

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052341.D
 Acq On : 9 Feb 2022 19:00
 Operator : CG/JU
 Sample : N1432-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-3

Quant Time: Feb 10 00:07:51 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)

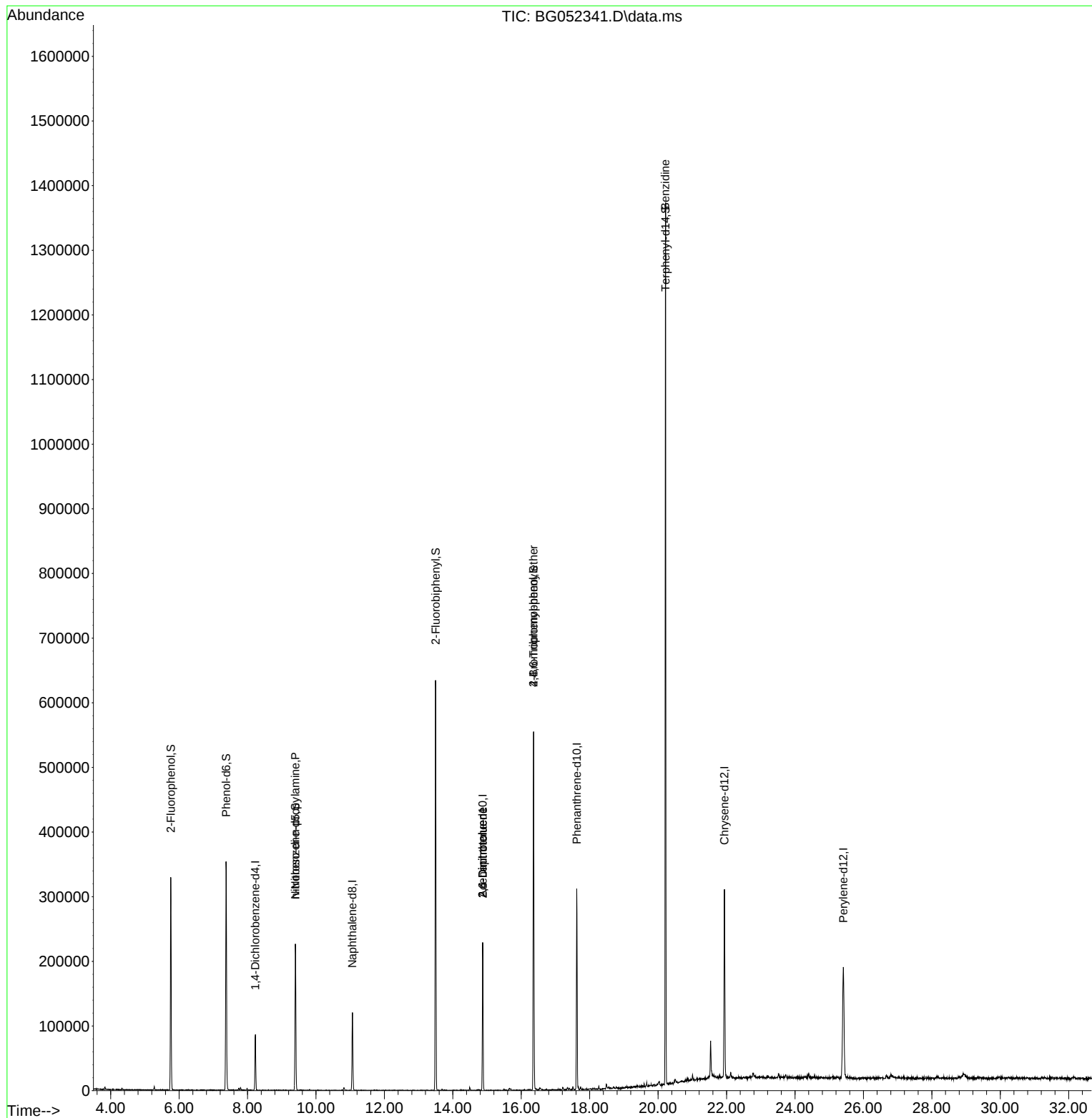
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	23751	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	102122	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	79535	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	197914	20.000	ng	0.00
76) Chrysene-d12	21.939	240	192735	20.000	ng	0.00
86) Perylene-d12	25.411	264	197705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	137900	101.192	ng	0.00
7) Phenol-d6	7.371	99	199963	95.100	ng	0.00
23) Nitrobenzene-d5	9.398	82	142866	60.801	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	116084	101.592	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	346444	60.526	ng	0.00
79) Terphenyl-d14	20.218	244	680713	62.368	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.371	77	380	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.398	70	19812	12.498	ng	# 73
51) 2,6-Dinitrotoluene	14.872	165	10905	8.294	ng	# 16
57) 2,4-Dinitrotoluene	14.872	165	10905	5.827	ng	# 15
67) 4-Bromophenyl-phenylether	16.359	248	7406	3.077	ng	# 1
77) Benzidine	20.212	184	9644	2.342	ng	# 91

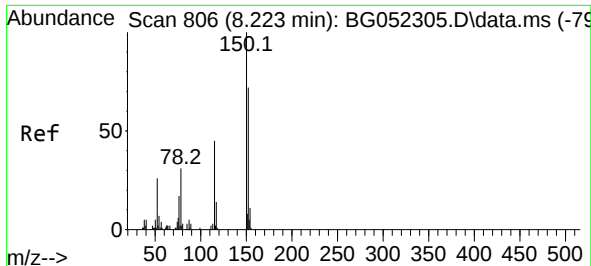
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 10 00:07:51 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

