

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053326.D
 Acq On : 26 Apr 2022 18:52
 Operator : CG/JU
 Sample : N2482-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COP-2R

Quant Time: Apr 27 03:37:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

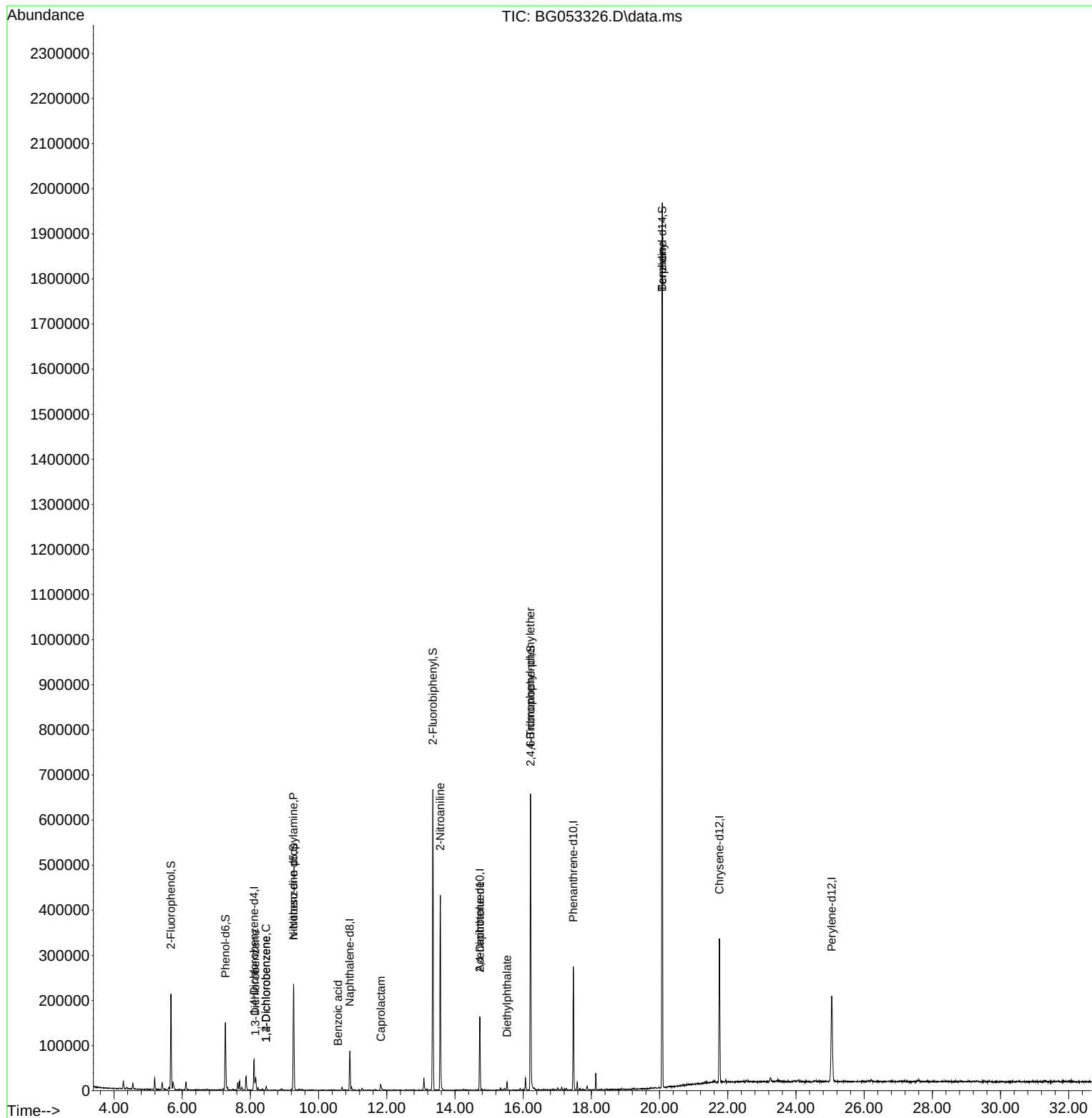
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.107	152	18156	20.000	ng	0.00
21) Naphthalene-d8	10.915	136	73675	20.000	ng	0.00
39) Acenaphthene-d10	14.727	164	60223	20.000	ng	0.00
64) Phenanthrene-d10	17.470	188	175532	20.000	ng	-0.01
76) Chrysene-d12	21.753	240	213210	20.000	ng	-0.01
86) Perylene-d12	25.048	264	213796	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	89790	84.774	ng	0.00
7) Phenol-d6	7.267	99	88925	54.444	ng	0.00
23) Nitrobenzene-d5	9.264	82	153784	84.753	ng	-0.01
42) 2,4,6-Tribromophenol	16.219	330	141001	147.164	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	344708	78.927	ng	0.00
79) Terphenyl-d14	20.079	244	1030209	81.606	ng	0.00
Target Compounds						
						Qvalue
12) 1,3-Dichlorobenzene	8.142	146	5722	4.306	ng	93
13) 1,4-Dichlorobenzene	8.459	146	3312	2.445	ng	88
14) 1,2-Dichlorobenzene	8.459	146	3312	2.535	ng	90
19) n-Nitroso-di-n-propyla...	9.264	70	22167	18.538	ng	# 86
32) Benzoic acid	10.568	122	56	3.704	ng	# 1
35) Caprolactam	11.831	113	2567	5.481	ng	91
48) 2-Nitroaniline	13.570	65	14812	11.280	ng	# 16
57) 2,4-Dinitrotoluene	14.727	165	8168	5.709	ng	# 24
60) Diethylphthalate	15.526	149	10212	2.023	ng	94
67) 4-Bromophenyl-phenylether	16.213	248	8895	3.955	ng	# 1
77) Benzidine	20.079	184	17352	2.852	ng	# 92

