

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052357.D
 Acq On : 10 Feb 2022 17:00
 Operator : CG/JU
 Sample : N1432-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-7

Quant Time: Feb 10 17:50:51 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)

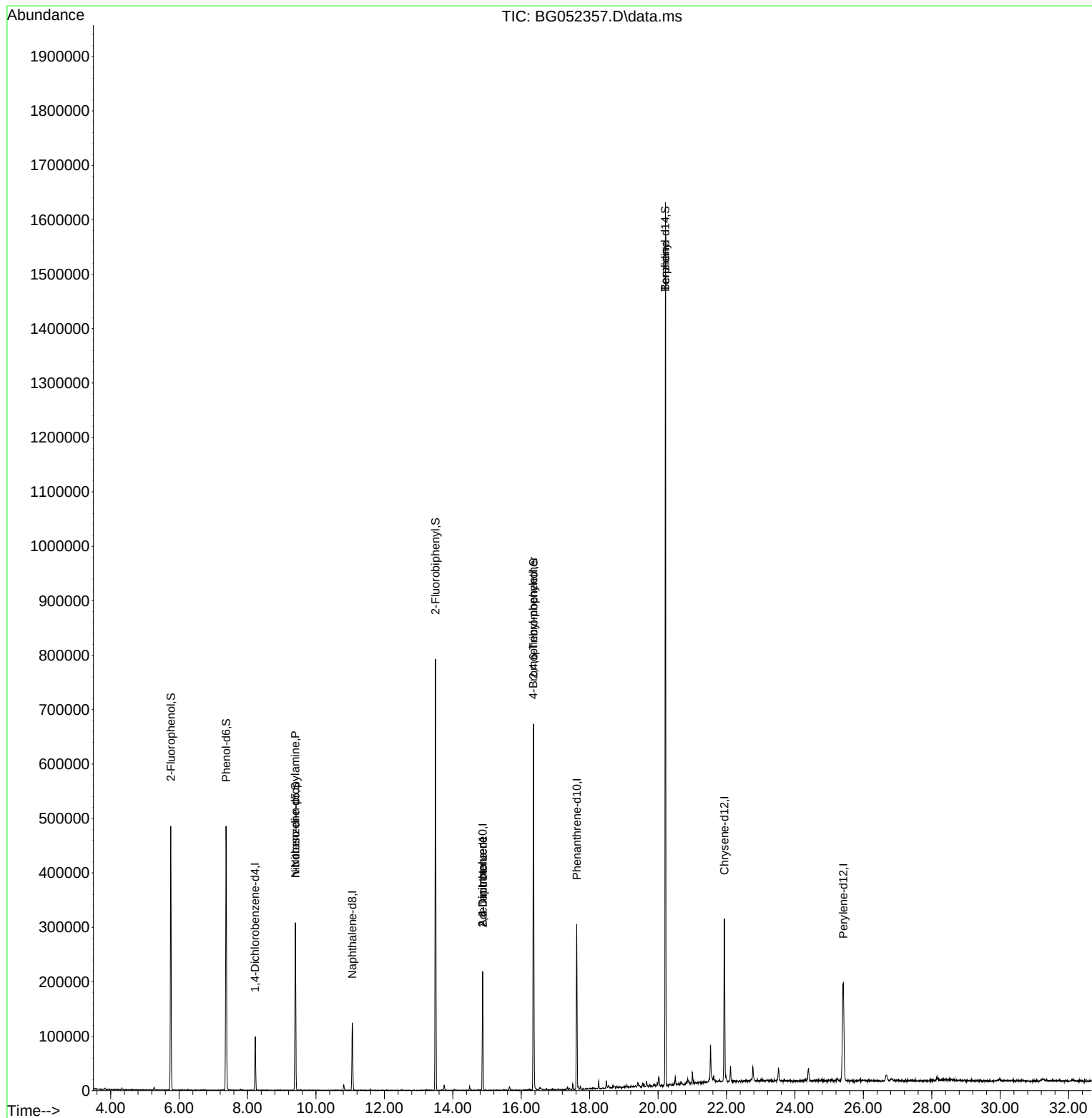
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	27831	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	111034	20.000	ng	# 0.00
39) Acenaphthene-d10	14.873	164	77688	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	194323	20.000	ng	0.00
76) Chrysene-d12	21.940	240	200919	20.000	ng	0.00
86) Perylene-d12	25.412	264	209229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	197596	123.741	ng	0.00
7) Phenol-d6	7.372	99	274227	111.300	ng	0.00
23) Nitrobenzene-d5	9.398	82	192914	75.511	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	141903	127.140	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	422831	75.628	ng	0.00
79) Terphenyl-d14	20.213	244	812647	71.423	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.372	77	475	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.398	70	27395	14.748	ng	# 71
51) 2,6-Dinitrotoluene	14.873	165	10618	8.268	ng	# 18
57) 2,4-Dinitrotoluene	14.873	165	10618	5.809	ng	# 17
67) 4-Bromophenyl-phenylether	16.354	248	9542	4.038	ng	# 1
77) Benzidine	20.213	184	11765	2.740	ng	# 92

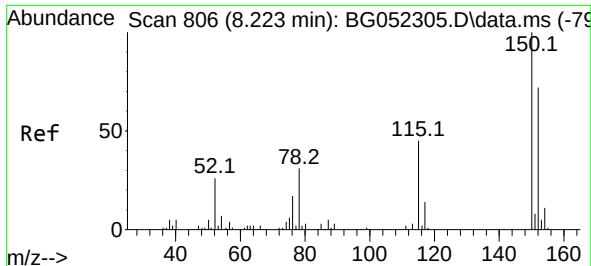
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
Data File : BG052357.D
Acq On : 10 Feb 2022 17:00
Operator : CG/JU
Sample : N1432-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-7