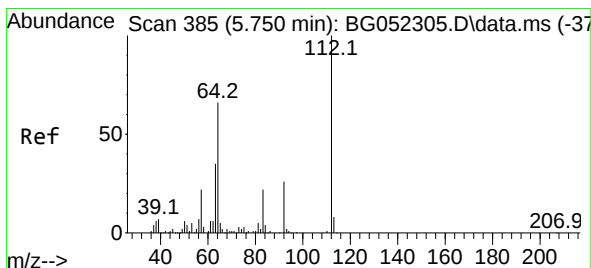
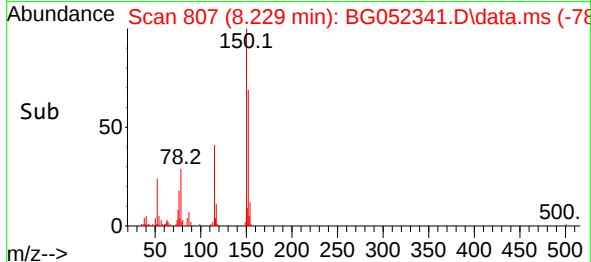
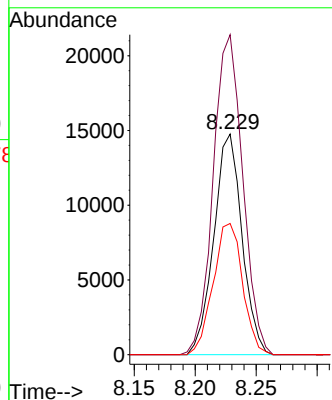
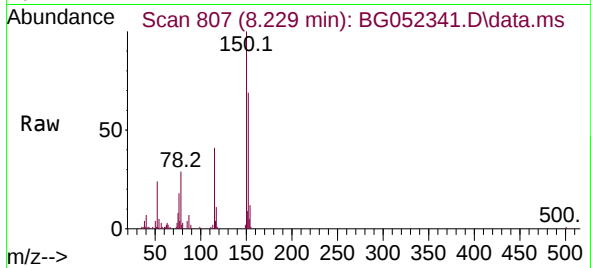




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 806
Delta R.T. 0.006 min
Lab File: BG052341.D
Acq: 9 Feb 2022 19:00

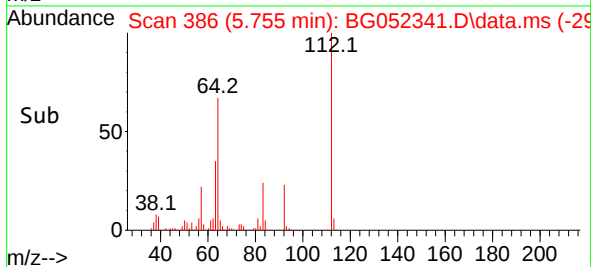
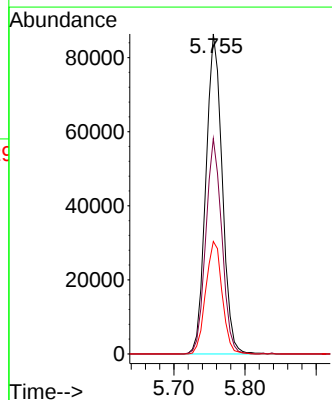
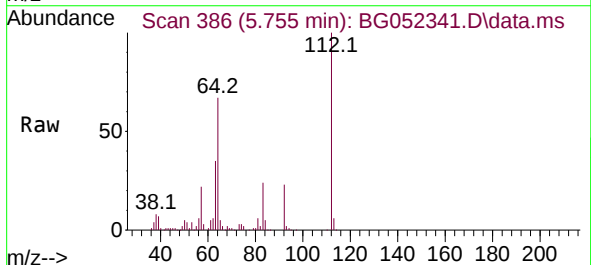
Instrument :
BNA_G
ClientSampleId :
SP-3

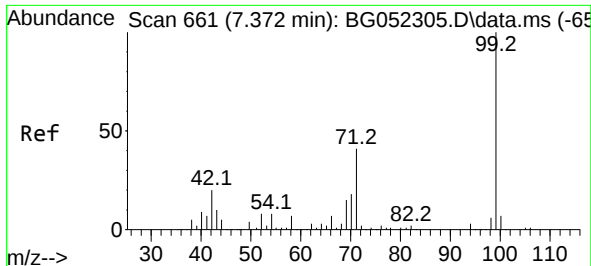
Tgt Ion:152 Resp: 23751
Ion Ratio Lower Upper
152 100
150 145.0 117.8 176.8
115 59.5 50.2 75.2



#5
2-Fluorophenol
Concen: 101.192 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052341.D
Acq: 9 Feb 2022 19:00

Tgt Ion:112 Resp: 137900
Ion Ratio Lower Upper
112 100
64 67.3 60.4 90.6
63 35.1 33.3 49.9