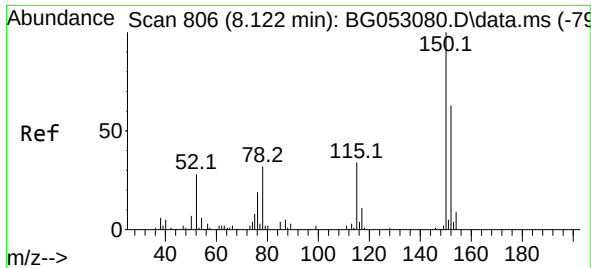
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053326.D
Acq On : 26 Apr 2022 18:52
Operator : CG/JU
Sample : N2482-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COP-2R

Quant Time: Apr 27 03:37:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

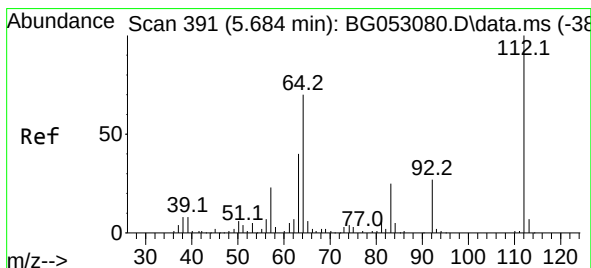
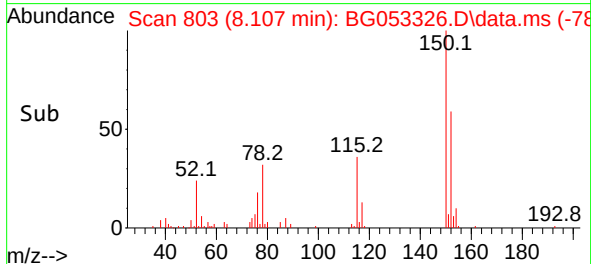
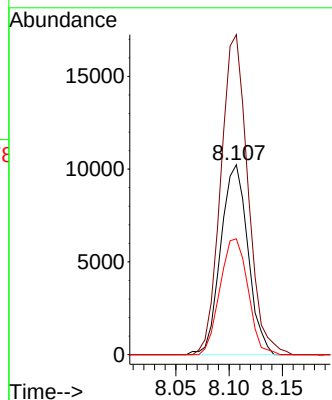
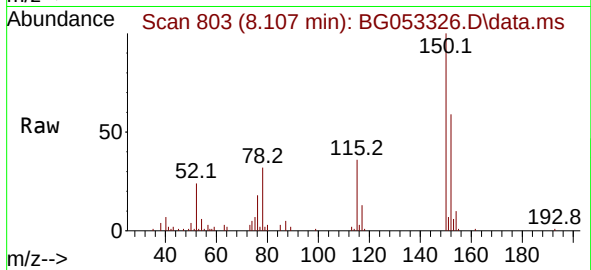




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.107 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BG053326.D
 Acq: 26 Apr 2022 18:52

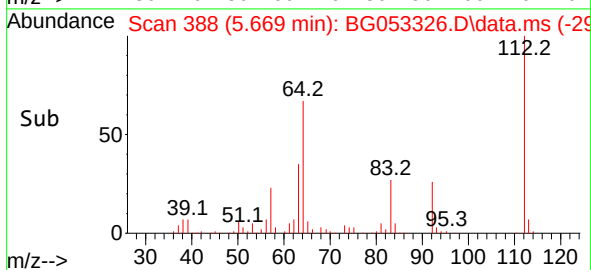
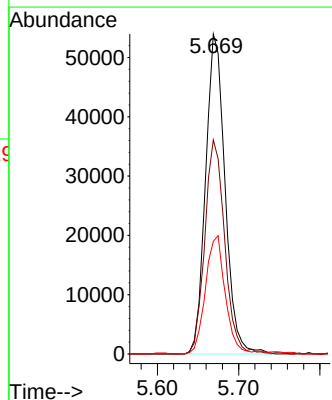
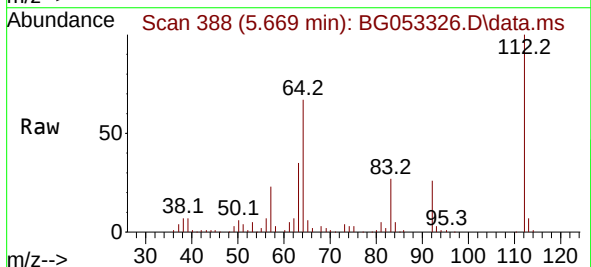
Instrument :
 BNA_G
 ClientSampleId :
 COP-2R

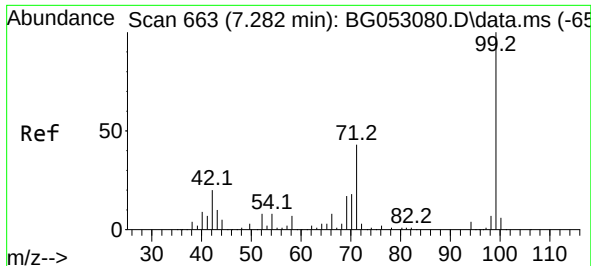
Tgt Ion:152 Resp: 18156
 Ion Ratio Lower Upper
 152 100
 150 168.4 114.6 172.0
 115 61.0 45.9 68.9



#5
 2-Fluorophenol
 Concen: 84.774 ng
 RT: 5.669 min Scan# 388
 Delta R.T. -0.007 min
 Lab File: BG053326.D
 Acq: 26 Apr 2022 18:52

Tgt Ion:112 Resp: 89790
 Ion Ratio Lower Upper
 112 100
 64 66.9 48.0 72.0
 63 35.2 26.5 39.7