Quant Time: Feb 10 17:50:51 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

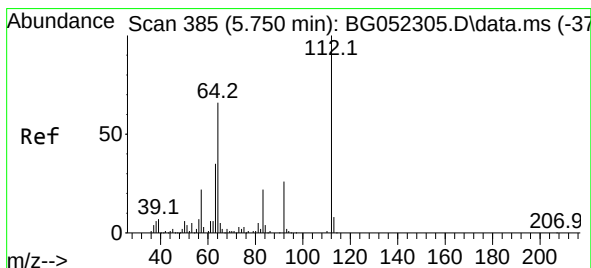
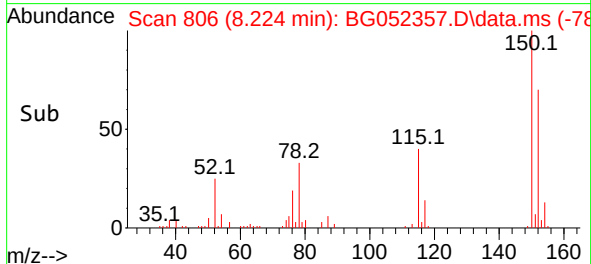
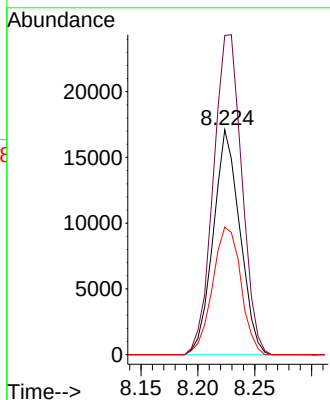
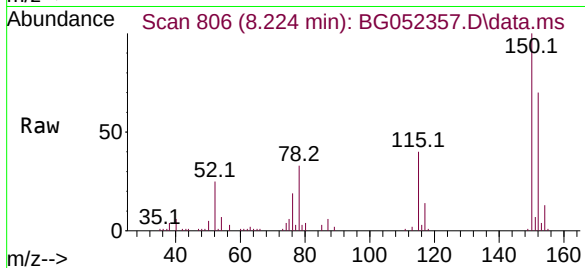




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 806
Delta R.T. 0.001 min
Lab File: BG052357.D
Acq: 10 Feb 2022 17:00

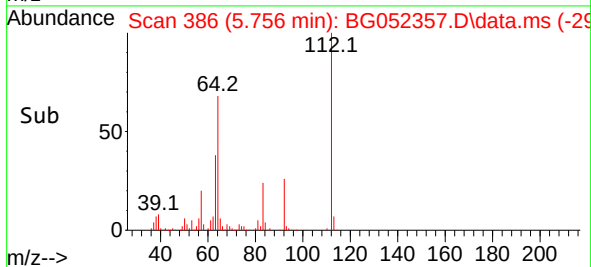
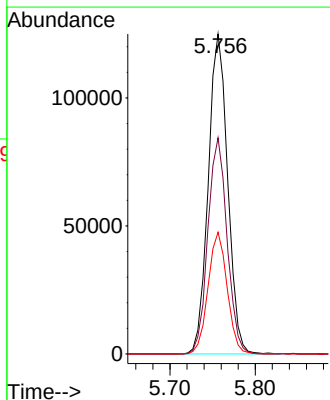
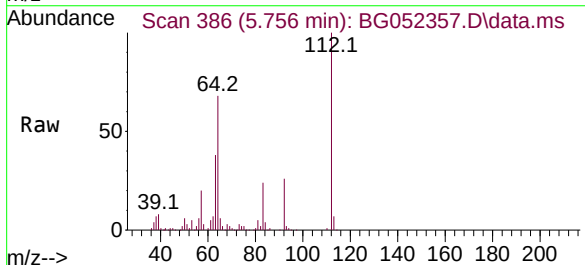
Instrument :
BNA_G
ClientSampleId :
SP-7

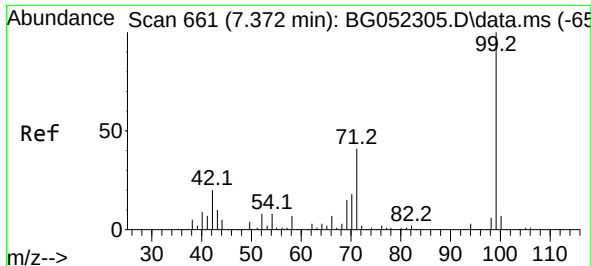
Tgt Ion:152 Resp: 27831
Ion Ratio Lower Upper
152 100
150 141.9 117.8 176.8
115 56.7 50.2 75.2



#5
2-Fluorophenol
Concen: 123.741 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052357.D
Acq: 10 Feb 2022 17:00

Tgt Ion:112 Resp: 197596
Ion Ratio Lower Upper
112 100
64 67.5 60.4 90.6
63 38.0 33.3 49.9