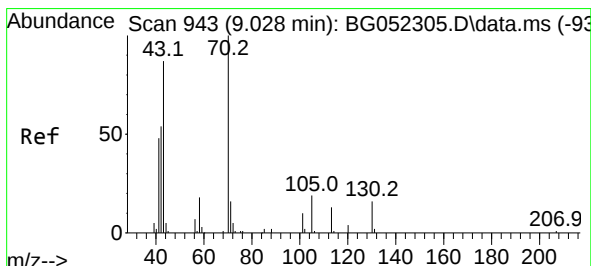
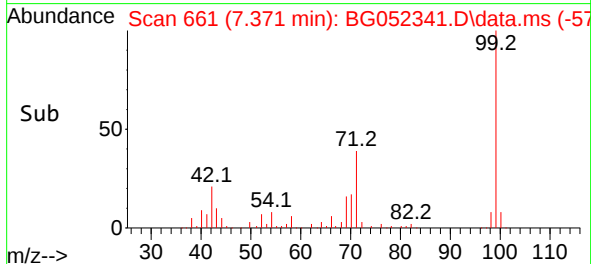
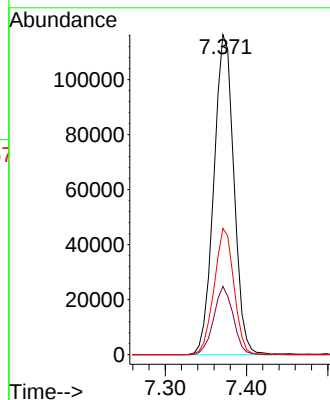
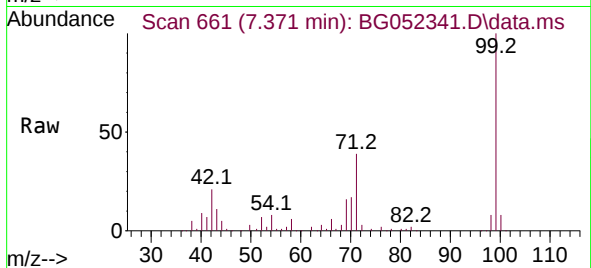




#7
Phenol-d6
Concen: 95.100 ng
RT: 7.371 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG052341.D
Acq: 9 Feb 2022 19:00

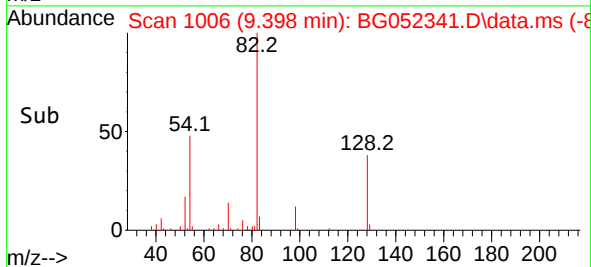
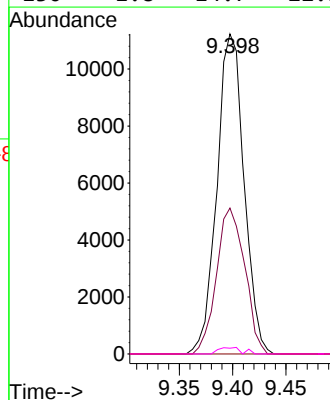
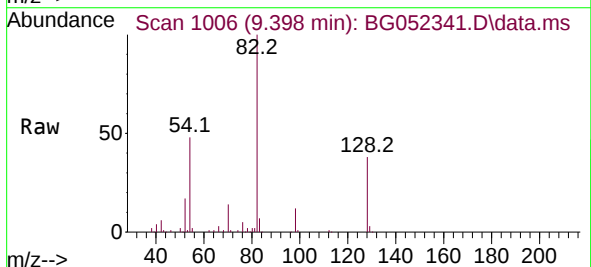
Instrument :
BNA_G
ClientSampleId :
SP-3

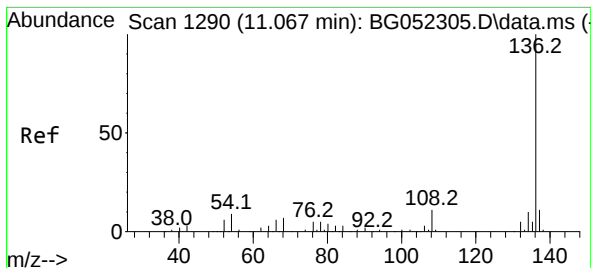
Tgt Ion: 99 Resp: 199963
Ion Ratio Lower Upper
99 100
42 21.4 19.1 28.7
71 39.5 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.498 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.369 min
Lab File: BG052341.D
Acq: 9 Feb 2022 19:00

Tgt Ion: 70 Resp: 19812
Ion Ratio Lower Upper
70 100
42 45.6 51.8 77.6#
101 0.0 6.6 10.0#
130 1.8 14.7 22.1#

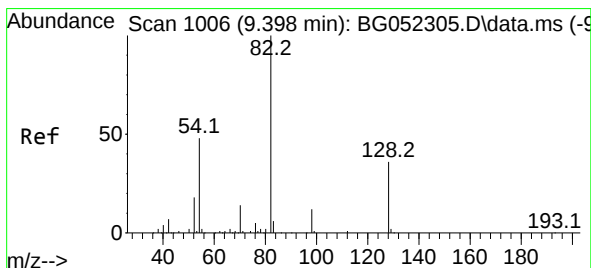
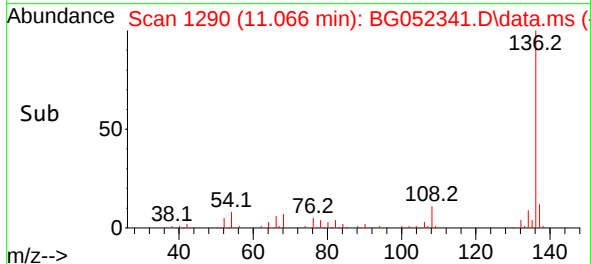
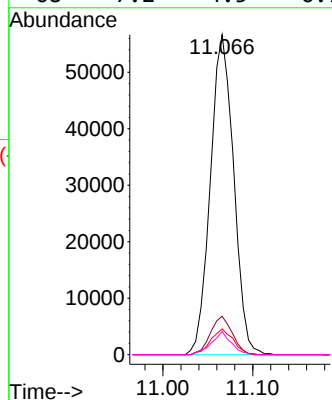
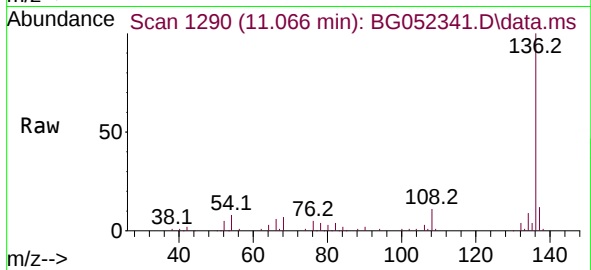