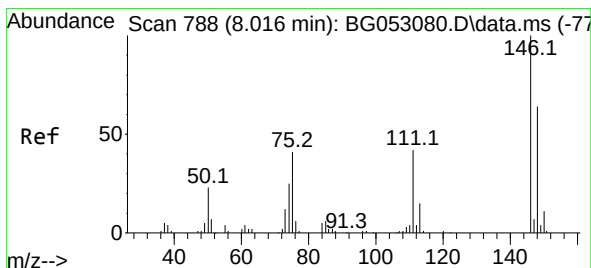
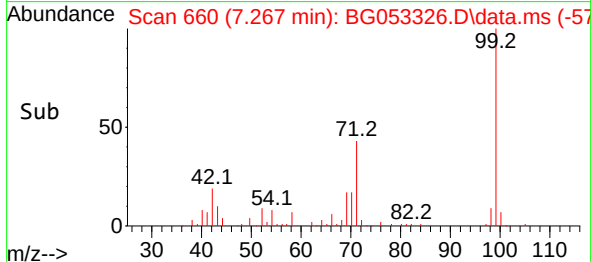
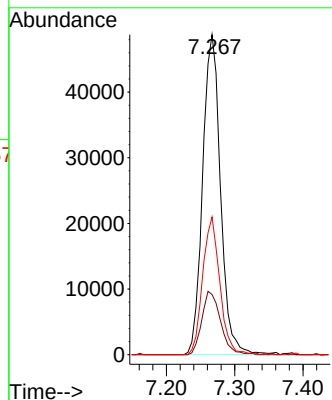
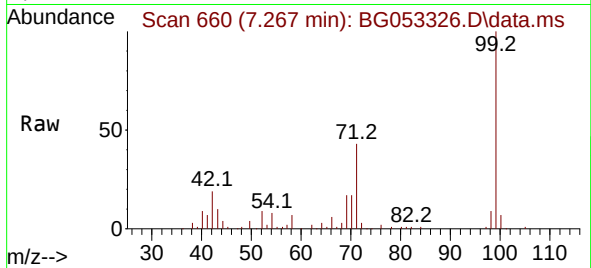




#7
Phenol-d6
Concen: 54.444 ng
RT: 7.267 min Scan# 609
Delta R.T. -0.007 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

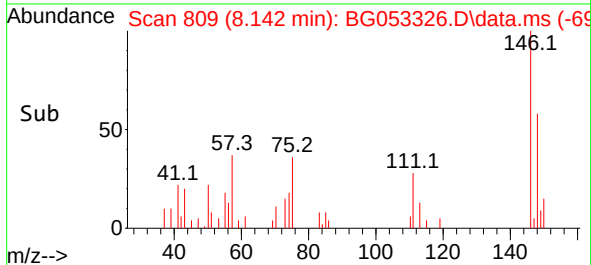
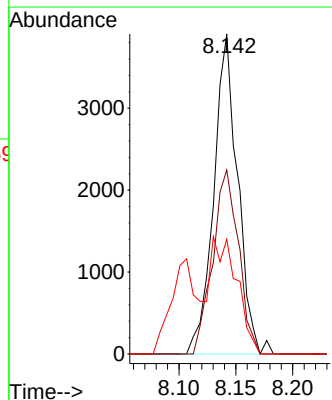
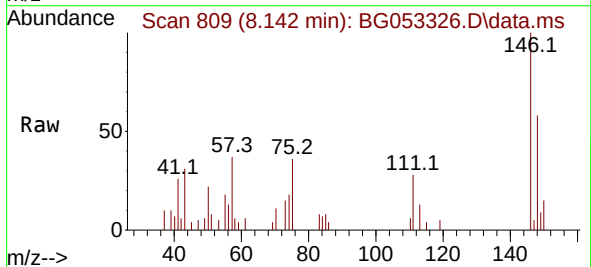
Instrument :
BNA_G
ClientSampleId :
COP-2R

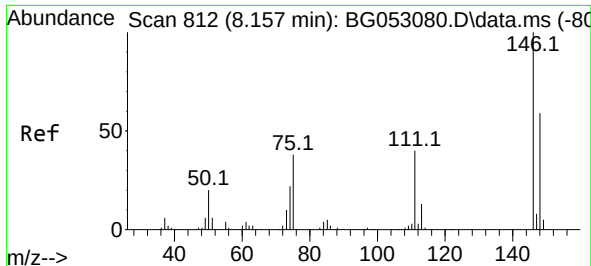
Tgt Ion: 99 Resp: 88925
Ion Ratio Lower Upper
99 100
42 18.8 14.7 22.1
71 43.0 29.2 43.8



#12
1,3-Dichlorobenzene
Concen: 4.306 ng
RT: 8.142 min Scan# 809
Delta R.T. 0.140 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

Tgt Ion: 146 Resp: 5722
Ion Ratio Lower Upper
146 100
148 57.5 50.6 76.0
75 35.9 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 2.445 ng

RT: 8.459 min Scan# 80

Delta R.T. 0.310 min

Lab File: BG053326.D

Acq: 26 Apr 2022 18:52

Instrument :

BNA_G

ClientSampleId :

COP-2R

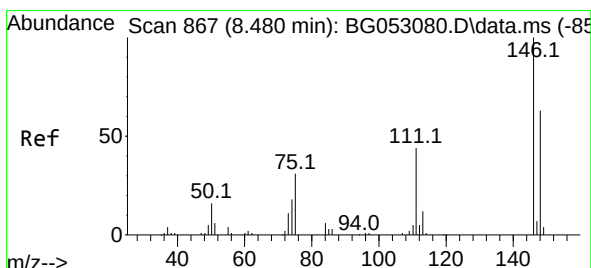
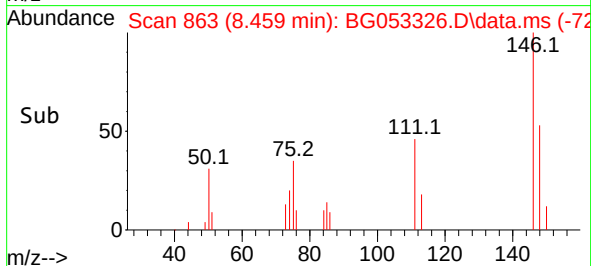
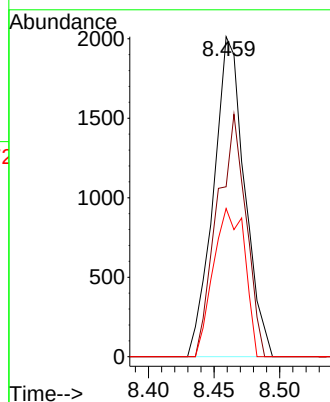
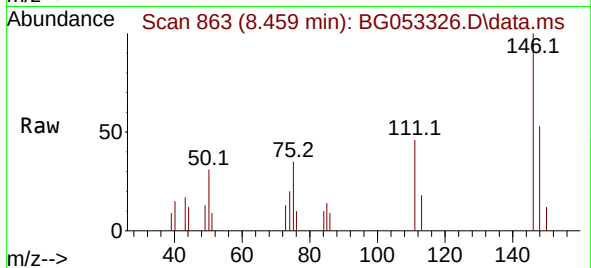
Tgt Ion:146 Resp: 3312

