

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
 Data File : BG052526.D
 Acq On : 1 Mar 2022 19:36
 Operator : CG/JU
 Sample : N1709-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PPSP-B18-18.0-18.5

Quant Time: Mar 02 01:52:44 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)

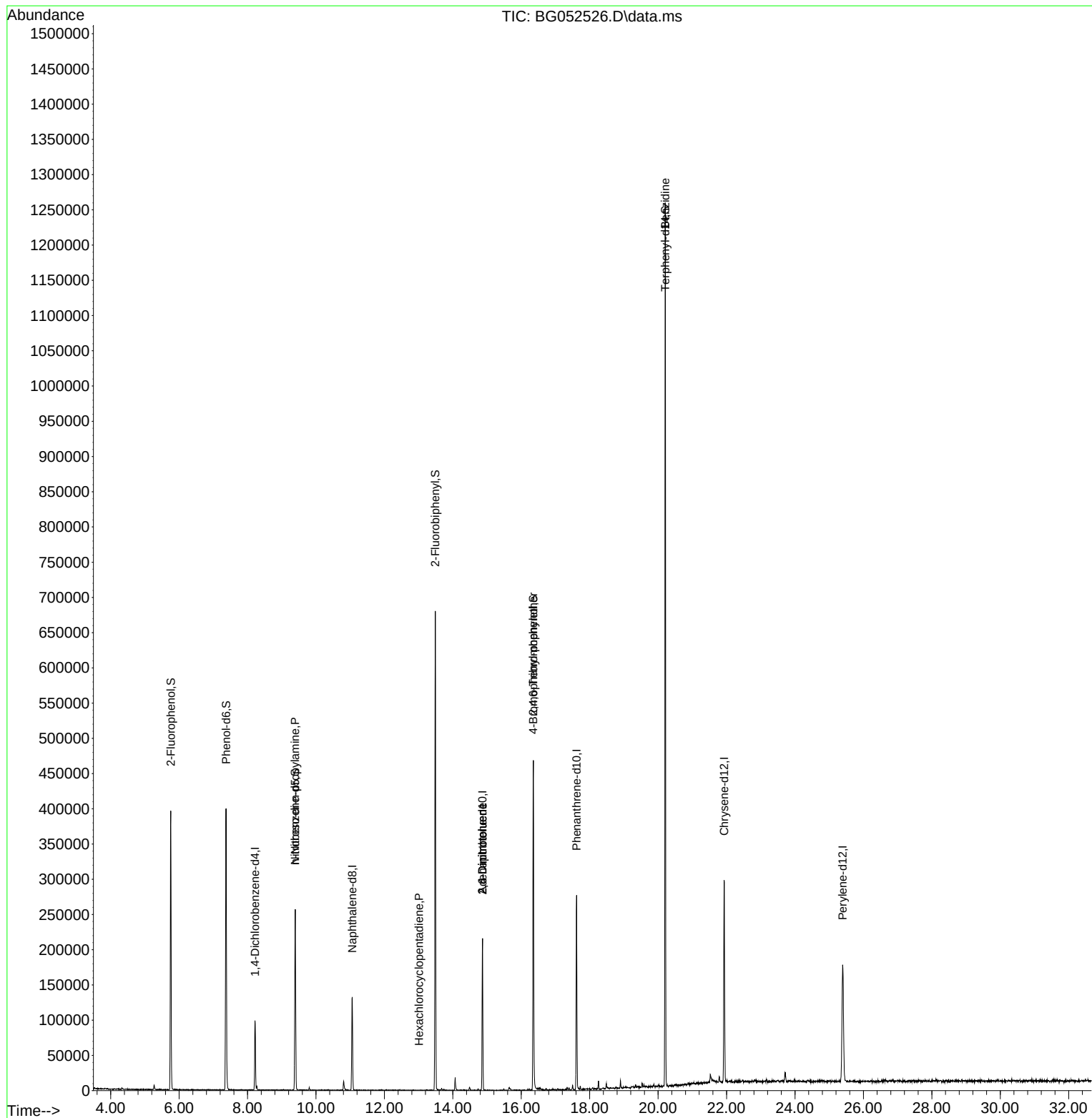
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	29849	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	117762	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	77181	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	178289	20.000	ng	0.00
76) Chrysene-d12	21.928	240	198922	20.000	ng	-0.01
86) Perylene-d12	25.394	264	206947	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	172008	100.434	ng	0.00
7) Phenol-d6	7.371	99	233119	88.219	ng	0.00
23) Nitrobenzene-d5	9.392	82	164327	60.646	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	103543	93.381	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	368536	66.350	ng	0.00
79) Terphenyl-d14	20.207	244	658197	58.429	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.371	77	297	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.392	70	22221	11.154	ng	# 76
41) Hexachlorocyclopentadiene	13.011	237	55	5.301	ng	# 25
51) 2,6-Dinitrotoluene	14.867	165	10438	8.181	ng	# 16
57) 2,4-Dinitrotoluene	14.867	165	10438	5.748	ng	# 15
67) 4-Bromophenyl-phenylether	16.347	248	6303	2.907	ng	# 1
77) Benizidine	20.213	184	9021	2.122	ng	# 89

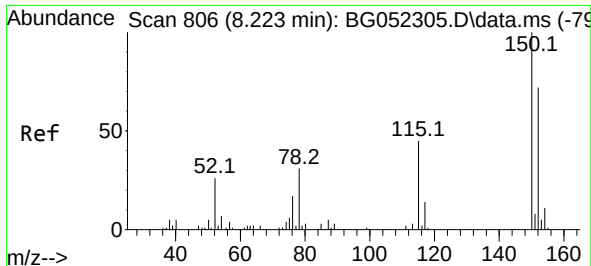
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052526.D
Acq On : 1 Mar 2022 19:36
Operator : CG/JU
Sample : N1709-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B18-18.0-18.5

Quant Time: Mar 02 01:52:44 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