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1106
Delta R.T. -0.001 min
Lab File: BG052341.D
Acq: 9 Feb 2022 19:00

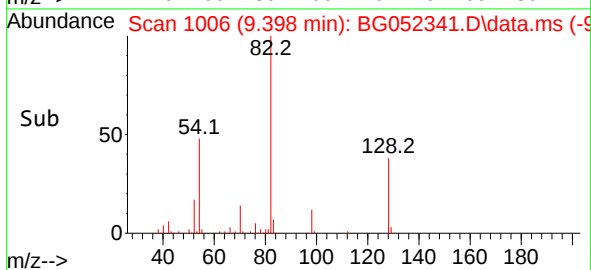
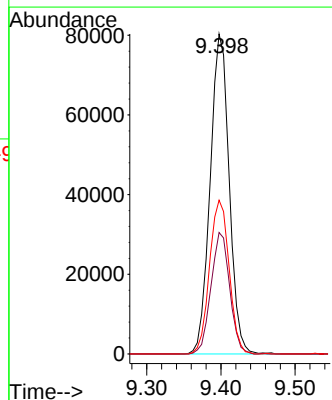
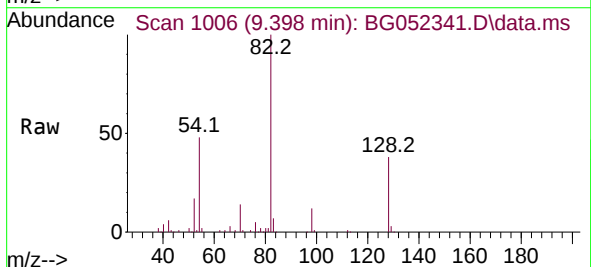
Instrument :
BNA_G
ClientSampleId :
SP-3

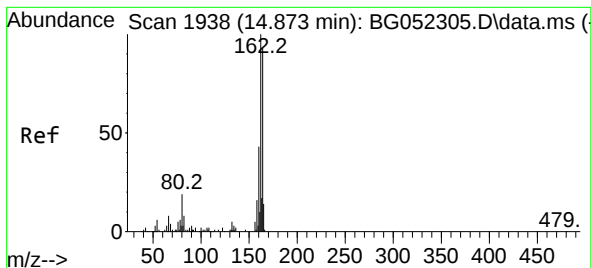
Tgt Ion:136 Resp: 102122
Ion Ratio Lower Upper
136 100
137 12.0 9.1 13.7
54 8.0 8.3 12.5#
68 7.2 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 60.801 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052341.D
Acq: 9 Feb 2022 19:00

Tgt Ion: 82 Resp: 142866
Ion Ratio Lower Upper
82 100
128 38.0 27.0 40.4
54 48.0 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: BG052341.D

Acq: 9 Feb 2022 19:00

Instrument :

BNA_G

ClientSampleId :

SP-3

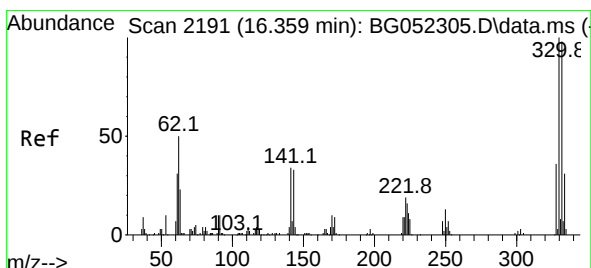
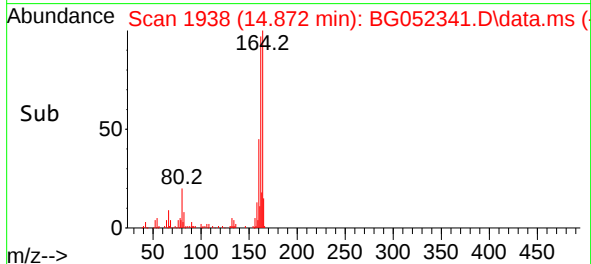
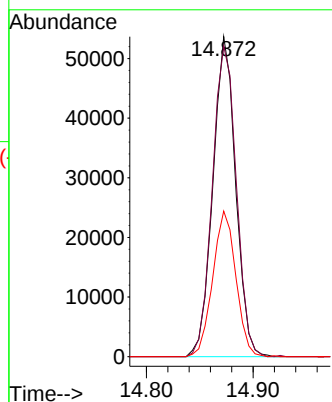
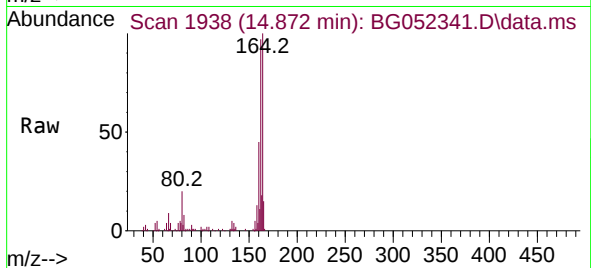
Tgt Ion:164 Resp: 79535

