

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
 Data File : BG052532.D
 Acq On : 2 Mar 2022 11:02
 Operator : CG/JU
 Sample : PB142974BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142974BL

Quant Time: Mar 03 02:24:58 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)

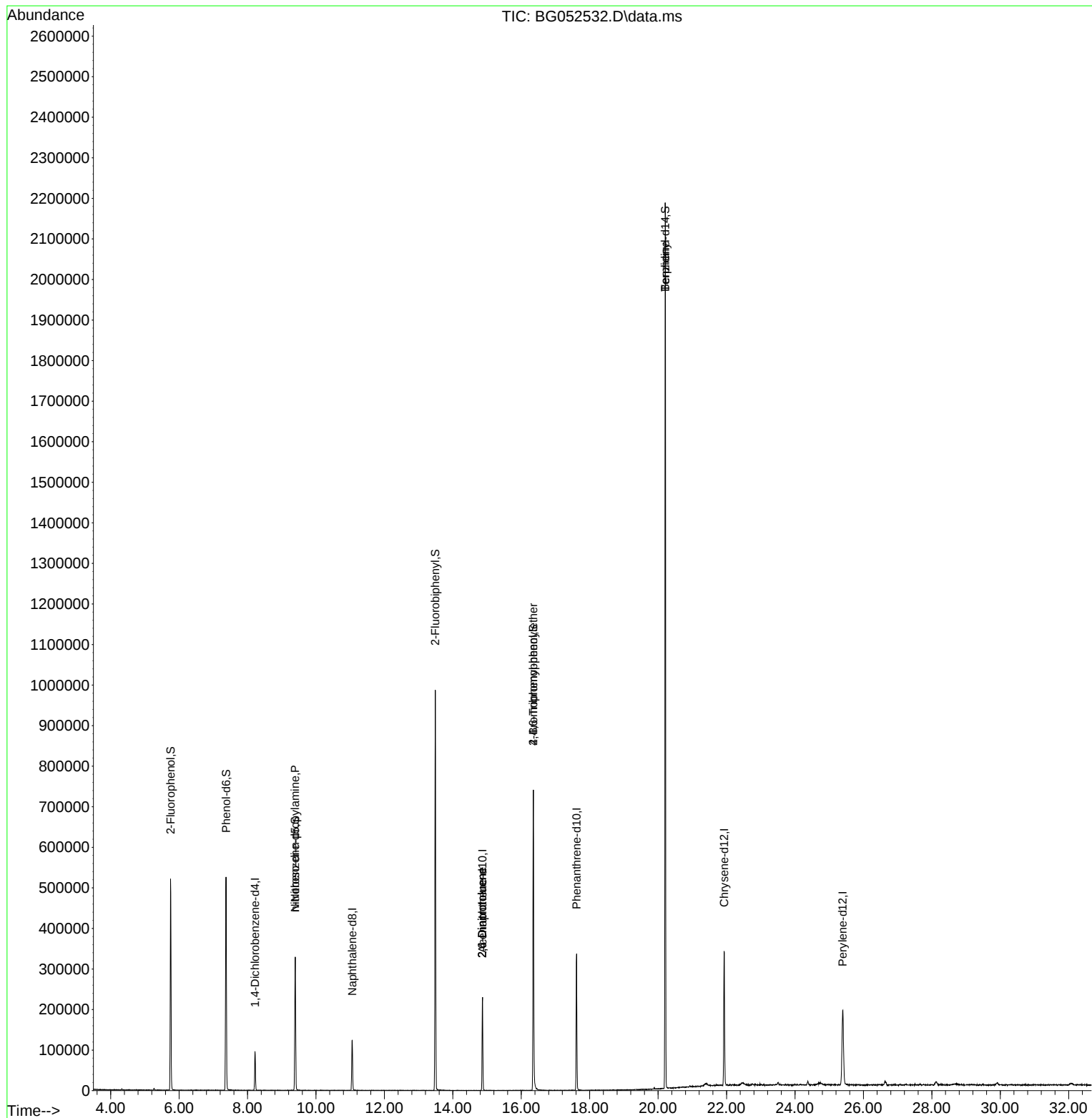
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	28181	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	112372	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	84807	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	221137	20.000	ng	0.00
76) Chrysene-d12	21.928	240	233617	20.000	ng	#-0.01
86) Perylene-d12	25.394	264	226356	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	225624	139.538	ng	0.00
7) Phenol-d6	7.371	99	313356	125.601	ng	0.00
23) Nitrobenzene-d5	9.392	82	213143	82.435	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	166008	136.252	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	530939	86.992	ng	0.00
79) Terphenyl-d14	20.212	244	1162562	87.876	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.371	77	522	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.392	70	29264	15.559	ng	# 77
51) 2,6-Dinitrotoluene	14.861	165	11632	8.297	ng	# 16
57) 2,4-Dinitrotoluene	14.861	165	11632	5.830	ng	# 15
67) 4-Bromophenyl-phenylether	16.353	248	10592	3.939	ng	# 1
77) Benzidine	20.207	184	16272	3.260	ng	# 91