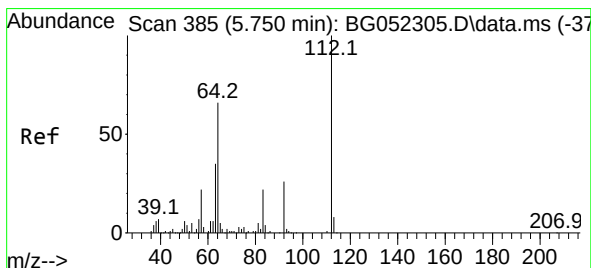
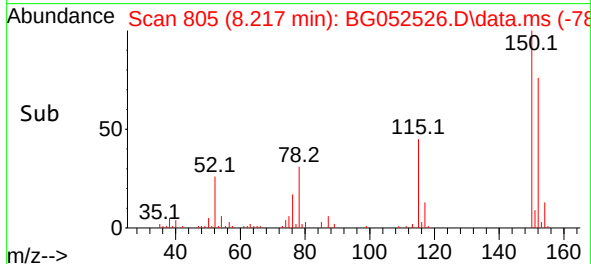
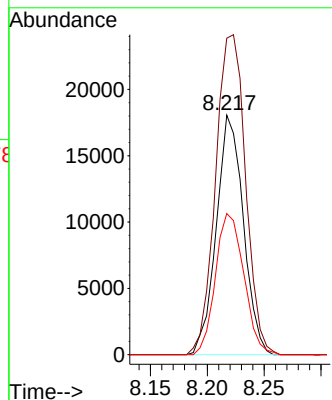
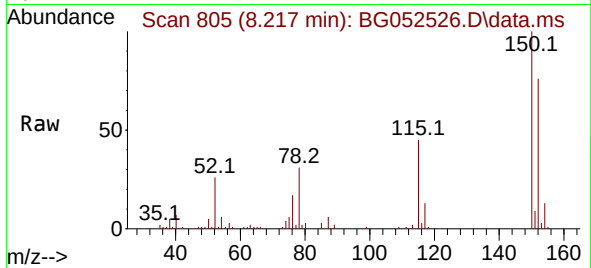




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG052526.D
Acq: 1 Mar 2022 19:36

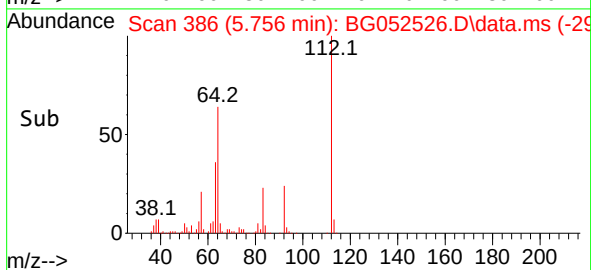
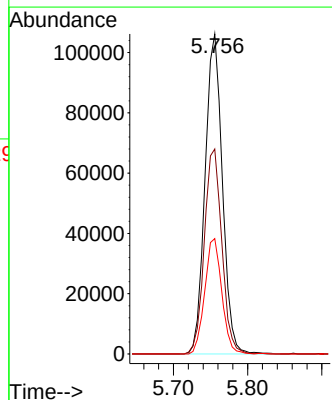
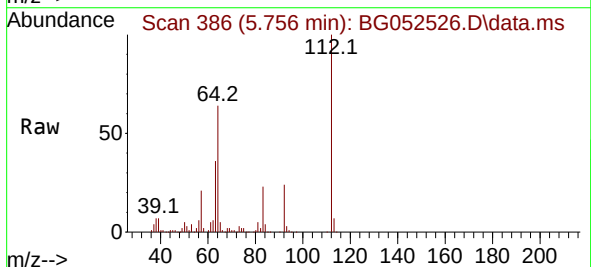
Instrument :
BNA_G
ClientSampleId :
PPSP-B18-18.0-18.5

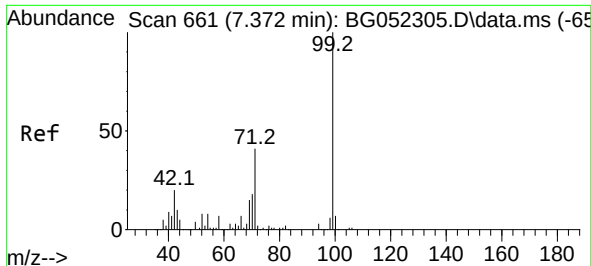
Tgt Ion:152 Resp: 29849
Ion Ratio Lower Upper
152 100
150 132.1 117.8 176.8
115 58.9 50.2 75.2



#5
2-Fluorophenol
Concen: 100.434 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052526.D
Acq: 1 Mar 2022 19:36

Tgt Ion:112 Resp: 172008
Ion Ratio Lower Upper
112 100
64 64.1 60.4 90.6
63 36.1 33.3 49.9

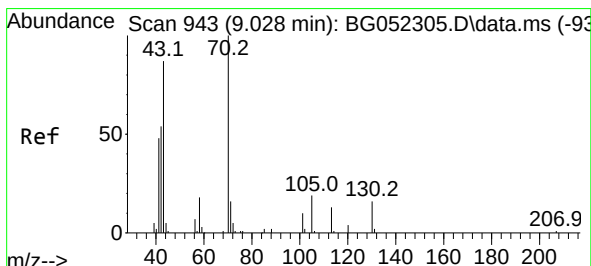
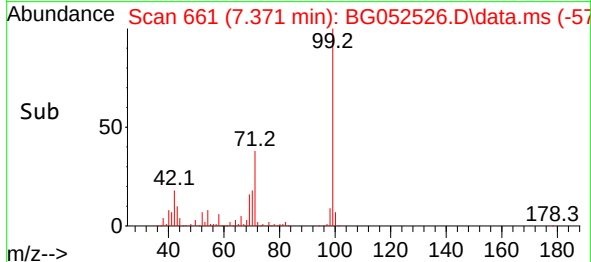
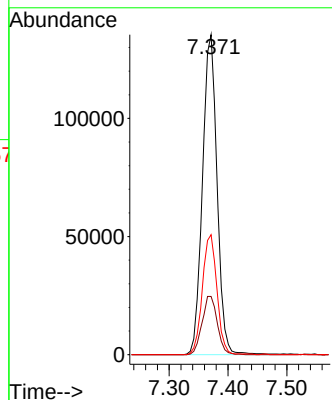
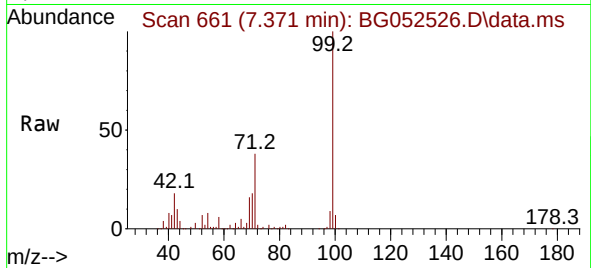