Ion Ratio Lower Upper

164 100

162 97.0 82.2 123.2

160 45.5 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 101.592 ng

RT: 16.359 min Scan# 2191

Delta R.T. -0.000 min

Lab File: BG052341.D

Acq: 9 Feb 2022 19:00

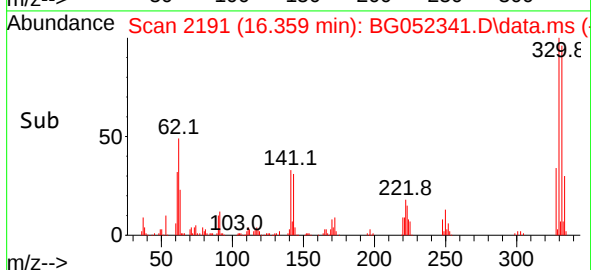
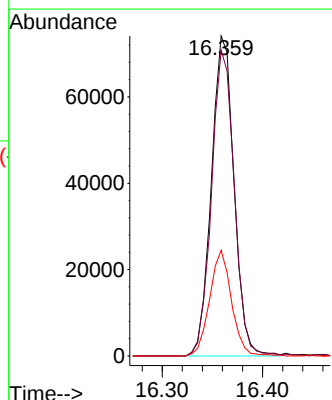
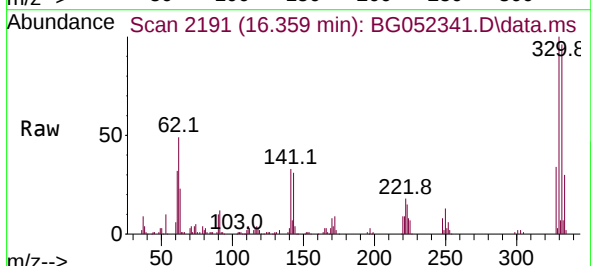
Tgt Ion:330 Resp: 116084

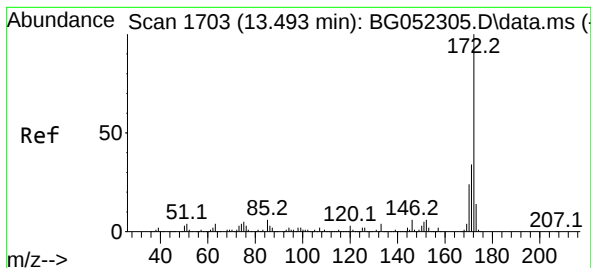
Ion Ratio Lower Upper

330 100

332 96.5 78.6 117.8

141 32.0 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 60.526 ng

RT: 13.498 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG052341.D

Acq: 9 Feb 2022 19:00

Instrument :

BNA_G

ClientSampleId :

SP-3

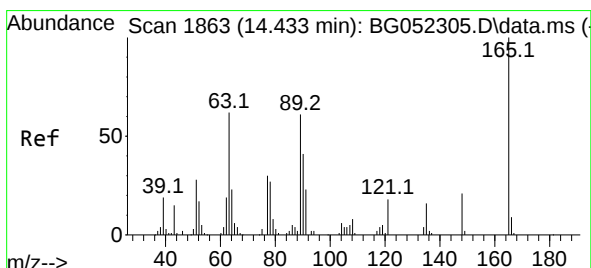
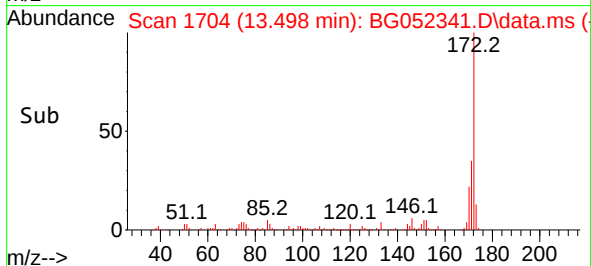
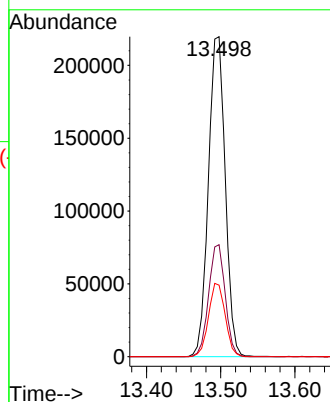
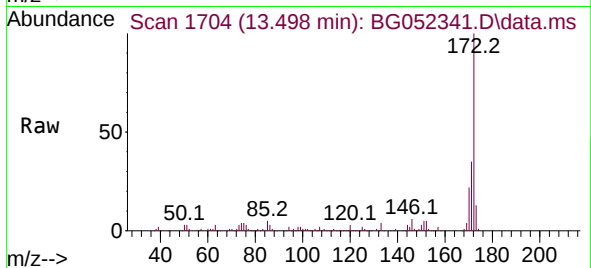
Tgt Ion:172 Resp: 346444