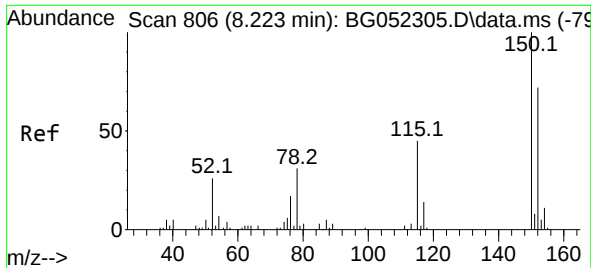
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
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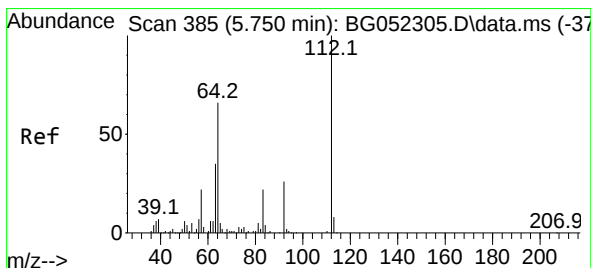
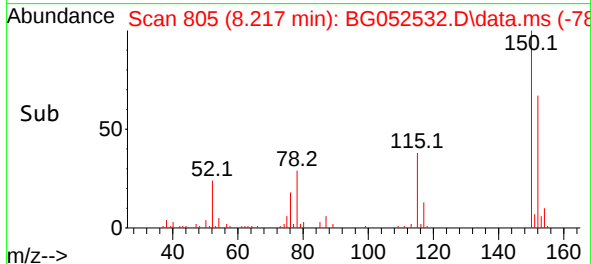
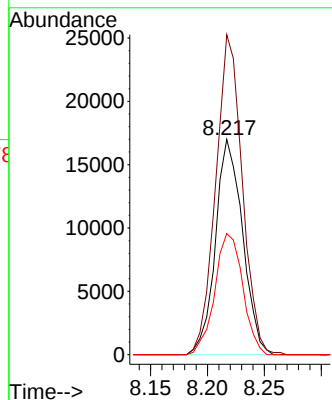
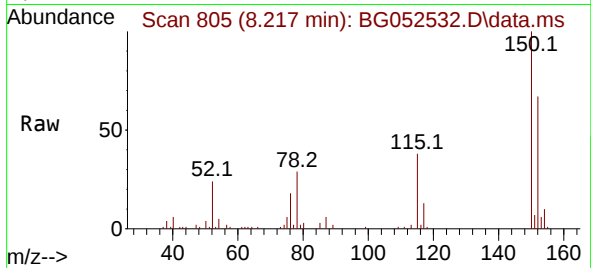




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG052532.D
Acq: 2 Mar 2022 11:02

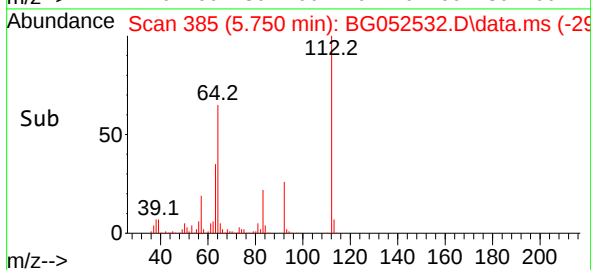
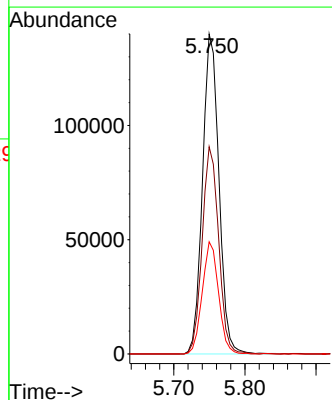
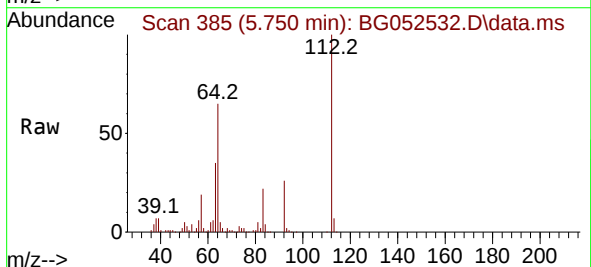
Instrument :
BNA_G
ClientSampleId :
PB142974BL

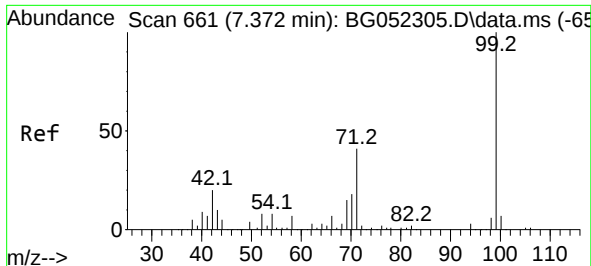
Tgt Ion:152 Resp: 28181
Ion Ratio Lower Upper
152 100
150 148.6 117.8 176.8
115 56.3 50.2 75.2



#5
2-Fluorophenol
Concen: 139.538 ng
RT: 5.750 min Scan# 385
Delta R.T. -0.001 min
Lab File: BG052532.D
Acq: 2 Mar 2022 11:02

Tgt Ion:112 Resp: 225624
Ion Ratio Lower Upper
112 100
64 64.7 60.4 90.6
63 35.1 33.3 49.9