#7
Phenol-d6
Concen: 88.219 ng
RT: 7.371 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG052526.D
Acq: 1 Mar 2022 19:36

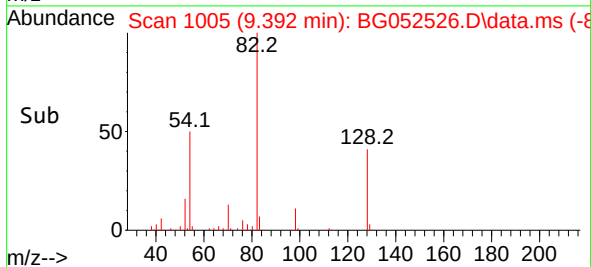
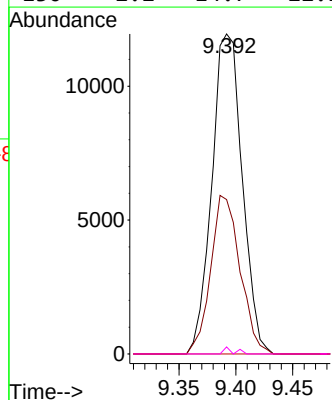
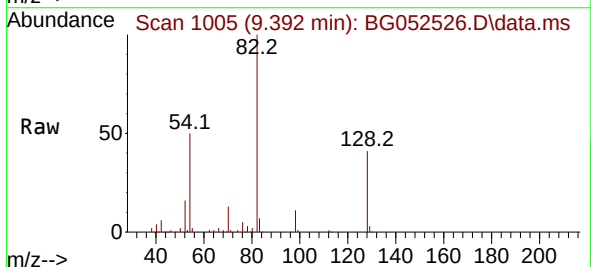
Instrument :
BNA_G
ClientSampleId :
PPSP-B18-18.0-18.5

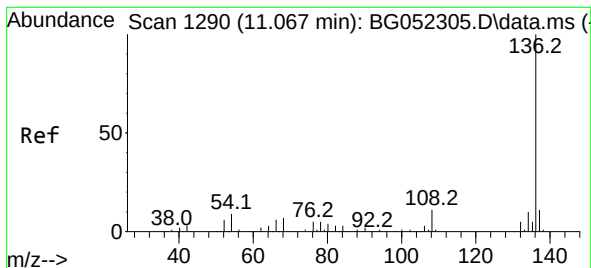
Tgt Ion: 99 Resp: 233119
Ion Ratio Lower Upper
99 100
42 18.2 19.1 28.7#
71 37.5 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.154 ng
RT: 9.392 min Scan# 1005
Delta R.T. 0.364 min
Lab File: BG052526.D
Acq: 1 Mar 2022 19:36

Tgt Ion: 70 Resp: 22221
Ion Ratio Lower Upper
70 100
42 48.3 51.8 77.6#
101 0.0 6.6 10.0#
130 2.2 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.060 min Scan# 1100

Delta R.T. -0.007 min

Lab File: BG052526.D

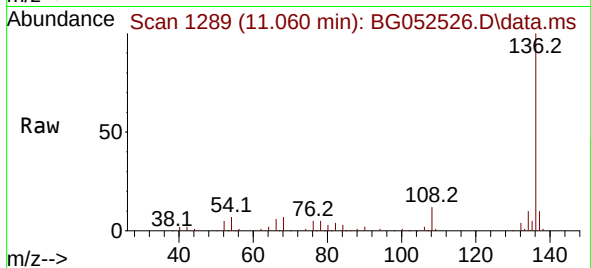
Acq: 1 Mar 2022 19:36

Instrument :

BNA_G

ClientSampleId :

PPSP-B18-18.0-18.5



Tgt Ion:136 Resp: 117762

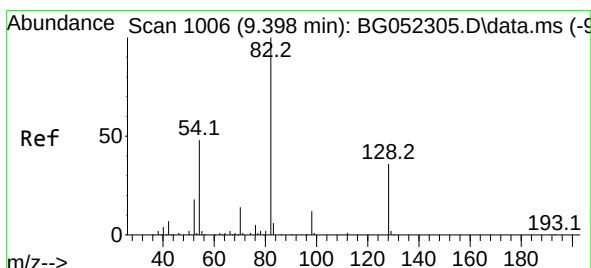
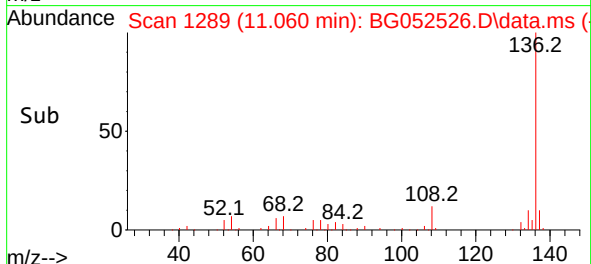
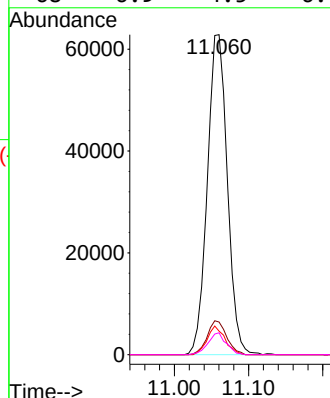
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 7.4 8.3 12.5#