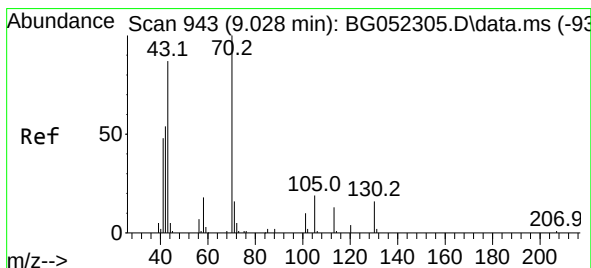
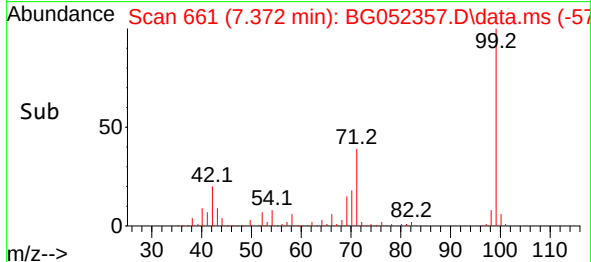
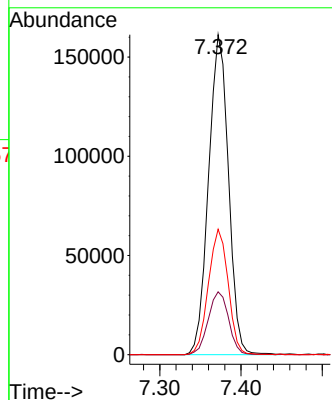
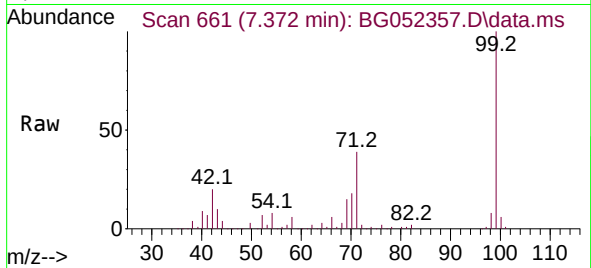




#7
Phenol-d6
Concen: 111.300 ng
RT: 7.372 min Scan# 661
Delta R.T. 0.000 min
Lab File: BG052357.D
Acq: 10 Feb 2022 17:00

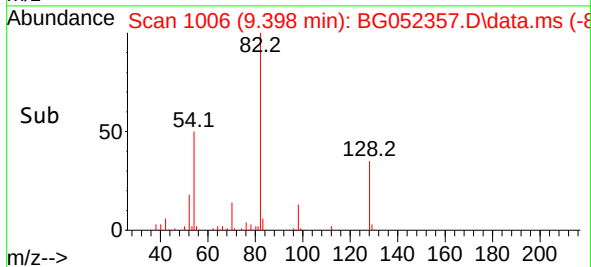
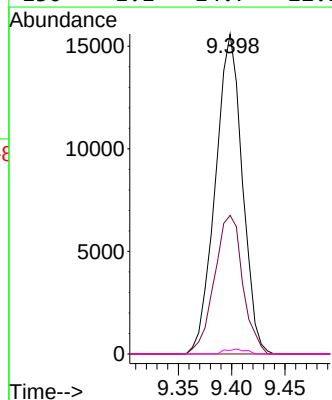
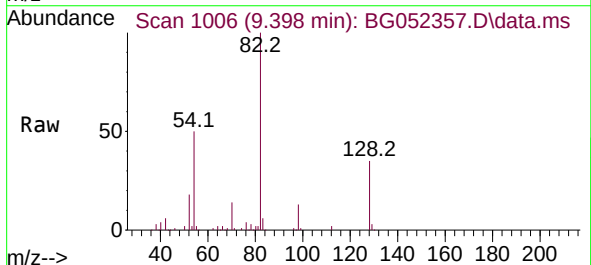
Instrument :
BNA_G
ClientSampleId :
SP-7

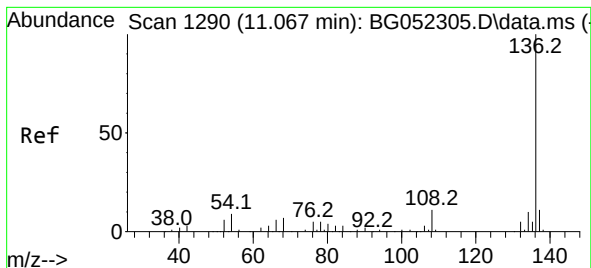
Tgt Ion: 99 Resp: 274227
Ion Ratio Lower Upper
99 100
42 19.7 19.1 28.7
71 39.2 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.748 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.370 min
Lab File: BG052357.D
Acq: 10 Feb 2022 17:00

Tgt Ion: 70 Resp: 27395
Ion Ratio Lower Upper
70 100
42 43.3 51.8 77.6#
101 0.0 6.6 10.0#
130 1.1 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.067 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG052357.D

Acq: 10 Feb 2022 17:00

Instrument :

BNA_G

ClientSampleId :