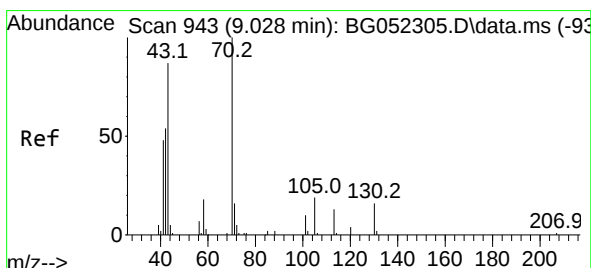
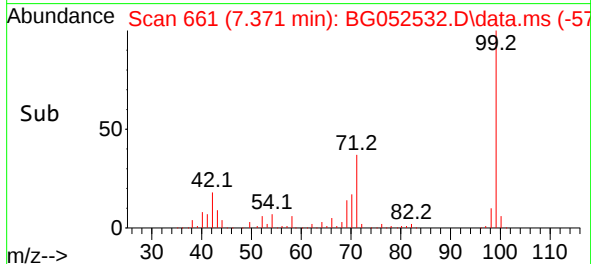
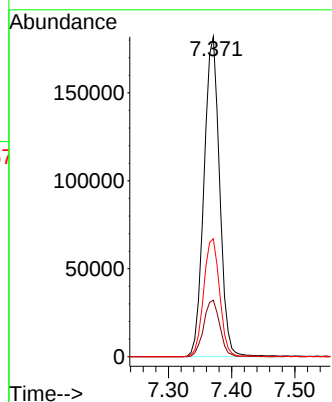
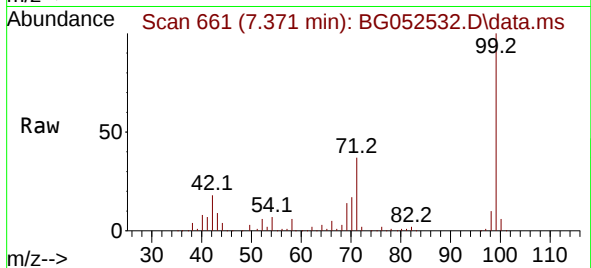




#7
Phenol-d6
Concen: 125.601 ng
RT: 7.371 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG052532.D
Acq: 2 Mar 2022 11:02

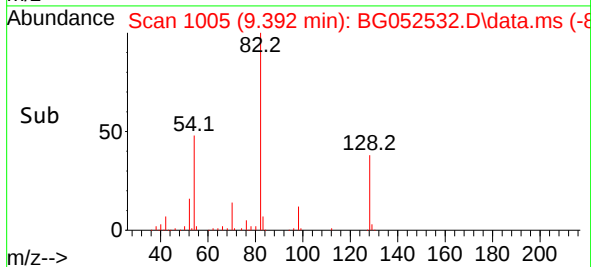
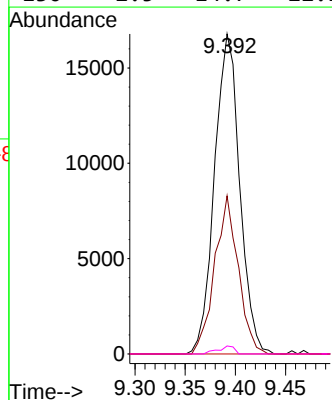
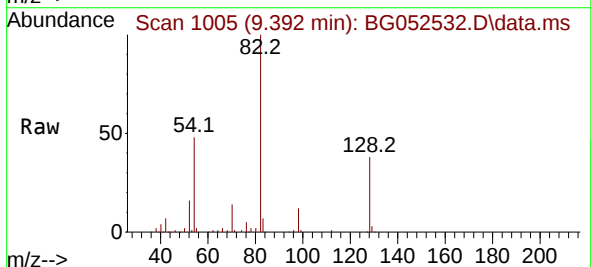
Instrument :
BNA_G
ClientSampleId :
PB142974BL

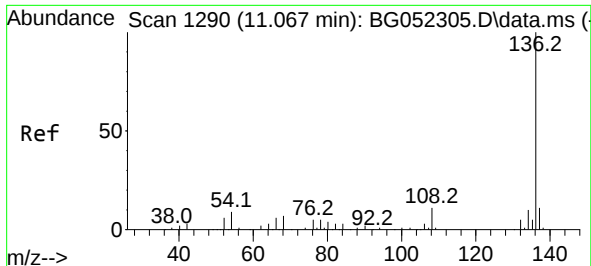
Tgt Ion: 99 Resp: 313356
Ion Ratio Lower Upper
99 100
42 17.7 19.1 28.7#
71 36.9 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.559 ng
RT: 9.392 min Scan# 1005
Delta R.T. 0.364 min
Lab File: BG052532.D
Acq: 2 Mar 2022 11:02

Tgt Ion: 70 Resp: 29264
Ion Ratio Lower Upper
70 100
42 49.4 51.8 77.6#
101 0.0 6.6 10.0#
130 2.5 14.7 22.1#

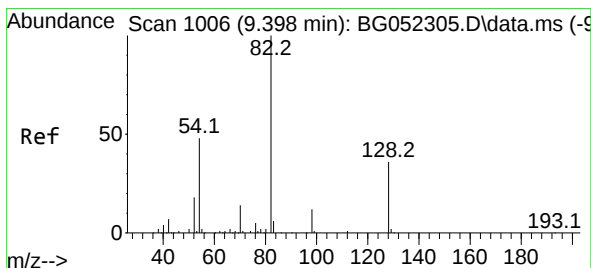
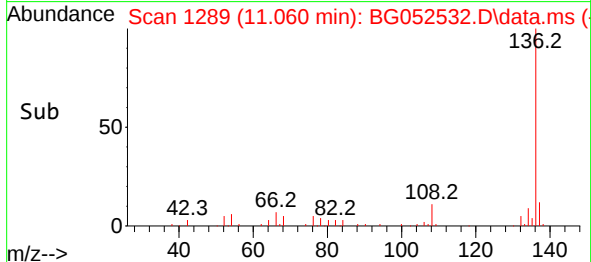
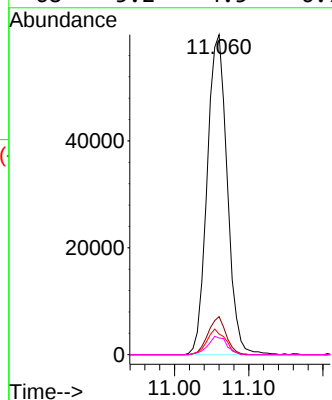
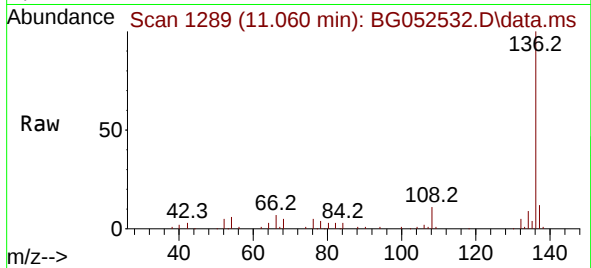