Ion Ratio Lower Upper

146 100

148 53.1 50.0 75.0

111 46.3 31.0 46.4



#14

1,2-Dichlorobenzene

Concen: 2.535 ng

RT: 8.459 min Scan# 863

Delta R.T. -0.013 min

Lab File: BG053326.D

Acq: 26 Apr 2022 18:52

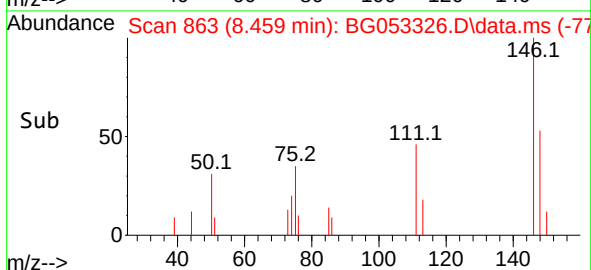
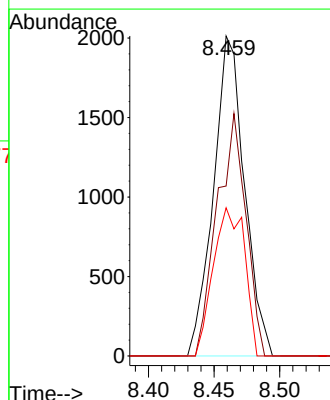
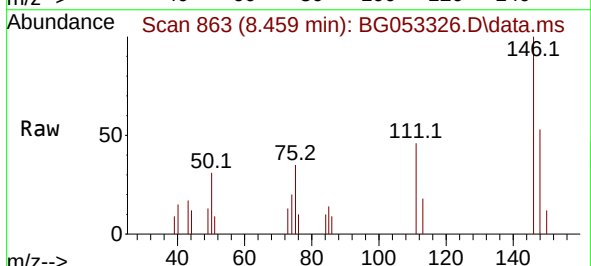
Tgt Ion:146 Resp: 3312

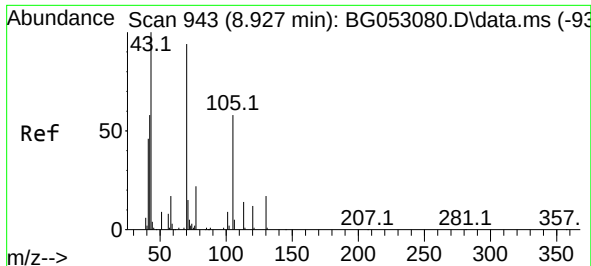
Ion Ratio Lower Upper

146 100

148 53.1 51.0 76.6

111 46.3 34.7 52.1

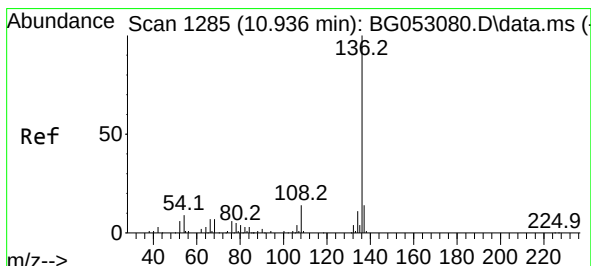
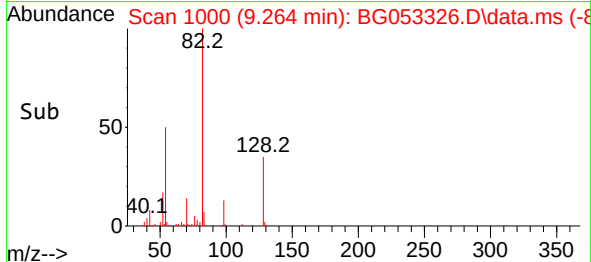
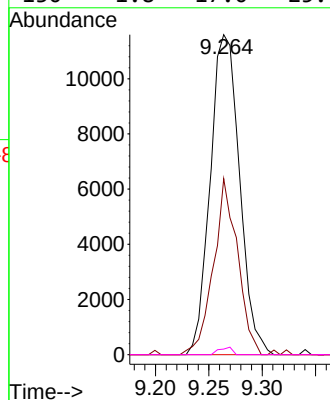
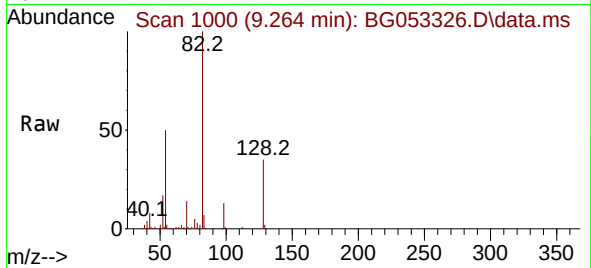




#19
n-Nitroso-di-n-propylamine
Concen: 18.538 ng
RT: 9.264 min Scan# 10
Delta R.T. 0.352 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