SP-7

Tgt Ion:136 Resp: 111034

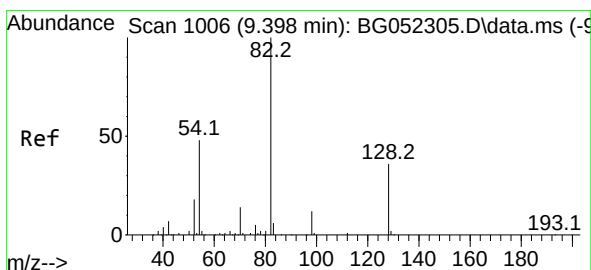
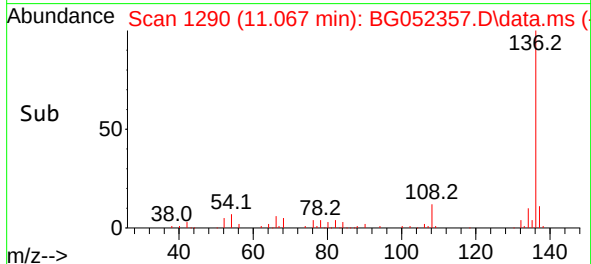
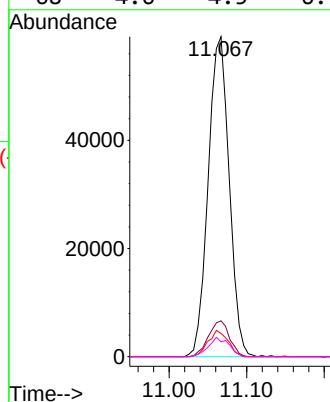
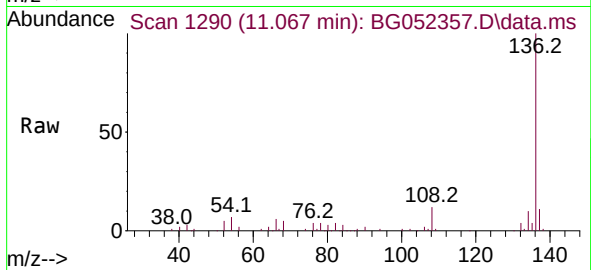
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.3 8.3 12.5#

68 4.6 4.5 6.7



#23

Nitrobenzene-d5

Concen: 75.511 ng

RT: 9.398 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BG052357.D

Acq: 10 Feb 2022 17:00

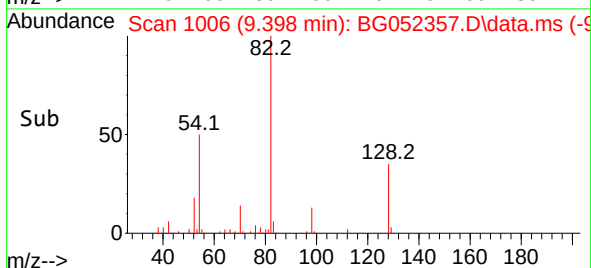
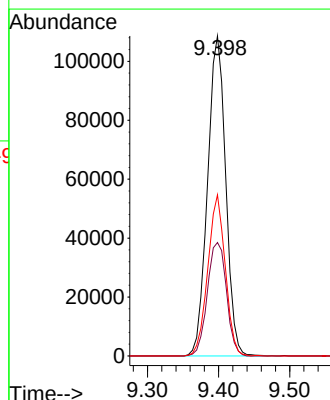
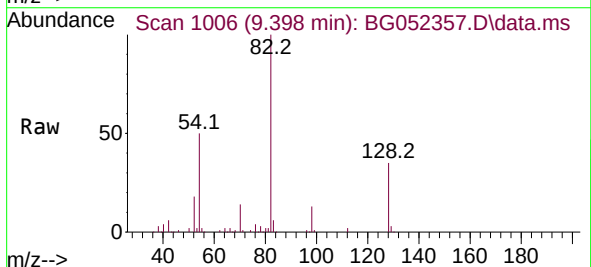
Tgt Ion: 82 Resp: 192914

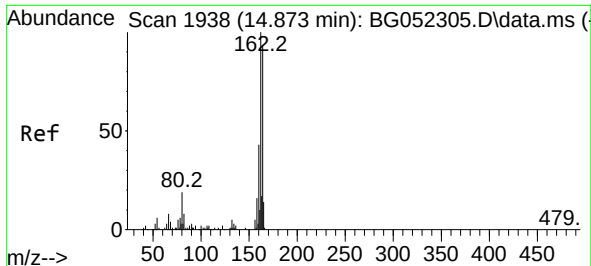
Ion Ratio Lower Upper

82 100

128 35.4 27.0 40.4

54 50.3 41.0 61.6

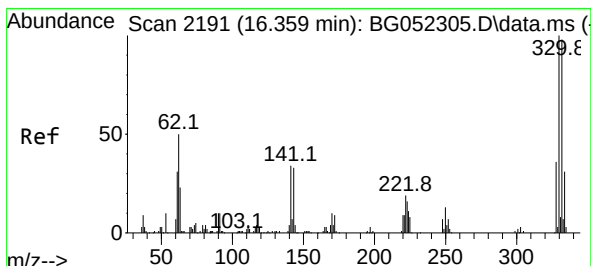
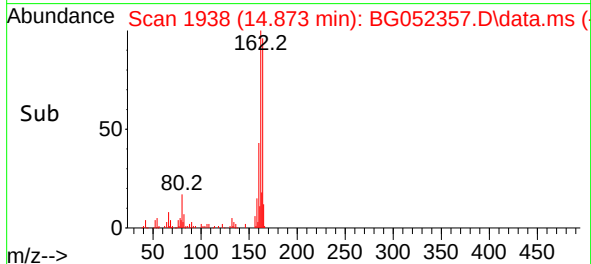
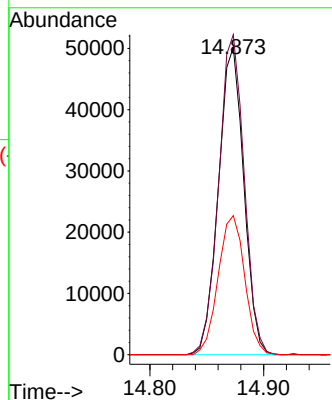
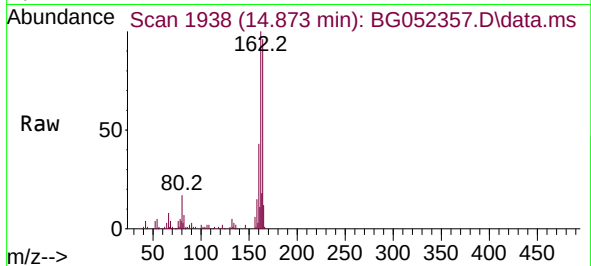