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG052532.D
Acq: 2 Mar 2022 11:02

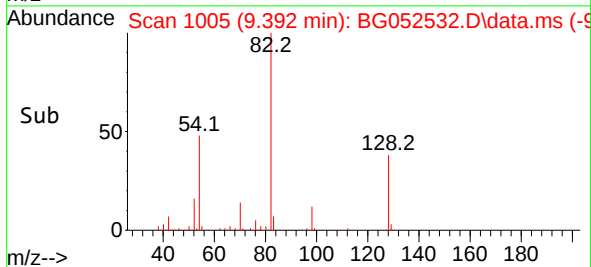
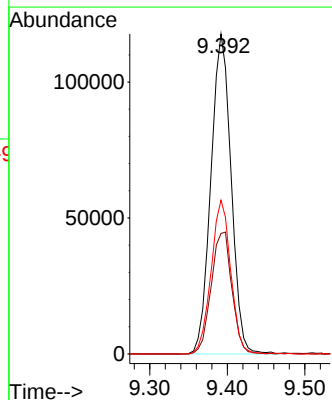
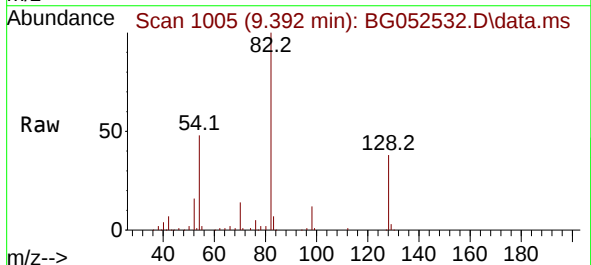
Instrument :
BNA_G
ClientSampleId :
PB142974BL

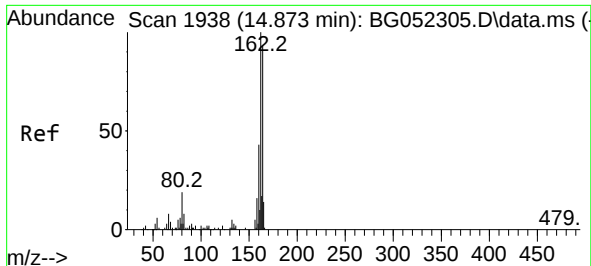
Tgt Ion:136 Resp: 112372
Ion Ratio Lower Upper
136 100
137 11.9 9.1 13.7
54 6.5 8.3 12.5#
68 5.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 82.435 ng
RT: 9.392 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BG052532.D
Acq: 2 Mar 2022 11:02

Tgt Ion: 82 Resp: 213143
Ion Ratio Lower Upper
82 100
128 37.6 27.0 40.4
54 48.0 41.0 61.6

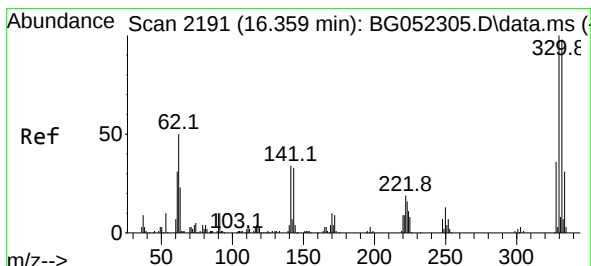
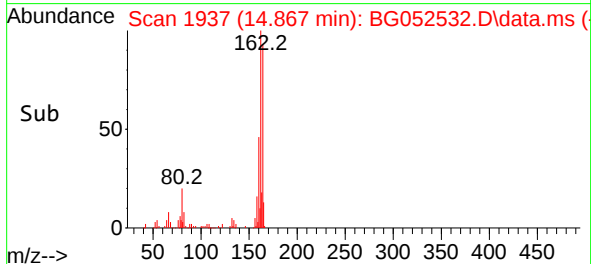
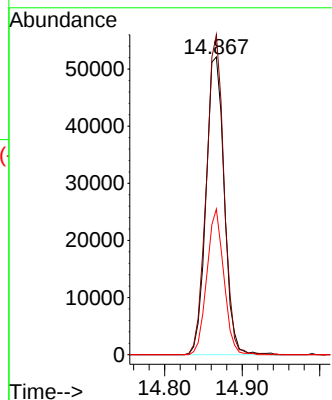
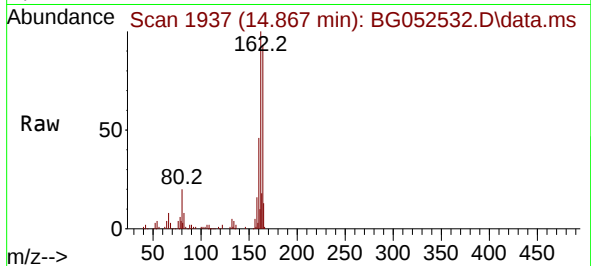