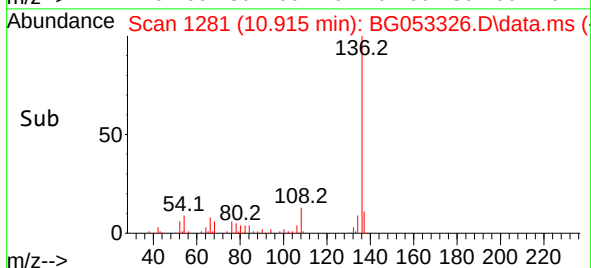
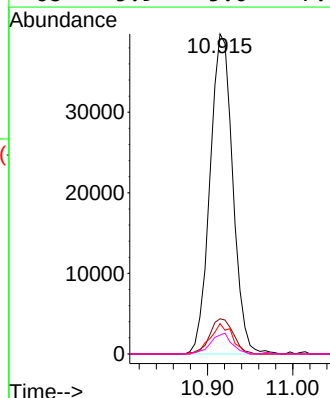
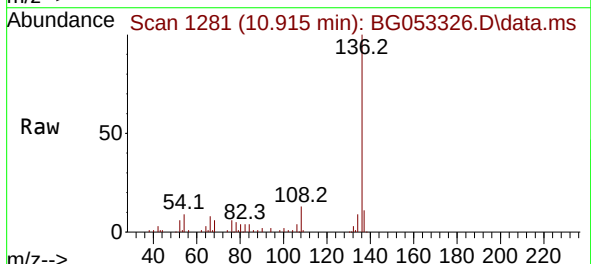
Instrument :
BNA_G
ClientSampleId :
COP-2R

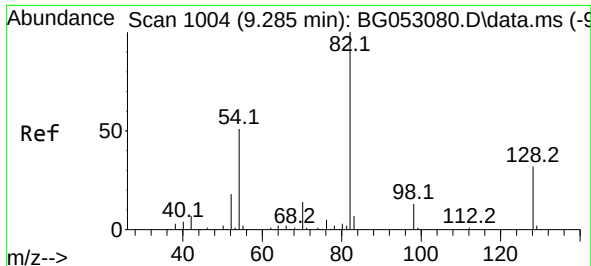
Tgt Ion: 70 Resp: 22167
Ion Ratio Lower Upper
70 100
42 55.0 46.0 69.0
101 0.0 6.2 9.4#
130 1.8 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.915 min Scan# 1281
Delta R.T. -0.007 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

Tgt Ion: 136 Resp: 73675
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 9.5 6.4 9.6
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 84.753 ng

RT: 9.264 min Scan# 1000

Delta R.T. -0.013 min

Lab File: BG053326.D

Acq: 26 Apr 2022 18:52

Instrument :

BNA_G

ClientSampleId :

COP-2R

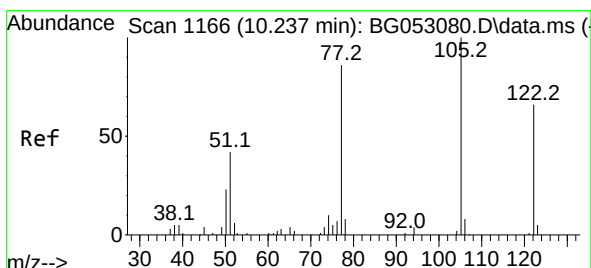
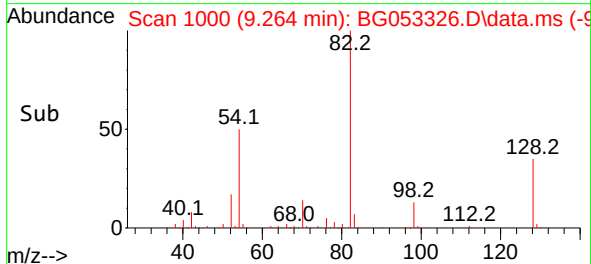
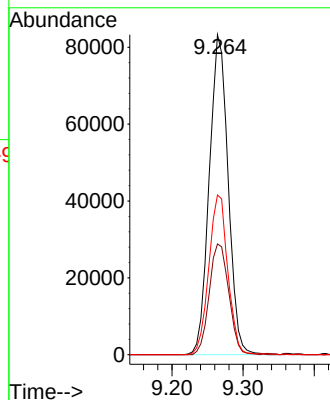
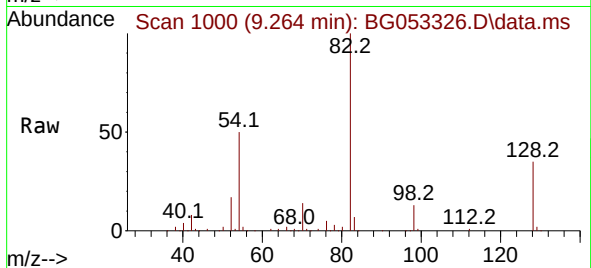
Tgt Ion: 82 Resp: 153784