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG052357.D
Acq: 10 Feb 2022 17:00

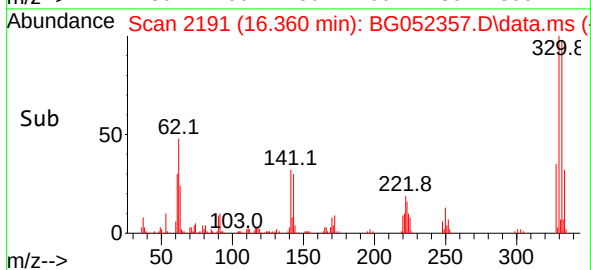
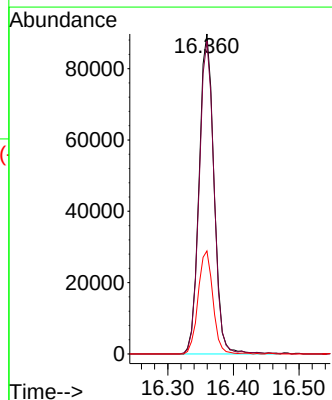
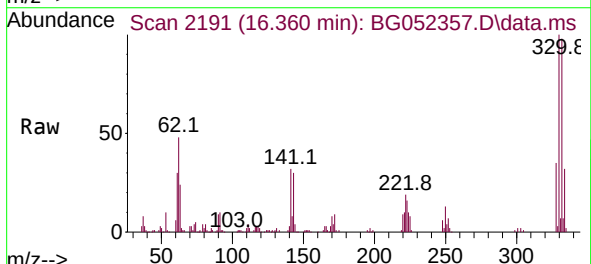
Instrument :
BNA_G
ClientSampleId :
SP-7

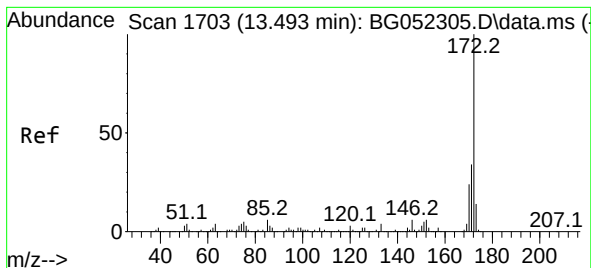
Tgt Ion:164 Resp: 77688
Ion Ratio Lower Upper
164 100
162 104.1 82.2 123.2
160 45.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 127.140 ng
RT: 16.360 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG052357.D
Acq: 10 Feb 2022 17:00

Tgt Ion:330 Resp: 141903
Ion Ratio Lower Upper
330 100
332 97.2 78.6 117.8
141 31.9 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 75.628 ng

RT: 13.493 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG052357.D

Acq: 10 Feb 2022 17:00

Instrument :

BNA_G

ClientSampleId :

SP-7

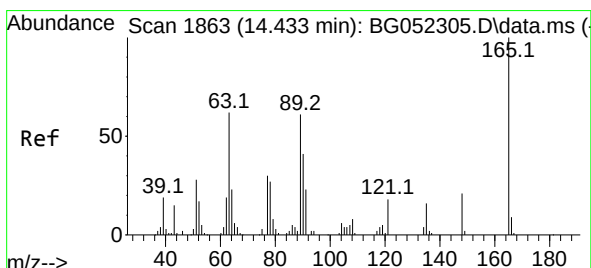
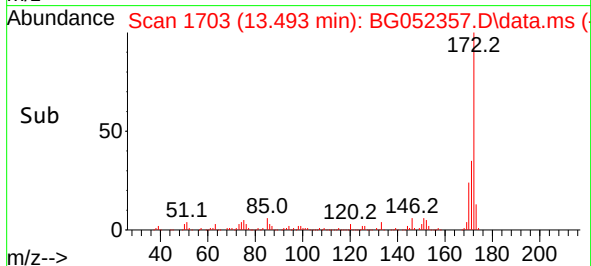
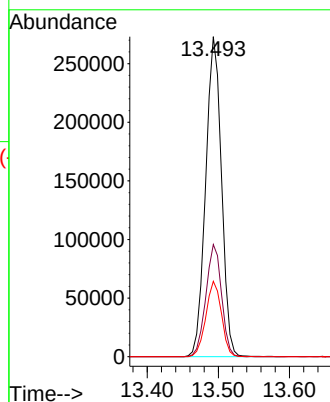
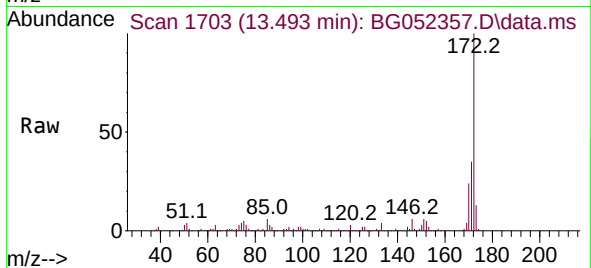
Tgt Ion:172 Resp: 422831