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG052532.D
Acq: 2 Mar 2022 11:02

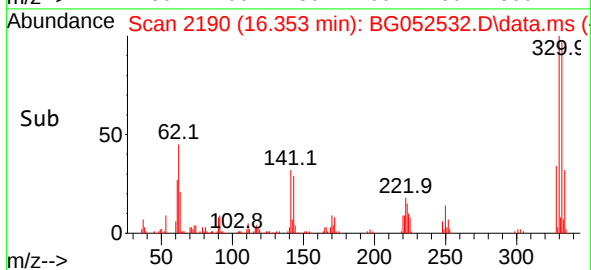
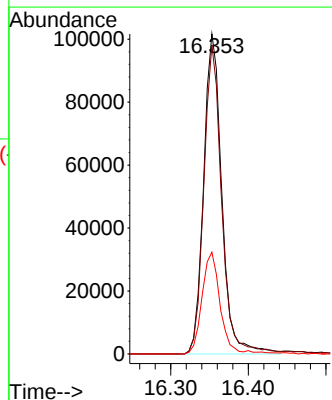
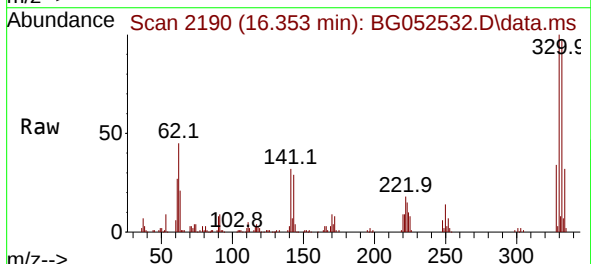
Instrument :
BNA_G
ClientSampleId :
PB142974BL

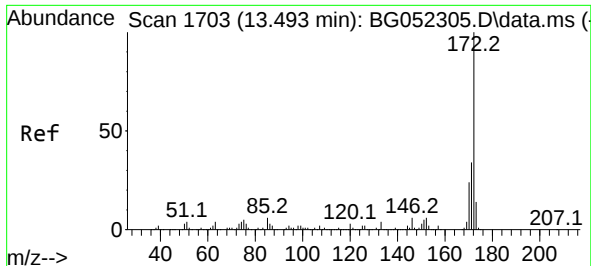
Tgt Ion:164 Resp: 84807
Ion Ratio Lower Upper
164 100
162 107.4 82.2 123.2
160 48.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 136.252 ng
RT: 16.353 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG052532.D
Acq: 2 Mar 2022 11:02

Tgt Ion:330 Resp: 166008
Ion Ratio Lower Upper
330 100
332 95.9 78.6 117.8
141 31.0 28.8 43.2

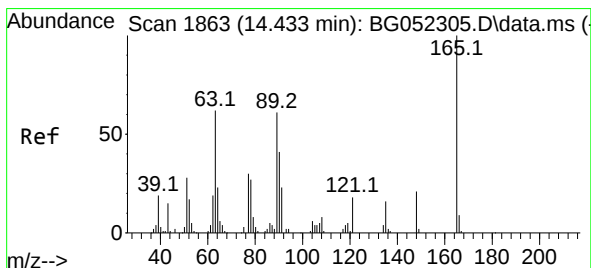
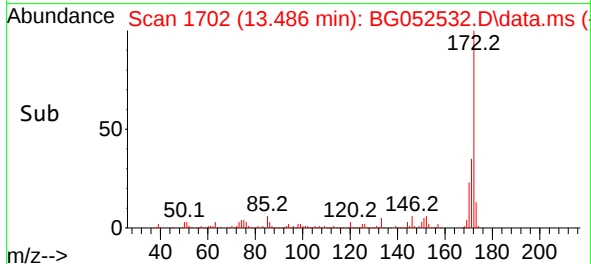
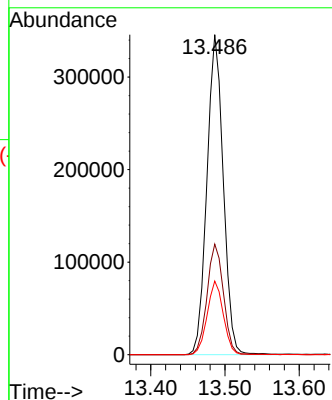
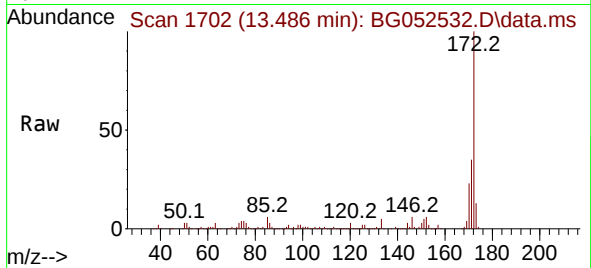




#45
2-Fluorobiphenyl
Concen: 86.992 ng
RT: 13.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052532.D
Acq: 2 Mar 2022 11:02