68 6.9 4.5 6.7#



#23

Nitrobenzene-d5

Concen: 60.646 ng

RT: 9.392 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BG052526.D

Acq: 1 Mar 2022 19:36

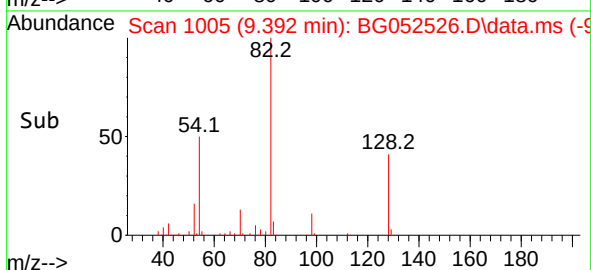
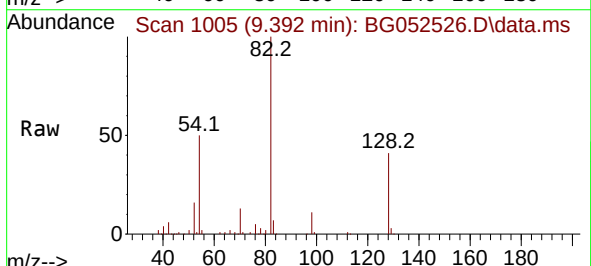
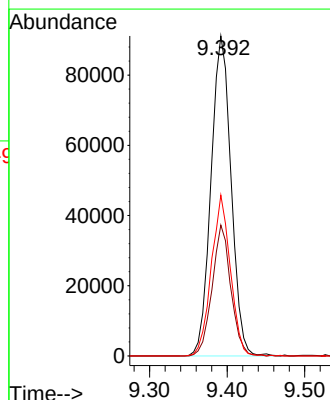
Tgt Ion: 82 Resp: 164327

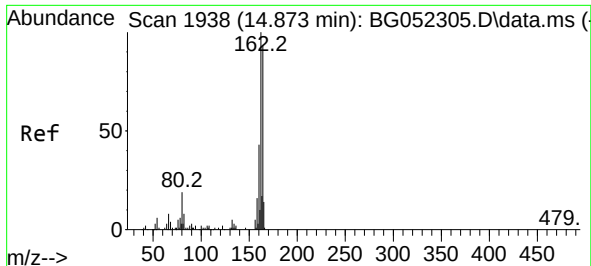
Ion Ratio Lower Upper

82 100

128 40.9 27.0 40.4#

54 50.2 41.0 61.6

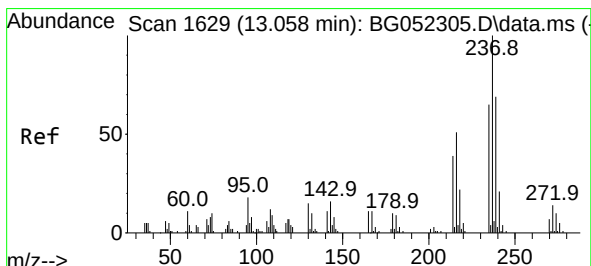
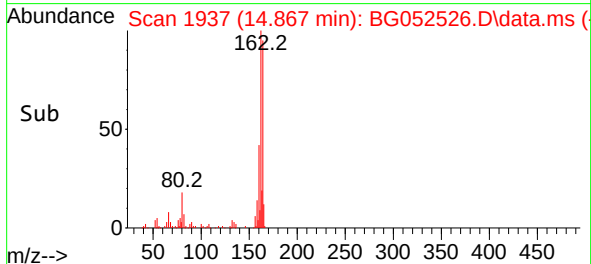
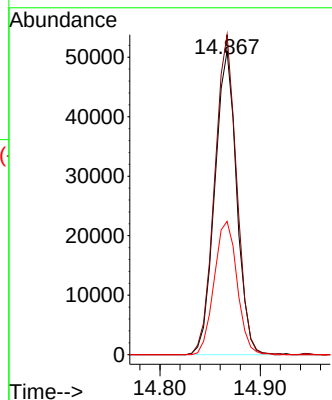
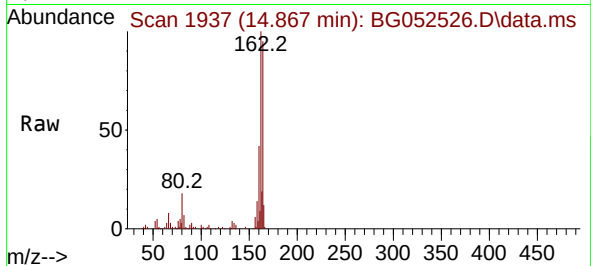




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG052526.D
Acq: 1 Mar 2022 19:36

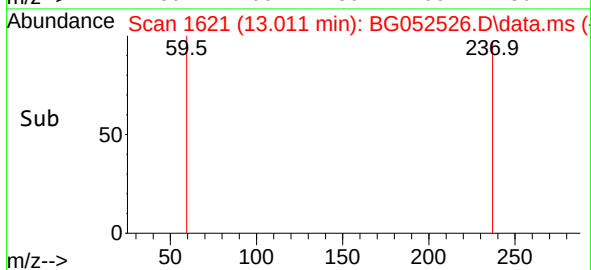
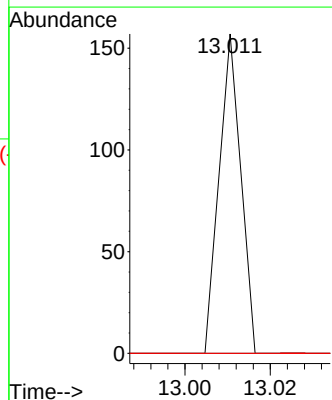
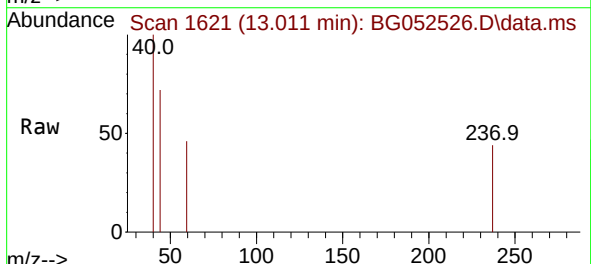
Instrument :
BNA_G
ClientSampleId :
PPSP-B18-18.0-18.5