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 18.3 27.5



#51

2,6-Dinitrotoluene

Concen: 8.268 ng

RT: 14.873 min Scan# 1938

Delta R.T. 0.441 min

Lab File: BG052357.D

Acq: 10 Feb 2022 17:00

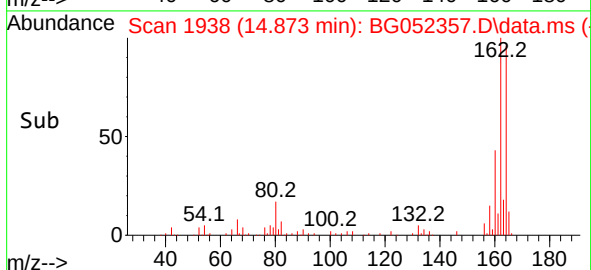
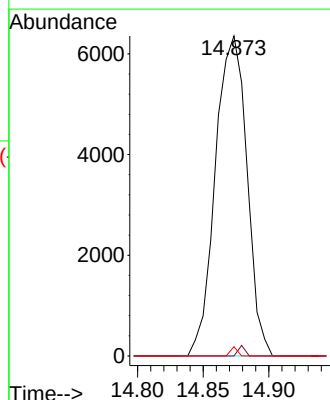
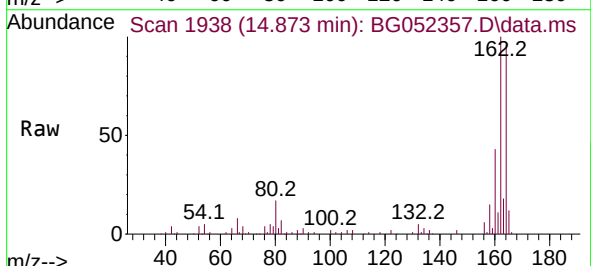
Tgt Ion:165 Resp: 10618

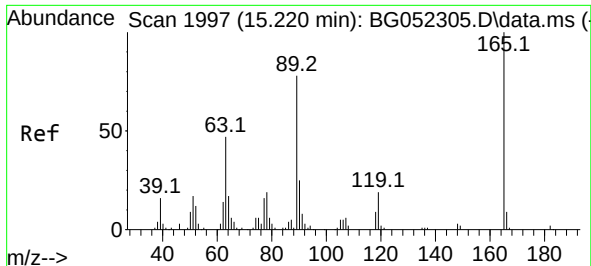
Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.4#

89 2.9 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.809 ng

RT: 14.873 min Scan# 1997

Delta R.T. -0.346 min

Lab File: BG052357.D

Acq: 10 Feb 2022 17:00

Instrument :

BNA_G

ClientSampleId :

SP-7

Tgt Ion:165 Resp: 10618

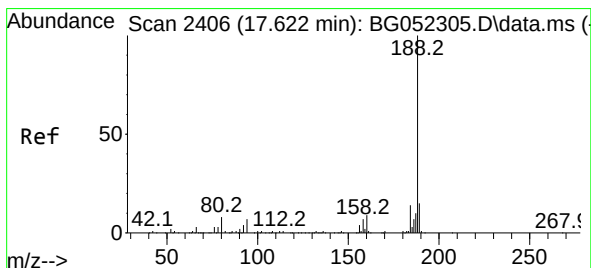
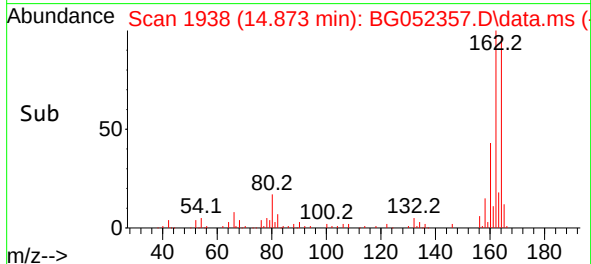
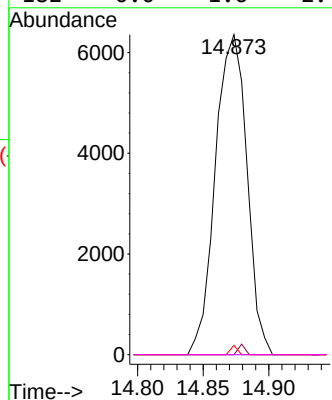
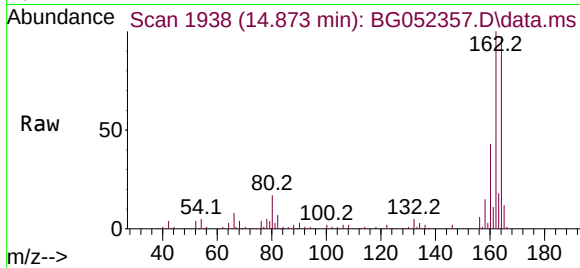
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 2.9 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.623 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BG052357.D

Acq: 10 Feb 2022 17:00

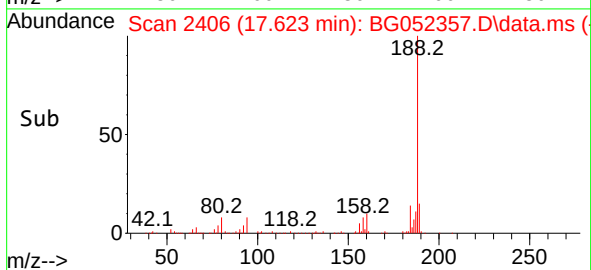
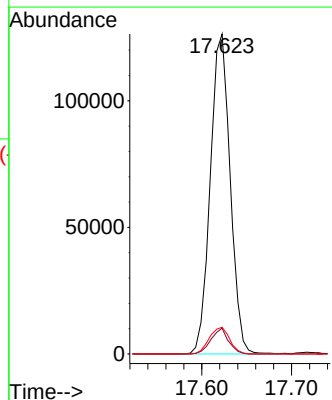
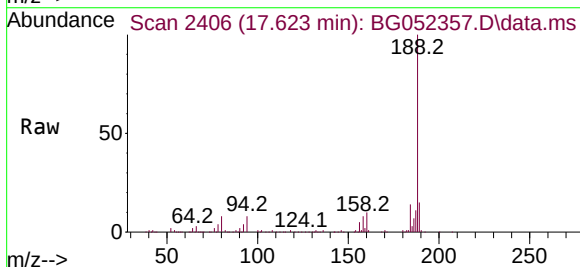
Tgt Ion:188 Resp: 194323