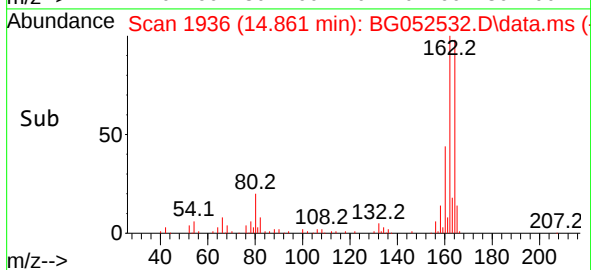
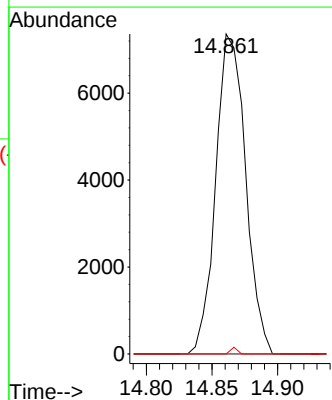
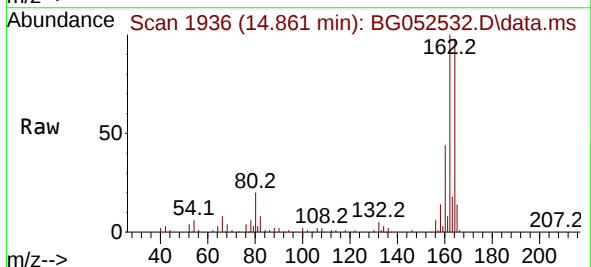
Instrument :
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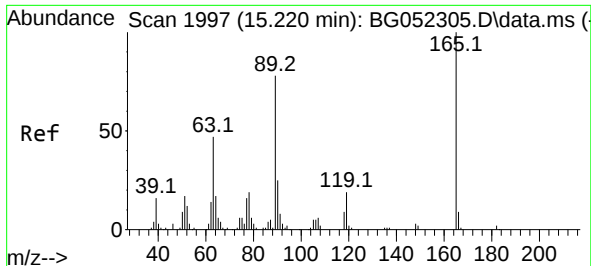
Tgt Ion:172 Resp: 530939
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.0 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.297 ng
RT: 14.861 min Scan# 1936
Delta R.T. 0.428 min
Lab File: BG052532.D
Acq: 2 Mar 2022 11:02

Tgt Ion:165 Resp: 11632
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: 5.830 ng

RT: 14.861 min Scan# 1997

Delta R.T. -0.359 min

Lab File: BG052532.D

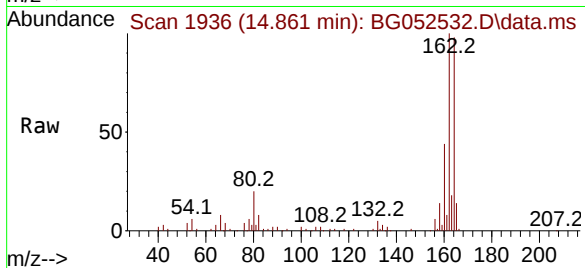
Acq: 2 Mar 2022 11:02

Instrument :

BNA_G

ClientSampleId :

PB142974BL



Tgt Ion:165 Resp: 11632

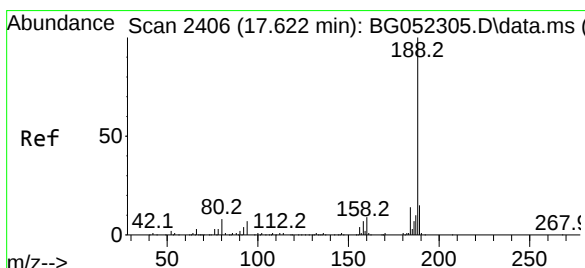
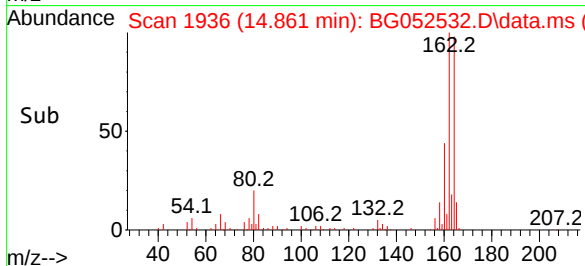
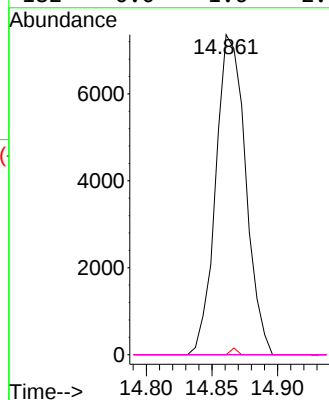
Ion Ratio Lower Upper

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: 17.616 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BG052532.D

Acq: 2 Mar 2022 11:02

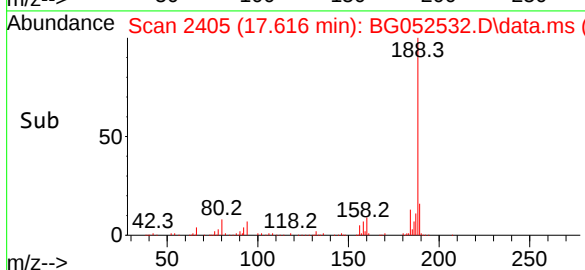
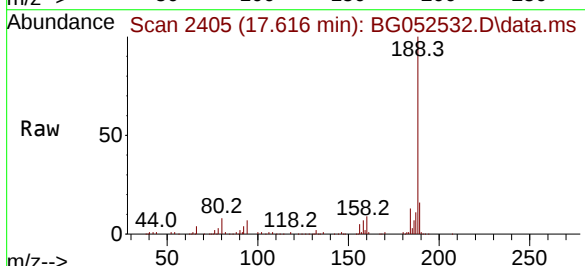
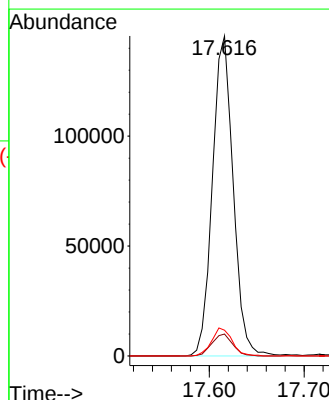
Tgt Ion:188 Resp: 221137