Ion Ratio Lower Upper

82 100

128 34.6 31.3 46.9

54 49.9 37.8 56.8



#32

Benzoic acid

Concen: 3.704 ng

RT: 10.568 min Scan# 1222

Delta R.T. 0.334 min

Lab File: BG053326.D

Acq: 26 Apr 2022 18:52

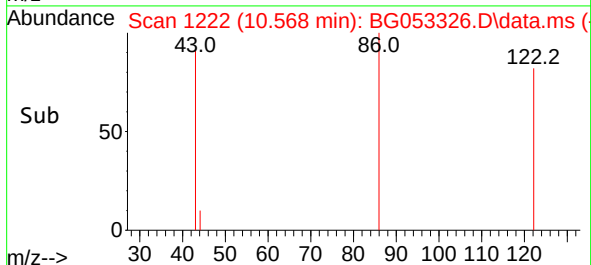
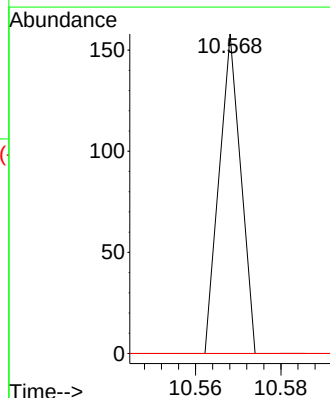
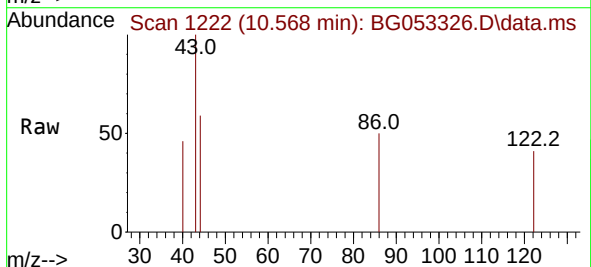
Tgt Ion:122 Resp: 56

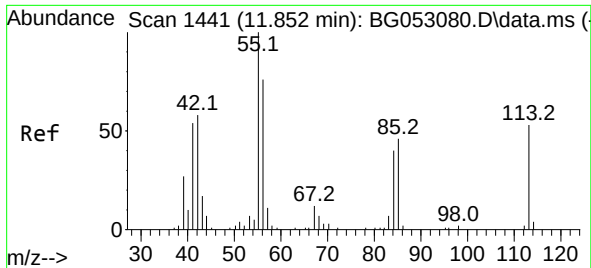
Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#

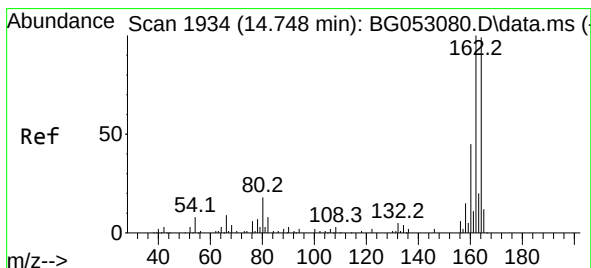
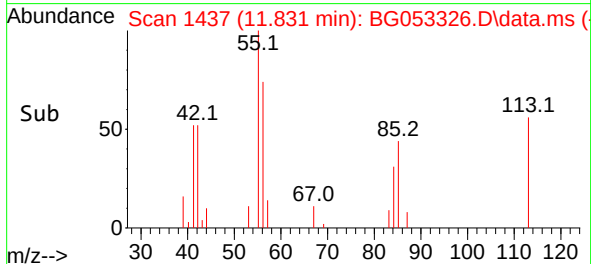
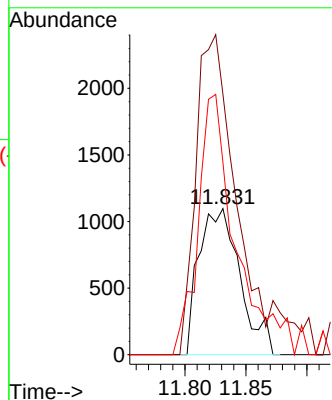
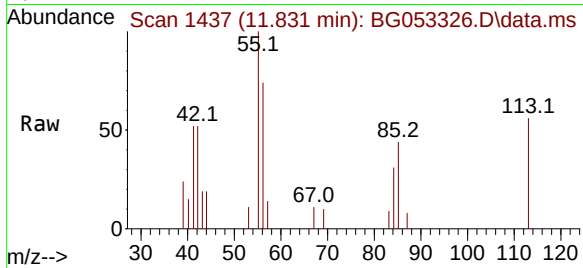




#35
 Caprolactam
 Concen: 5.481 ng
 RT: 11.831 min Scan# 14
 Delta R.T. -0.019 min
 Lab File: BG053326.D
 Acq: 26 Apr 2022 18:52

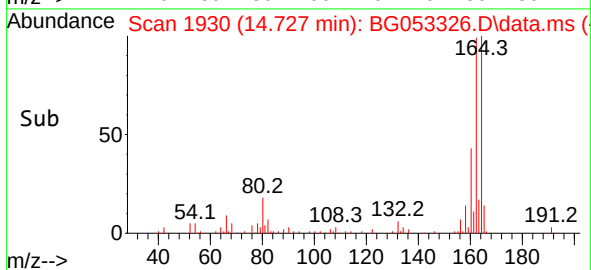
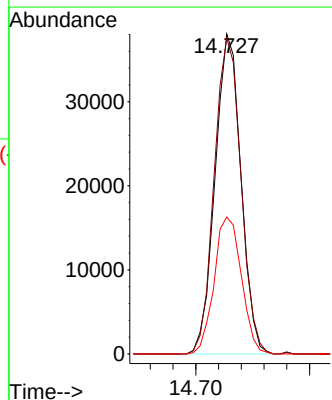
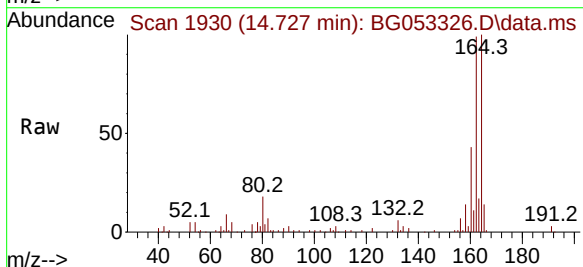
Instrument :
 BNA_G
 ClientSampleId :
 COP-2R

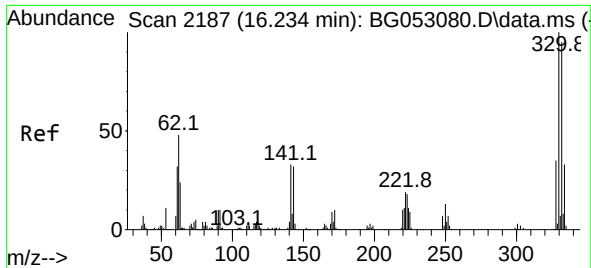
Tgt Ion:113 Resp: 2567
 Ion Ratio Lower Upper
 113 100
 55 178.3 151.3 191.3
 56 131.6 128.5 168.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.727 min Scan# 1930
 Delta R.T. -0.007 min
 Lab File: BG053326.D
 Acq: 26 Apr 2022 18:52