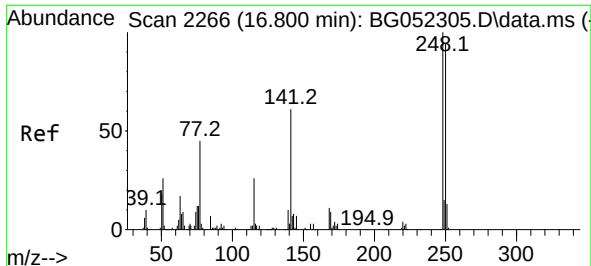
Ion Ratio Lower Upper

188 100

94 8.0 5.9 8.9

80 8.3 6.6 10.0

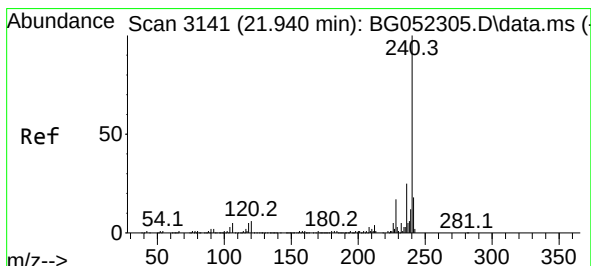
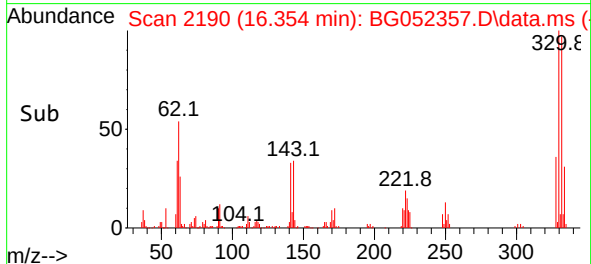
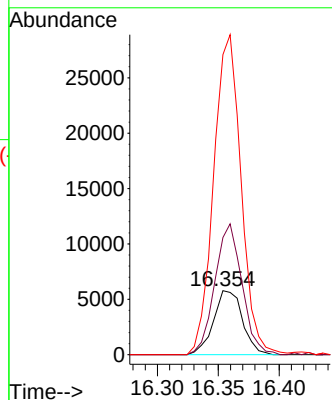
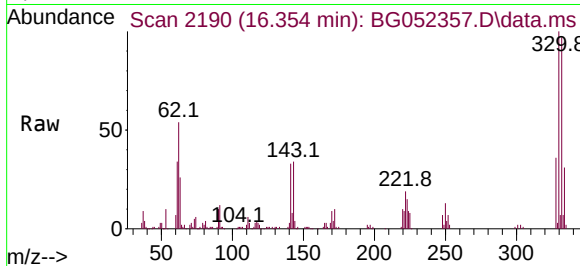




#67
4-Bromophenyl-phenylether
Concen: 4.038 ng
RT: 16.354 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG052357.D
Acq: 10 Feb 2022 17:00

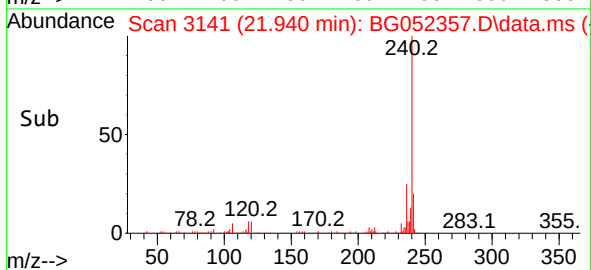
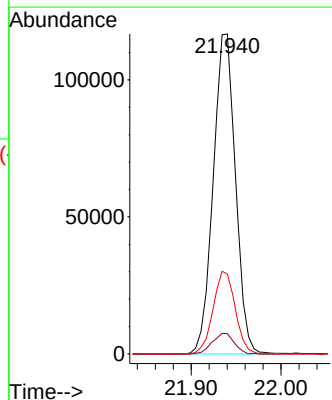
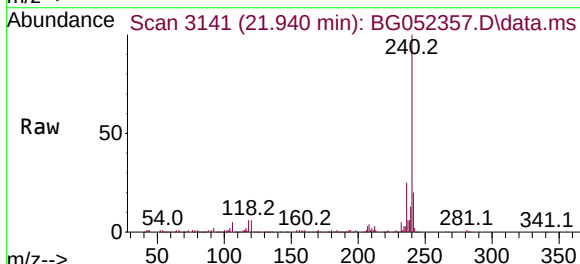
Instrument :
BNA_G
ClientSampleId :
SP-7

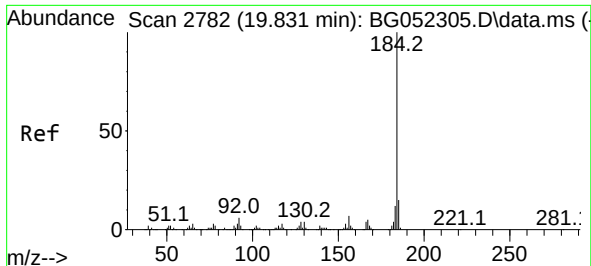
Tgt Ion:248 Resp: 9542
Ion Ratio Lower Upper
248 100
250 183.0 79.6 119.4#
141 468.5 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.940 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BG052357.D
Acq: 10 Feb 2022 17:00