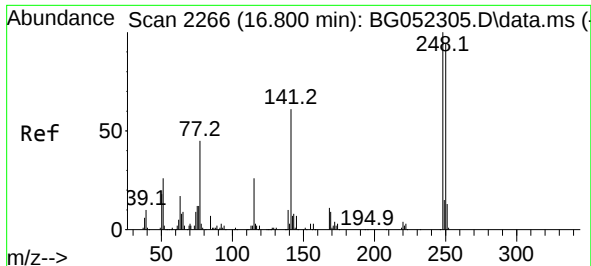
Ion Ratio Lower Upper

188 100

94 6.9 5.9 8.9

80 8.0 6.6 10.0

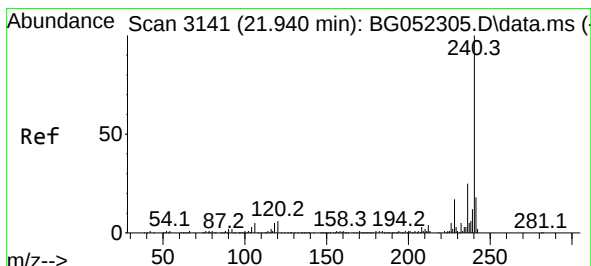
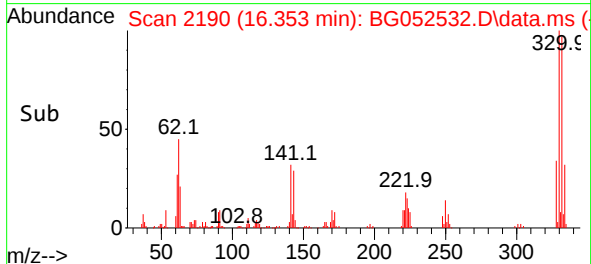
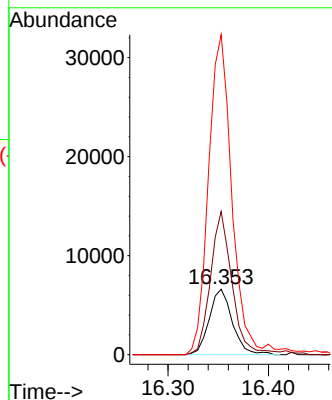
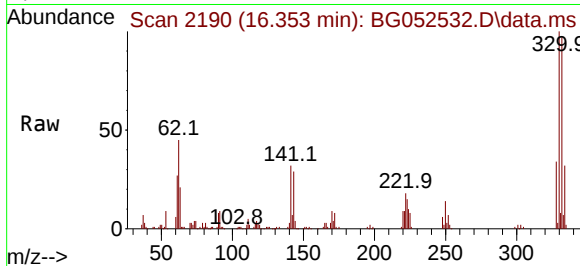




#67
4-Bromophenyl-phenylether
Concen: 3.939 ng
RT: 16.353 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG052532.D
Acq: 2 Mar 2022 11:02

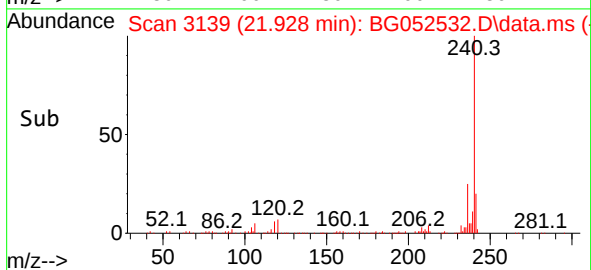
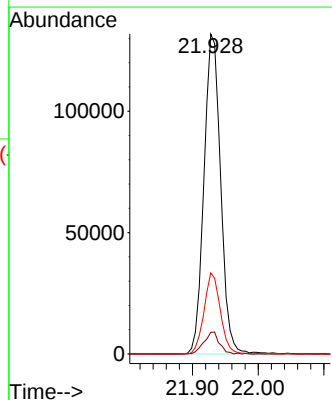
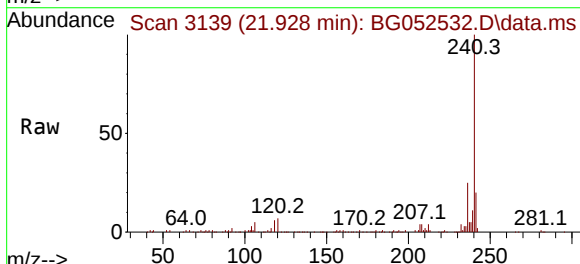
Instrument :
BNA_G
ClientSampleId :
PB142974BL

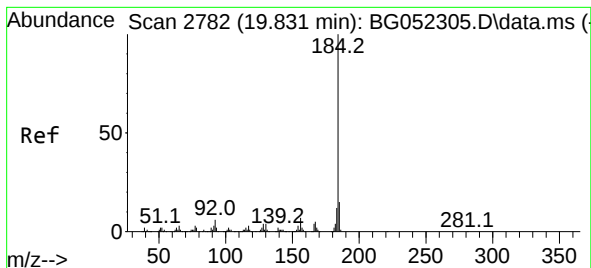
Tgt Ion:248 Resp: 10592
Ion Ratio Lower Upper
248 100
250 218.9 79.6 119.4#
141 489.2 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG052532.D
Acq: 2 Mar 2022 11:02