Tgt Ion:164 Resp: 60223
 Ion Ratio Lower Upper
 164 100
 162 98.6 80.0 120.0
 160 42.8 38.8 58.2

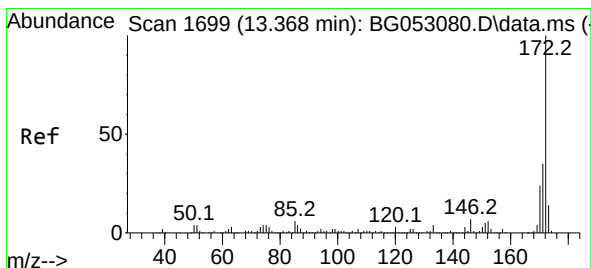
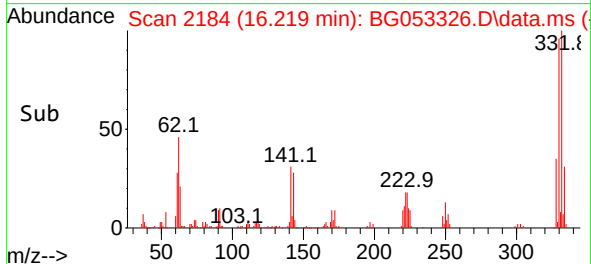
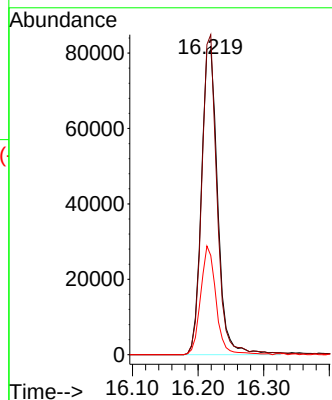
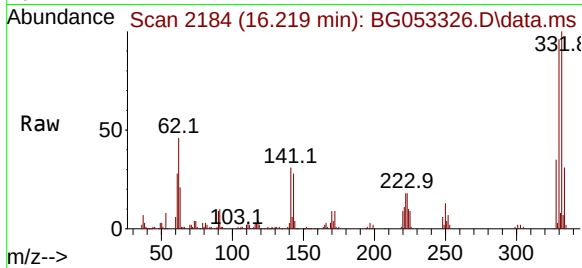




#42
2,4,6-Tribromophenol
Concen: 147.164 ng
RT: 16.219 min Scan# 2187
Delta R.T. -0.007 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

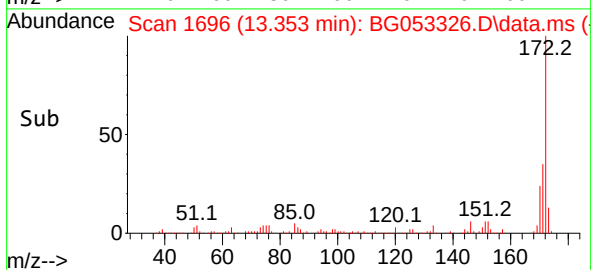
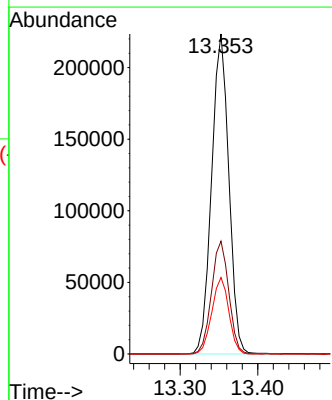
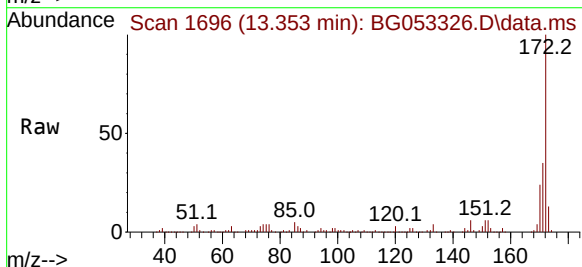
Instrument :
BNA_G
ClientSampleId :
COP-2R

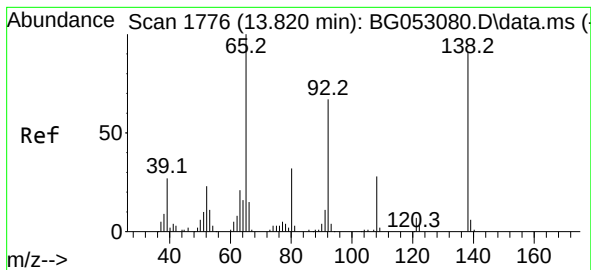
Tgt Ion:330 Resp: 141001
Ion Ratio Lower Upper
330 100
332 97.4 75.8 113.6
141 33.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 78.927 ng
RT: 13.353 min Scan# 1696
Delta R.T. -0.007 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

Tgt Ion:172 Resp: 344708
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.9 18.0 27.0





#48

2-Nitroaniline

Concen: 11.280 ng

RT: 13.570 min Scan# 1

Delta R.T. -0.242 min

Lab File: BG053326.D

Acq: 26 Apr 2022 18:52

Instrument :

BNA_G

ClientSampleId :