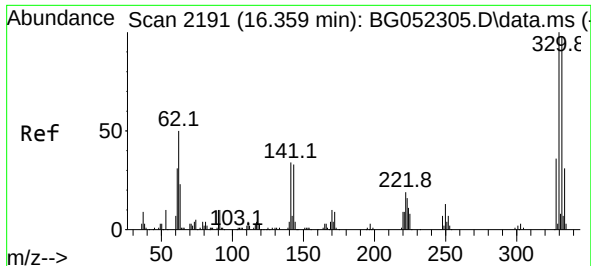
Tgt Ion:164 Resp: 77181
Ion Ratio Lower Upper
164 100
162 105.4 82.2 123.2
160 43.9 36.2 54.2



#41
Hexachlorocyclopentadiene
Concen: 5.301 ng
RT: 13.011 min Scan# 1621
Delta R.T. -0.047 min
Lab File: BG052526.D
Acq: 1 Mar 2022 19:36

Tgt Ion:237 Resp: 55
Ion Ratio Lower Upper
237 100
235 0.0 45.9 85.9#
272 0.0 0.0 33.0





#42

2,4,6-Tribromophenol

Concen: 93.381 ng

RT: 16.353 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG052526.D

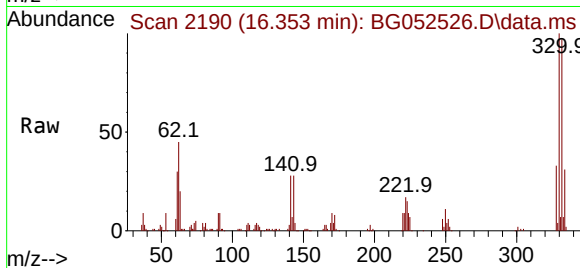
Acq: 1 Mar 2022 19:36

Instrument :

BNA_G

ClientSampleId :

PPSP-B18-18.0-18.5



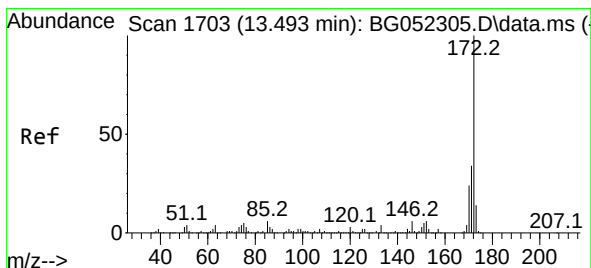
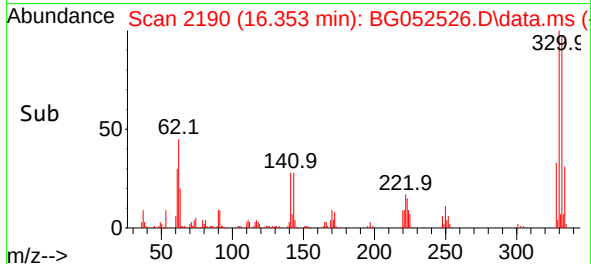
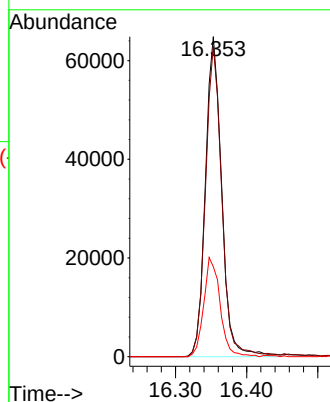
Tgt Ion:330 Resp: 103543

Ion Ratio Lower Upper

330 100

332 97.3 78.6 117.8

141 31.1 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 66.350 ng

RT: 13.486 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BG052526.D

Acq: 1 Mar 2022 19:36

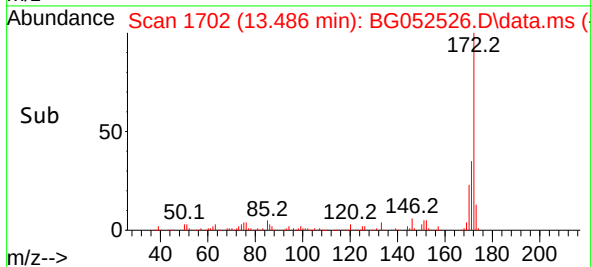
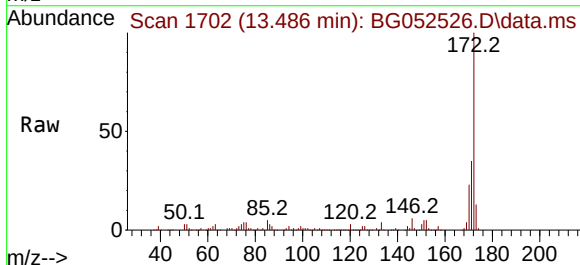
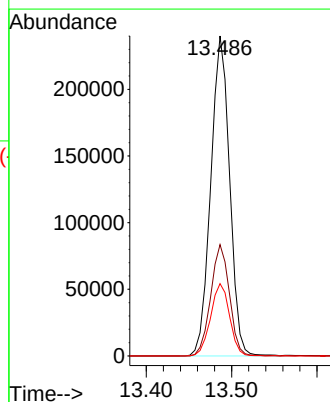
Tgt Ion:172 Resp: 368536