Tgt Ion:240 Resp: 233617
Ion Ratio Lower Upper
240 100
120 6.8 4.4 6.6#
236 25.4 20.8 31.2





#77

Benzidine

Concen: 3.260 ng

RT: 20.207 min Scan# 21

Delta R.T. 0.375 min

Lab File: BG052532.D

Acq: 2 Mar 2022 11:02

Instrument :

BNA_G

ClientSampleId :

PB142974BL

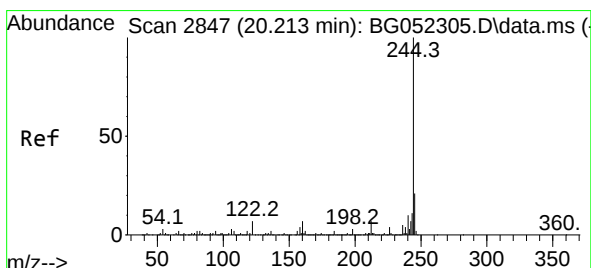
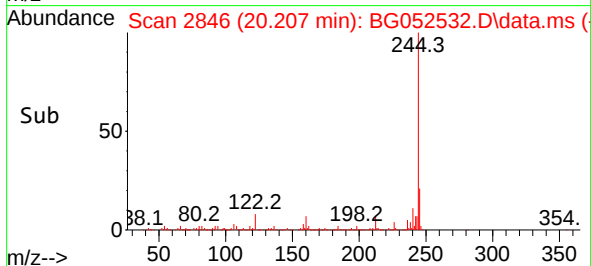
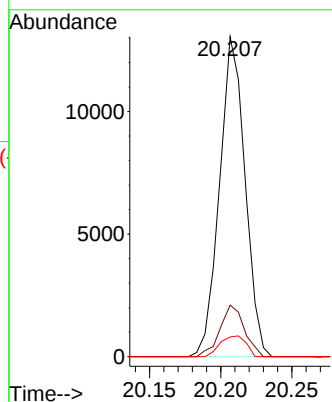
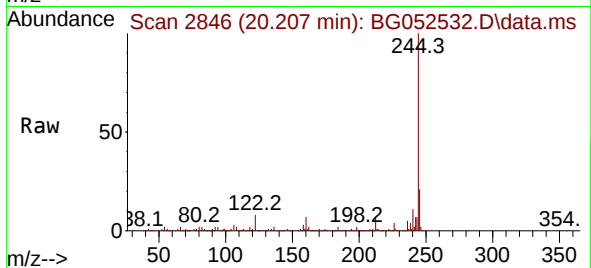
Tgt Ion:184 Resp: 16272

Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.8

183 6.1 9.8 14.6#



#79

Terphenyl-d14

Concen: 87.876 ng

RT: 20.212 min Scan# 2847

Delta R.T. -0.001 min

Lab File: BG052532.D

Acq: 2 Mar 2022 11:02

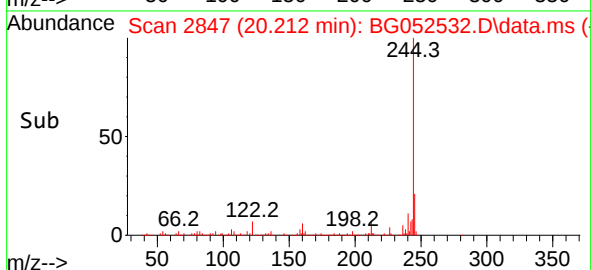
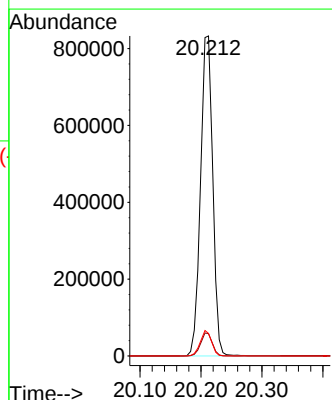
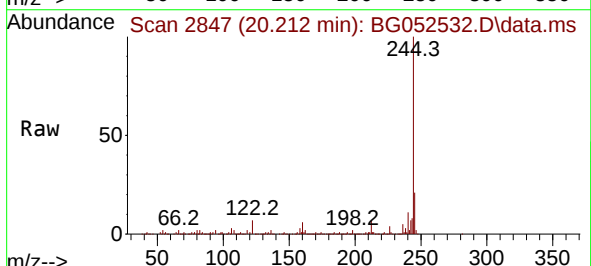
Tgt Ion:244 Resp: 1162562

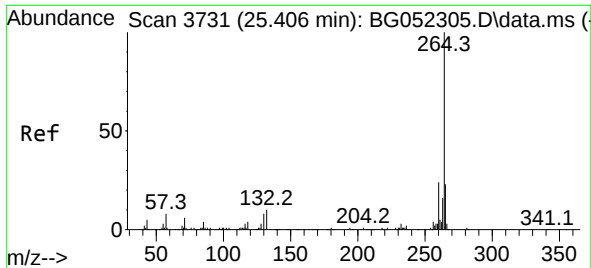
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 7.1 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.394 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG052532.D
 Acq: 2 Mar 2022 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB142974BL

Tgt Ion:264 Resp: 226356
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.5 27.7
 265 21.5 17.8 26.6