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 22.4 18.3 27.5



#51

2,6-Dinitrotoluene

Concen: 8.294 ng

RT: 14.872 min Scan# 1938

Delta R.T. 0.440 min

Lab File: BG052341.D

Acq: 9 Feb 2022 19:00

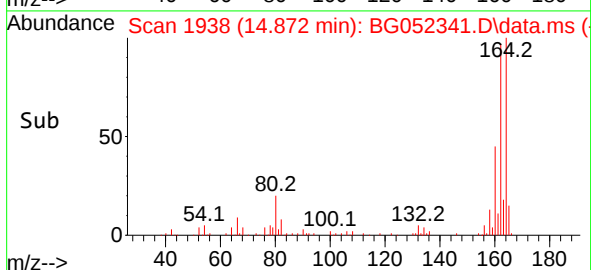
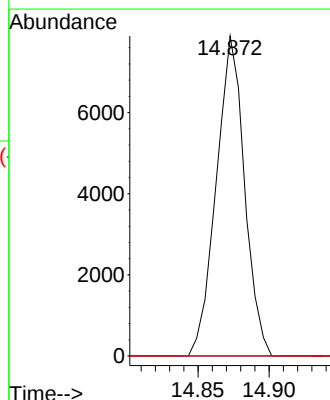
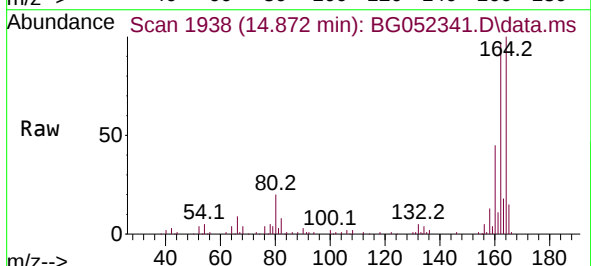
Tgt Ion:165 Resp: 10905

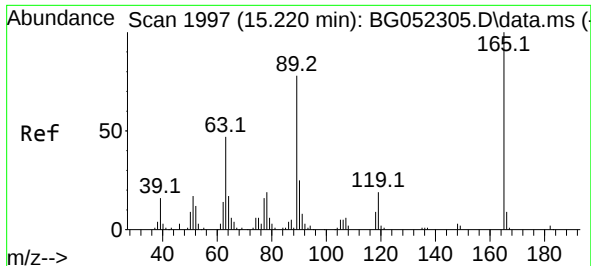
Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.4#

89 0.0 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.827 ng

RT: 14.872 min Scan# 1997

Delta R.T. -0.347 min

Lab File: BG052341.D

Acq: 9 Feb 2022 19:00

Instrument :

BNA_G

ClientSampleId :

SP-3

Tgt Ion:165 Resp: 10905

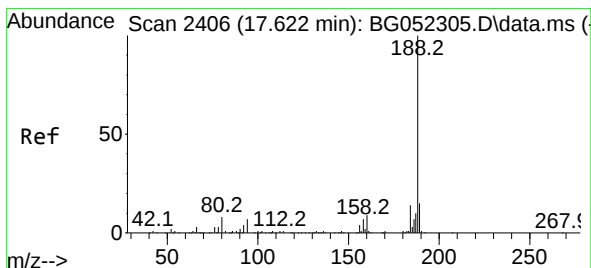
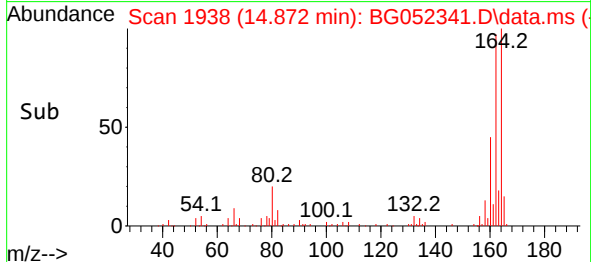
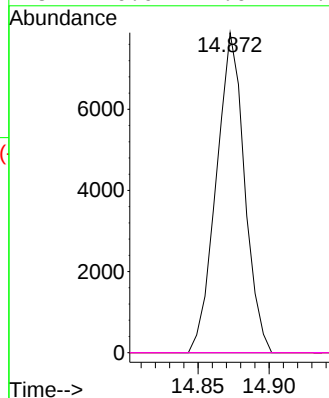
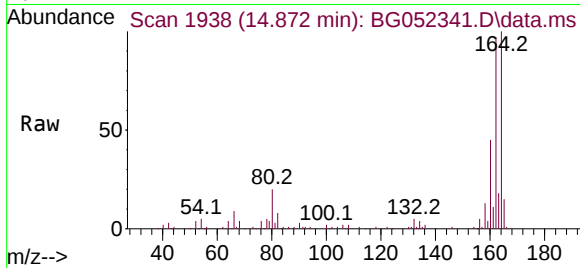
Ion Ratio Lower Upper

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: BG052341.D

Acq: 9 Feb 2022 19:00

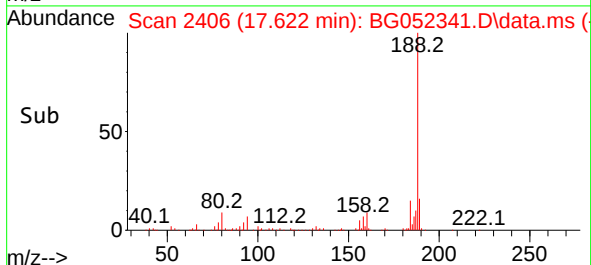
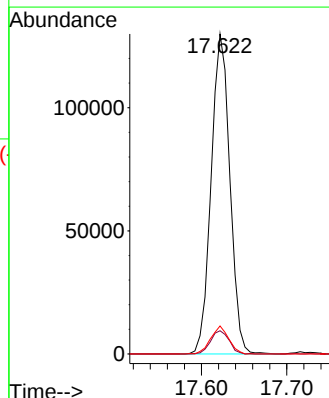
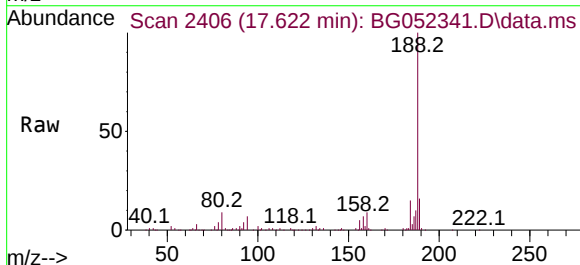
Tgt Ion:188 Resp: 197914