Tgt Ion:240 Resp: 200919
Ion Ratio Lower Upper
240 100
120 6.3 4.4 6.6
236 25.0 20.8 31.2

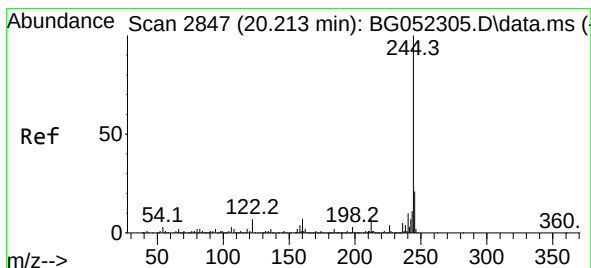
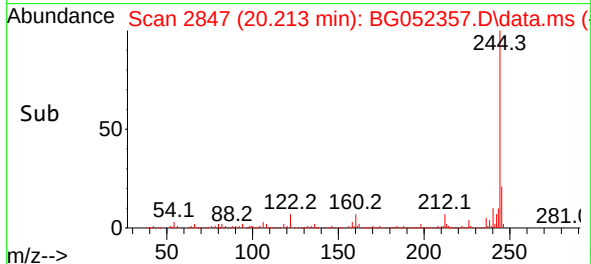
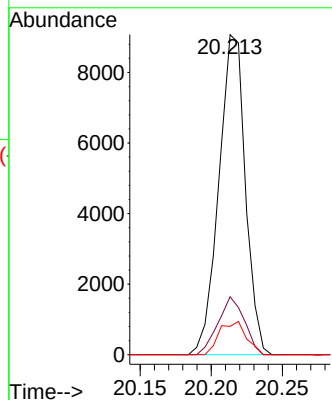
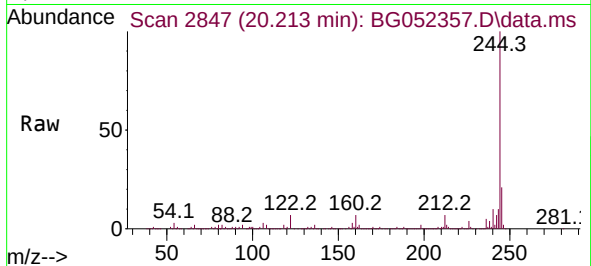




#77
Benzidine
Concen: 2.740 ng
RT: 20.213 min Scan# 2847
Delta R.T. 0.382 min
Lab File: BG052357.D
Acq: 10 Feb 2022 17:00

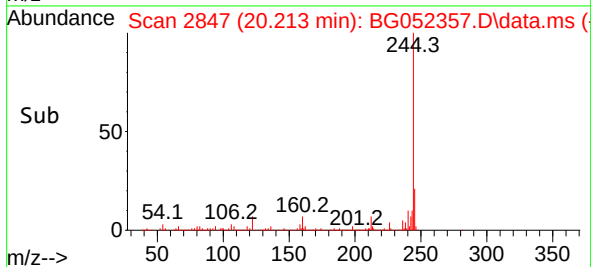
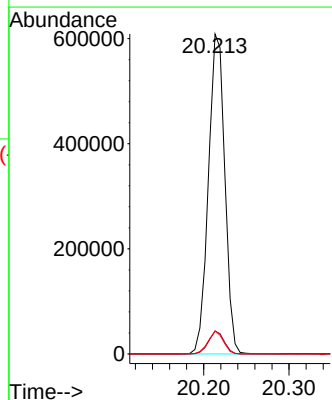
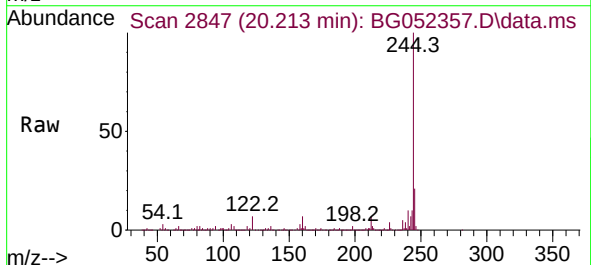
Instrument :
BNA_G
ClientSampleId :
SP-7

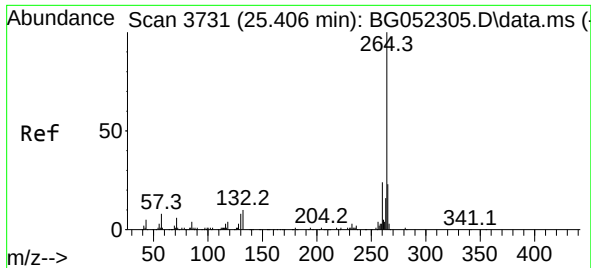
Tgt Ion:184 Resp: 11765
Ion Ratio Lower Upper
184 100
185 18.1 11.8 17.8#
183 8.9 9.8 14.6#



#79
Terphenyl-d14
Concen: 71.423 ng
RT: 20.213 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BG052357.D
Acq: 10 Feb 2022 17:00

Tgt Ion:244 Resp: 812647
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 7.2 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.412 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG052357.D
Acq: 10 Feb 2022 17:00

Instrument :
BNA_G
ClientSampleId :
SP-7

Tgt Ion:264 Resp: 209229

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.5	27.7
265	21.1	17.8	26.6