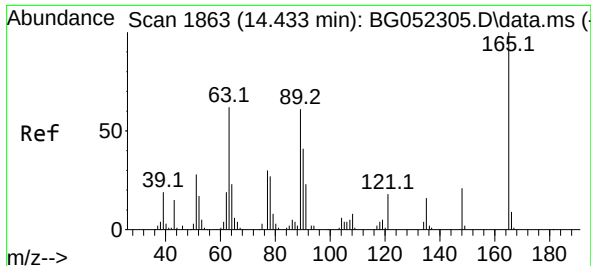
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 22.6 18.3 27.5





#51

2,6-Dinitrotoluene

Concen: 8.181 ng

RT: 14.867 min Scan# 1937

Delta R.T. 0.434 min

Lab File: BG052526.D

Acq: 1 Mar 2022 19:36

Instrument :

BNA_G

ClientSampleId :

PPSP-B18-18.0-18.5

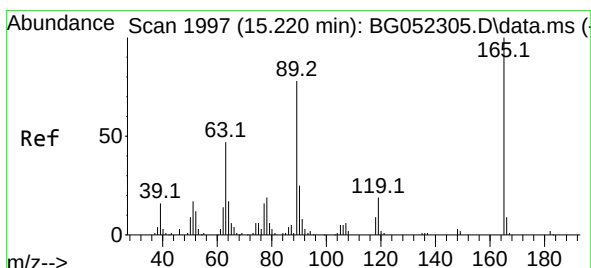
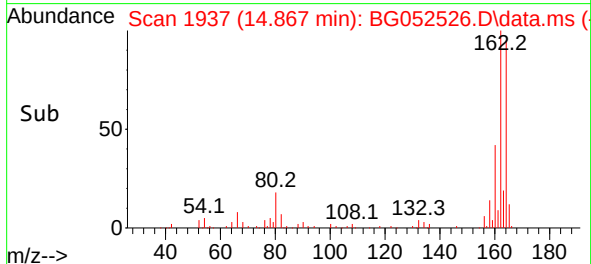
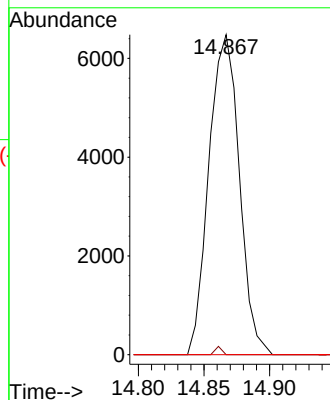
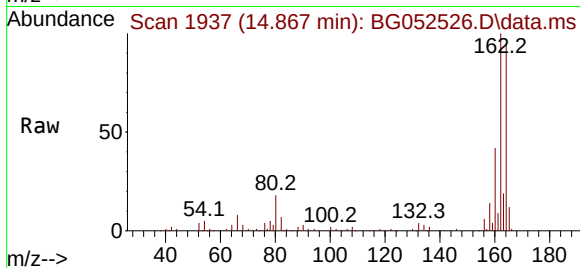
Tgt Ion:165 Resp: 10438

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: 5.748 ng

RT: 14.867 min Scan# 1937

Delta R.T. -0.353 min

Lab File: BG052526.D

Acq: 1 Mar 2022 19:36

Tgt Ion:165 Resp: 10438

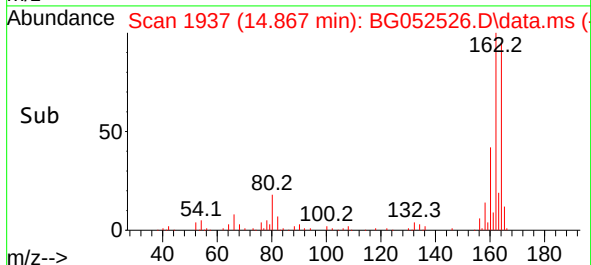
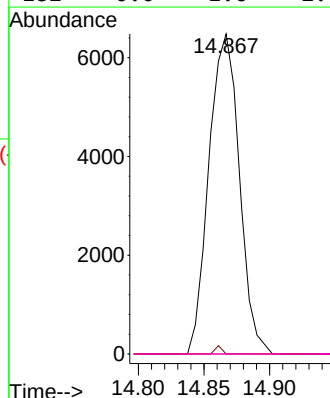
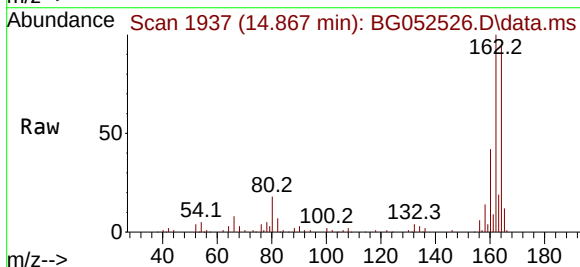
Ion Ratio Lower Upper