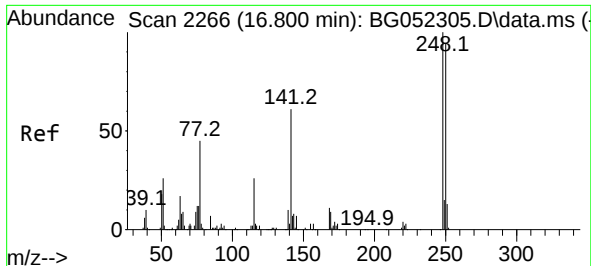
Ion Ratio Lower Upper

188 100

94 7.3 5.9 8.9

80 8.8 6.6 10.0

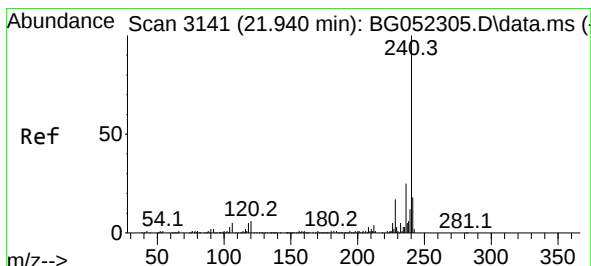
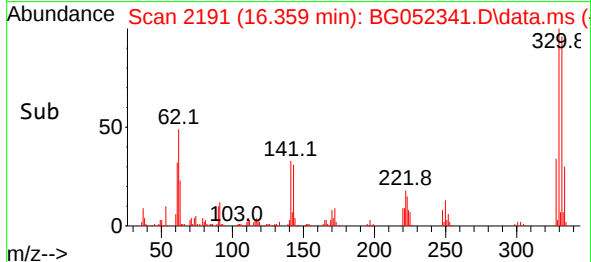
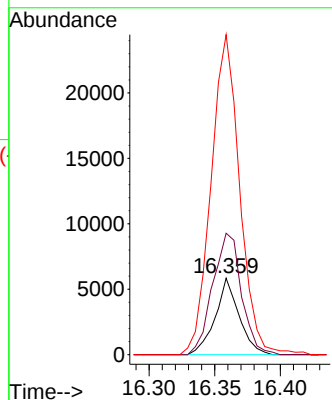
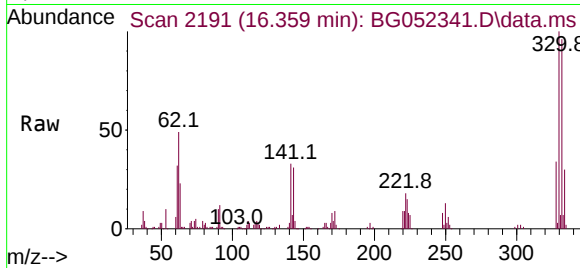




#67
4-Bromophenyl-phenylether
Concen: 3.077 ng
RT: 16.359 min Scan# 2191
Delta R.T. -0.441 min
Lab File: BG052341.D
Acq: 9 Feb 2022 19:00

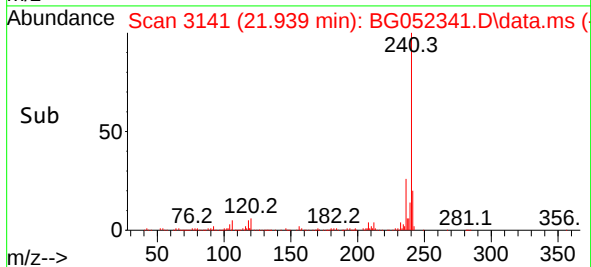
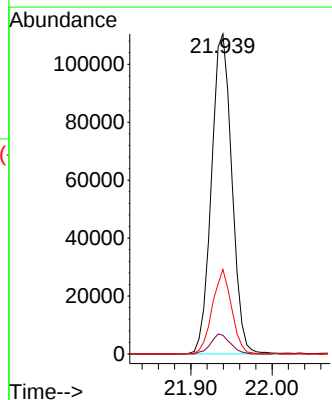
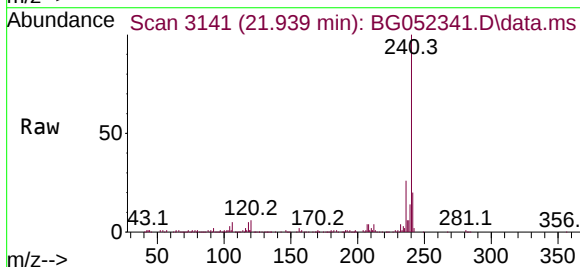
Instrument :
BNA_G
ClientSampleId :
SP-3

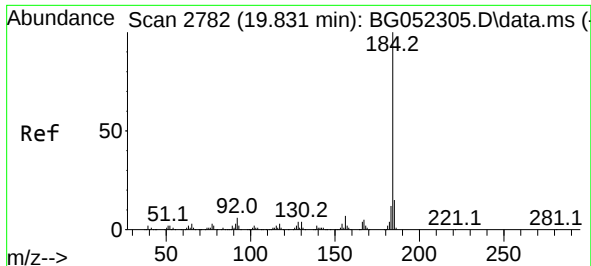
Tgt Ion:248 Resp: 7406
Ion Ratio Lower Upper
248 100
250 158.9 79.6 119.4#
141 418.7 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BG052341.D
Acq: 9 Feb 2022 19:00

