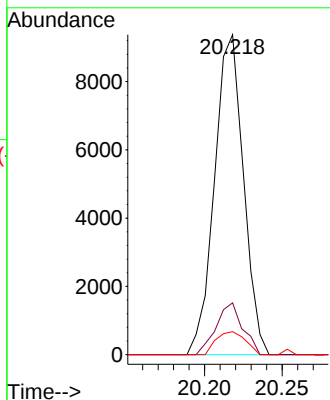
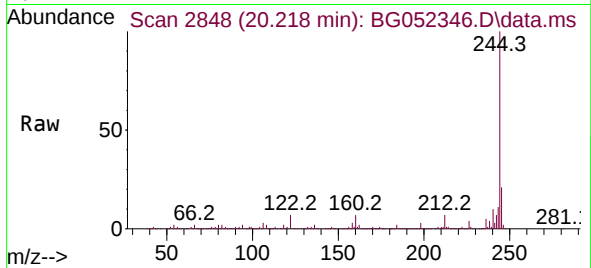




#77
Benzidine
Concen: 2.916 ng
RT: 20.218 min Scan# 21
Delta R.T. 0.387 min
Lab File: BG052346.D
Acq: 9 Feb 2022 22:11

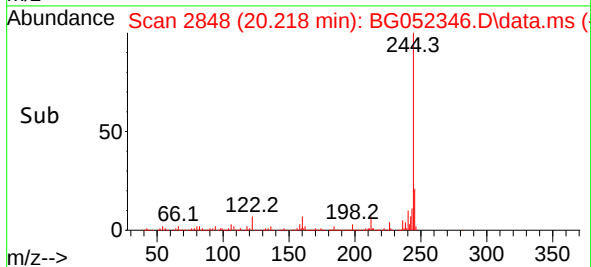
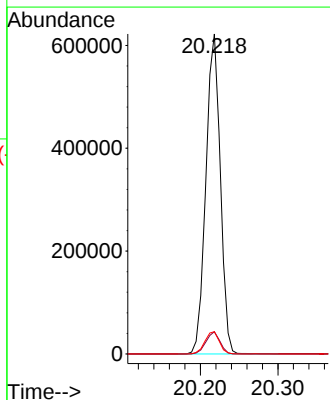
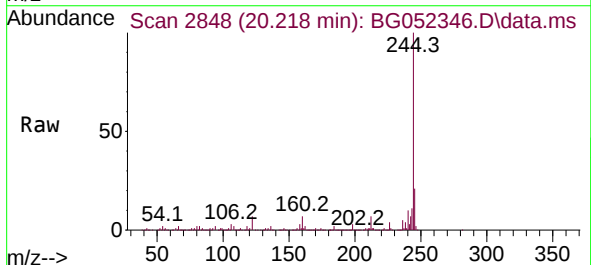
Instrument :
BNA_G
ClientSampleId :
BLIND-DUPLICATE

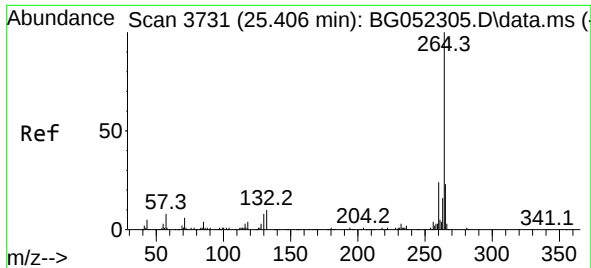
Tgt Ion:184 Resp: 12162
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.8
183 7.2 9.8 14.6#



#79
Terphenyl-d14
Concen: 72.707 ng
RT: 20.218 min Scan# 2848
Delta R.T. 0.005 min
Lab File: BG052346.D
Acq: 9 Feb 2022 22:11

Tgt Ion:244 Resp: 803558
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 6.9 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.417 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG052346.D
Acq: 9 Feb 2022 22:11

Instrument :
BNA_G
ClientSampleId :
BLIND-DUPLICATE

Tgt Ion:264 Resp: 193646
Ion Ratio Lower Upper
264 100
260 21.9 18.5 27.7
265 22.4 17.8 26.6