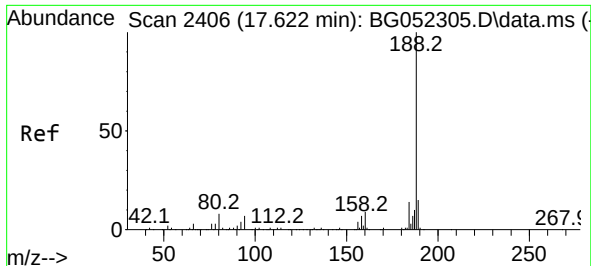
165 100

63 0.0 44.6 66.8#

89 0.0 67.4 101.0#

182 0.0 1.6 2.4#

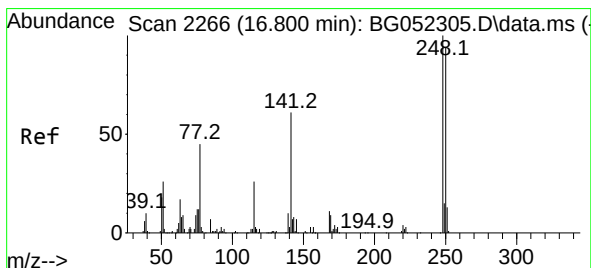
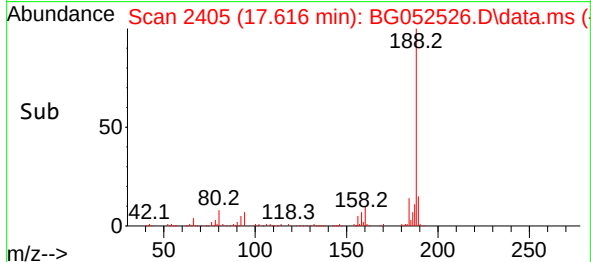
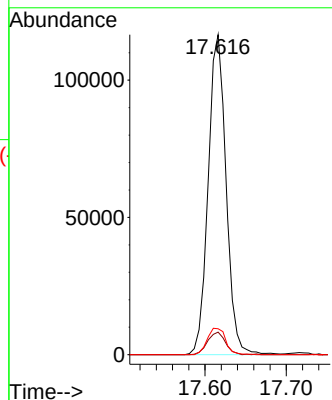
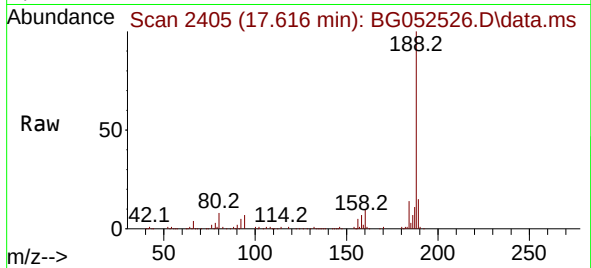




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG052526.D
Acq: 1 Mar 2022 19:36

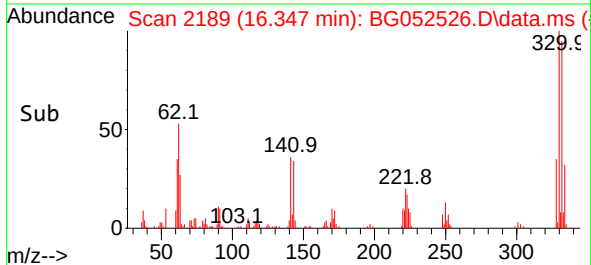
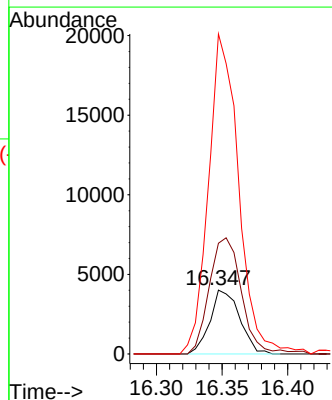
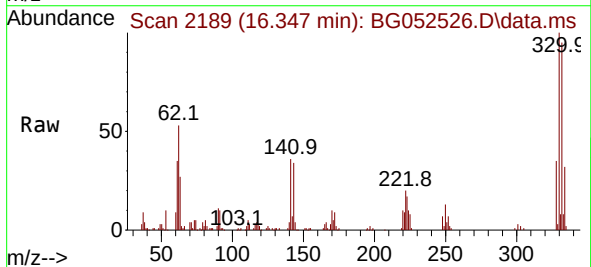
Instrument :
BNA_G
ClientSampleId :
PPSP-B18-18.0-18.5

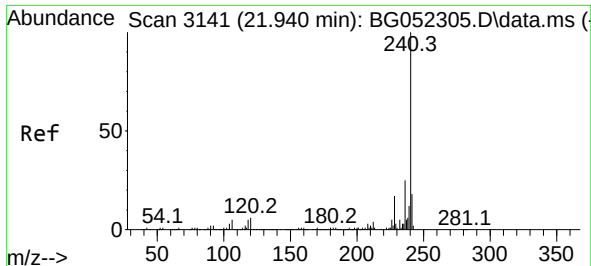
Tgt Ion:188 Resp: 178289
Ion Ratio Lower Upper
188 100
94 7.1 5.9 8.9
80 8.1 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 2.907 ng
RT: 16.347 min Scan# 2189
Delta R.T. -0.453 min
Lab File: BG052526.D
Acq: 1 Mar 2022 19:36

Tgt Ion:248 Resp: 6303
Ion Ratio Lower Upper
248 100
250 173.7 79.6 119.4#
141 501.7 54.6 81.8#

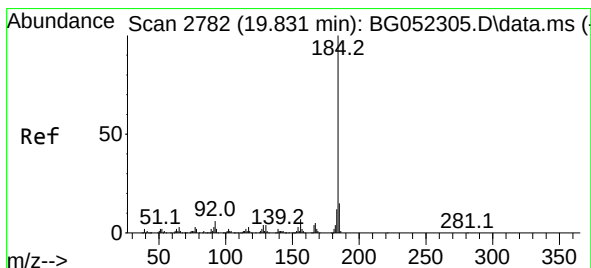
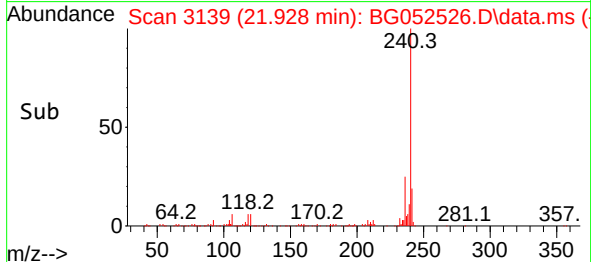
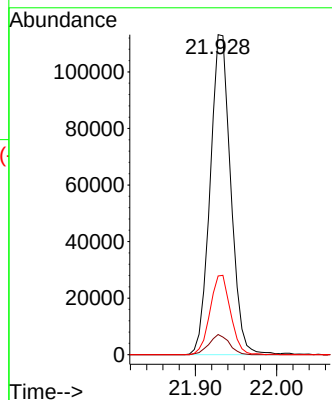
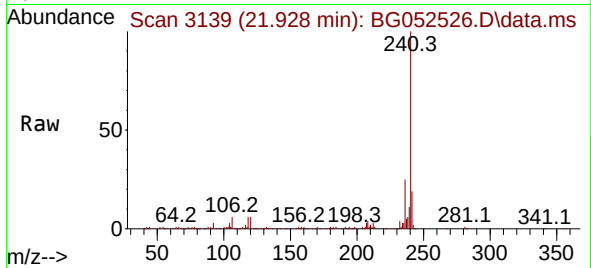