Tgt Ion:240 Resp: 192735
Ion Ratio Lower Upper
240 100
120 5.8 4.4 6.6
236 26.4 20.8 31.2

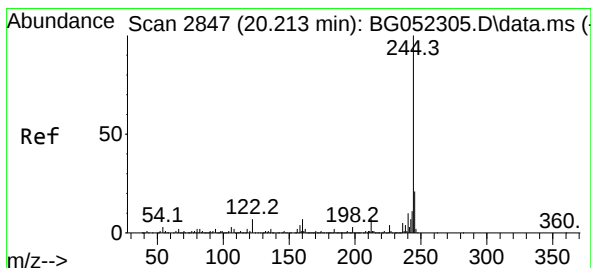
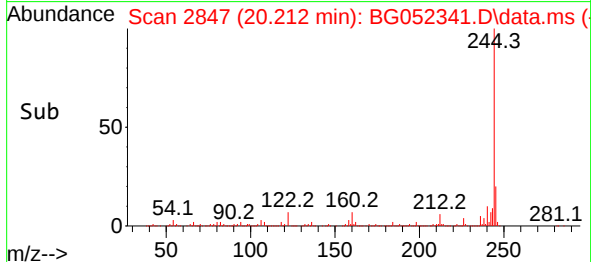
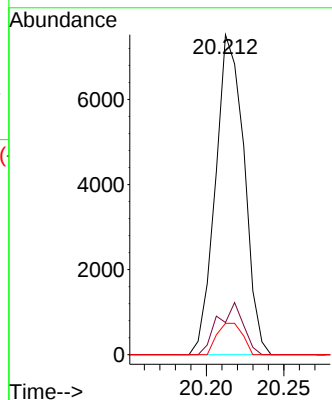
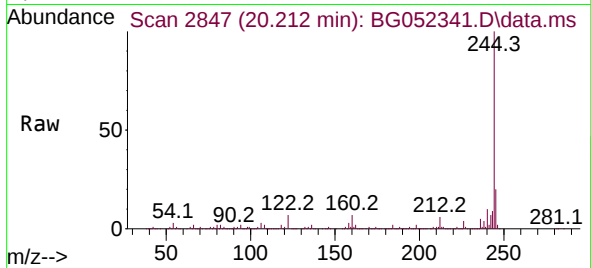




#77
Benzidine
Concen: 2.342 ng
RT: 20.212 min Scan# 21
Delta R.T. 0.381 min
Lab File: BG052341.D
Acq: 9 Feb 2022 19:00

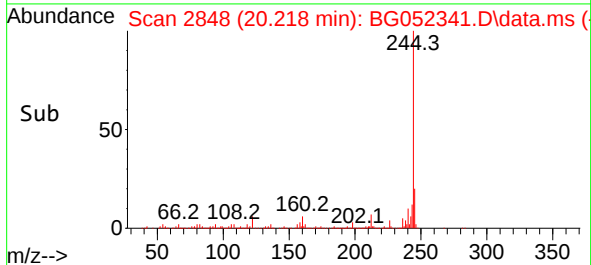
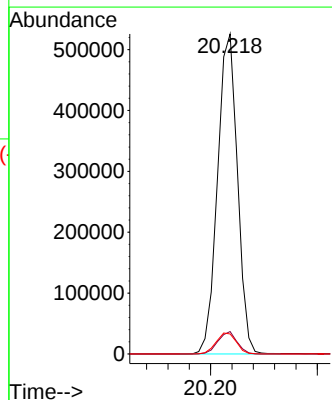
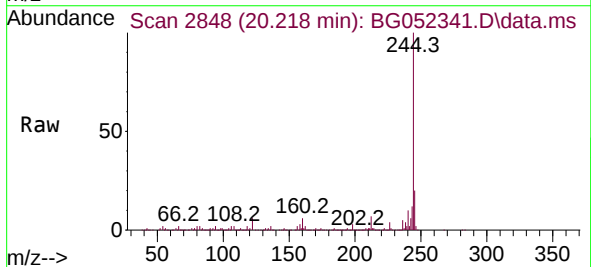
Instrument :
BNA_G
ClientSampleId :
SP-3

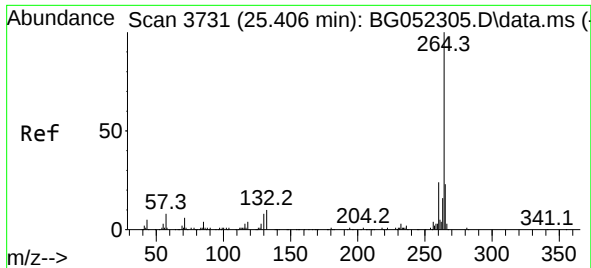
Tgt Ion:184 Resp: 9644
Ion Ratio Lower Upper
184 100
185 10.1 11.8 17.8#
183 9.8 9.8 14.6



#79
Terphenyl-d14
Concen: 62.368 ng
RT: 20.218 min Scan# 2848
Delta R.T. 0.005 min
Lab File: BG052341.D
Acq: 9 Feb 2022 19:00

Tgt Ion:244 Resp: 680713
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 6.3 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.411 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG052341.D
Acq: 9 Feb 2022 19:00

Instrument :
BNA_G
ClientSampleId :
SP-3

Tgt Ion:264 Resp: 197705

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	22.4	17.8	26.6