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3141
Delta R.T. -0.012 min
Lab File: BG052526.D
Acq: 1 Mar 2022 19:36

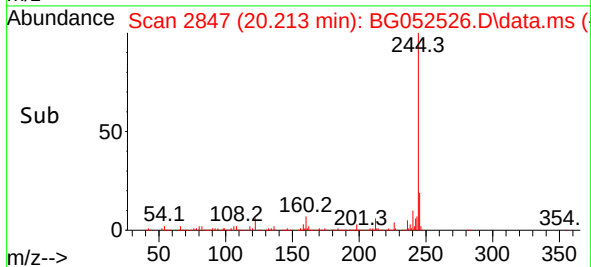
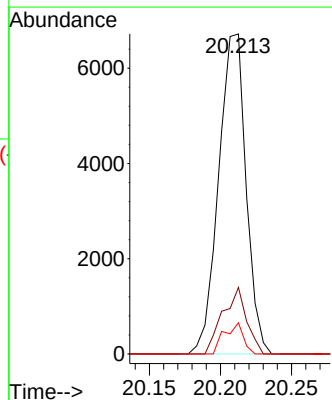
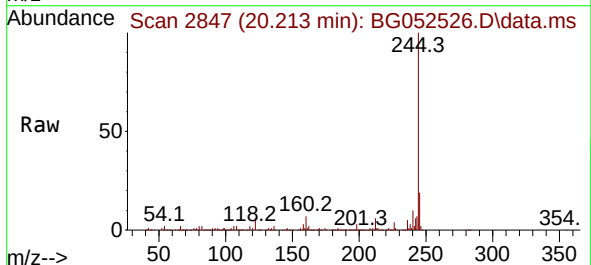
Instrument :
BNA_G
ClientSampleId :
PPSP-B18-18.0-18.5

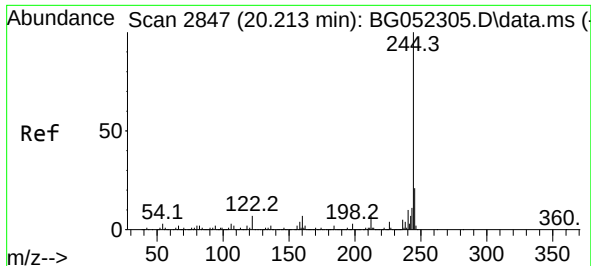
Tgt Ion:240 Resp: 198922
Ion Ratio Lower Upper
240 100
120 6.3 4.4 6.6
236 24.6 20.8 31.2



#77
Benzidine
Concen: 2.122 ng
RT: 20.213 min Scan# 2847
Delta R.T. 0.381 min
Lab File: BG052526.D
Acq: 1 Mar 2022 19:36

Tgt Ion:184 Resp: 9021
Ion Ratio Lower Upper
184 100
185 20.8 11.8 17.8#
183 9.8 9.8 14.6

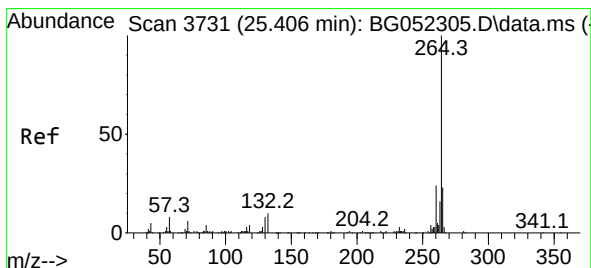
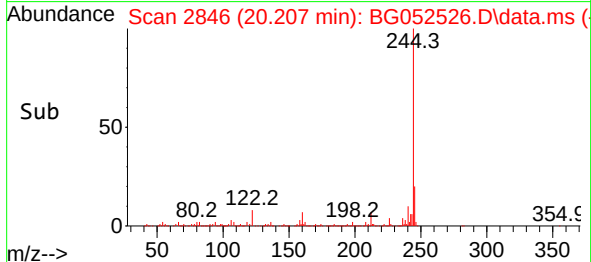
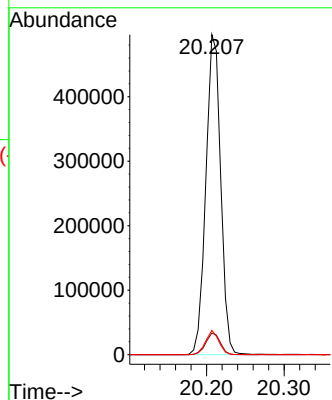
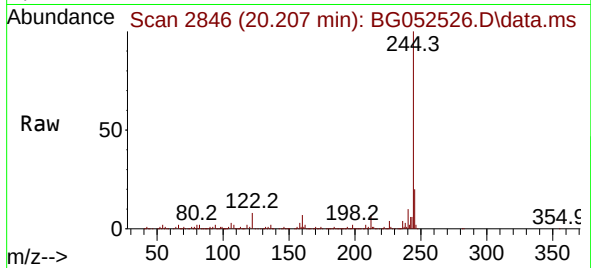




#79
 Terphenyl-d14
 Concen: 58.429 ng
 RT: 20.207 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG052526.D
 Acq: 1 Mar 2022 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PPSP-B18-18.0-18.5

Tgt Ion:244 Resp: 658197
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 7.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.394 min Scan# 3729
 Delta R.T. -0.012 min
 Lab File: BG052526.D
 Acq: 1 Mar 2022 19:36

Tgt Ion:264 Resp: 206947
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.5 27.7
 265 20.2 17.8 26.6