COP-2R

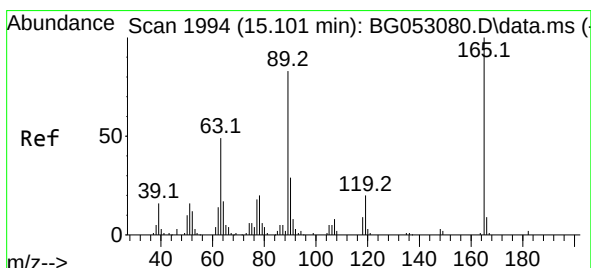
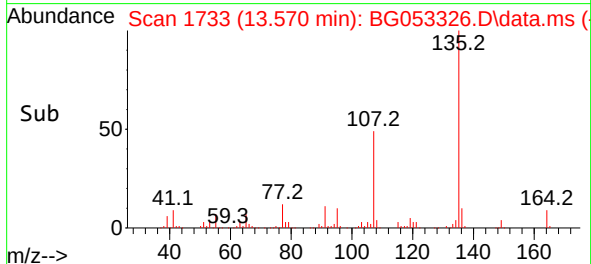
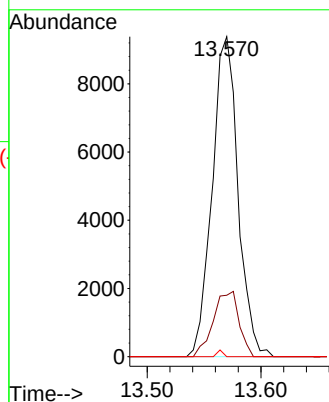
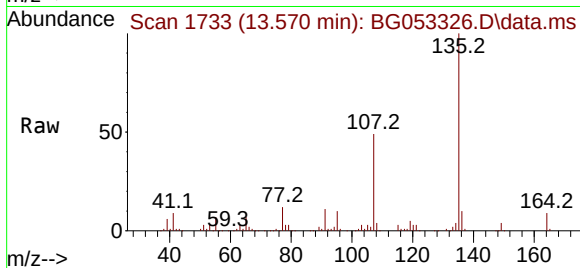
Tgt Ion: 65 Resp: 14812

Ion Ratio Lower Upper

65 100

92 19.2 52.1 78.1#

138 0.0 80.1 120.1#



#57

2,4-Dinitrotoluene

Concen: 5.709 ng

RT: 14.727 min Scan# 1930

Delta R.T. -0.365 min

Lab File: BG053326.D

Acq: 26 Apr 2022 18:52

Tgt Ion: 165 Resp: 8168

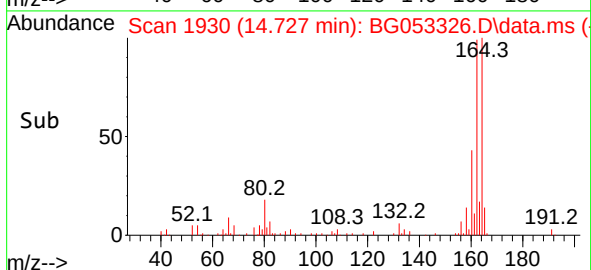
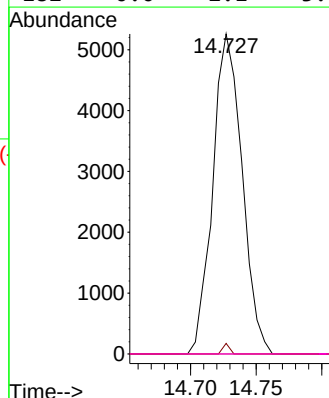
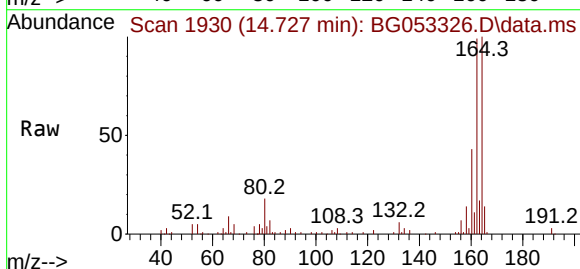
Ion Ratio Lower Upper

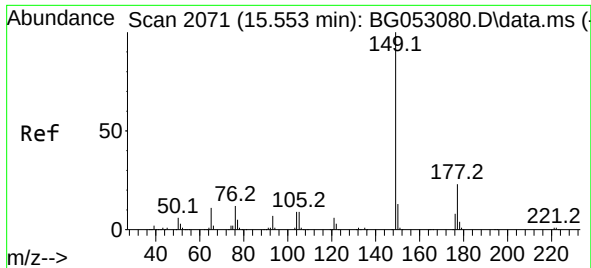
165 100

63 3.3 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#

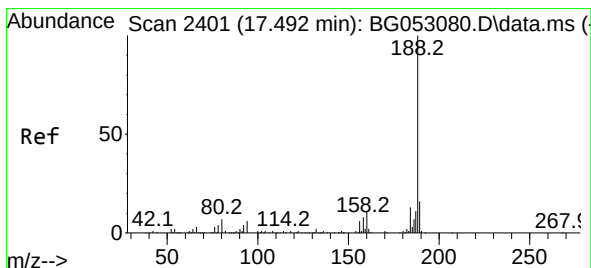
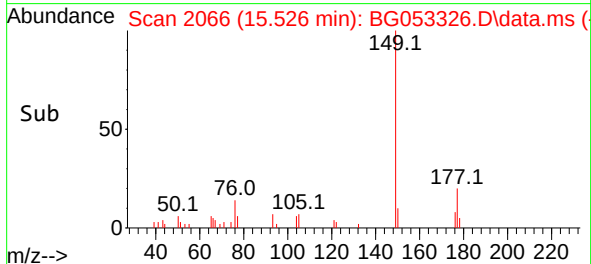
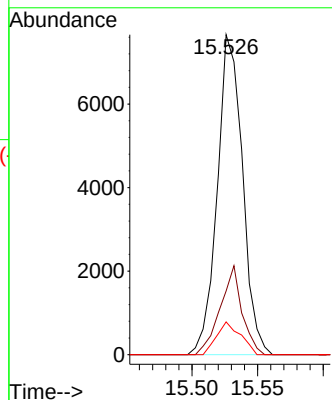
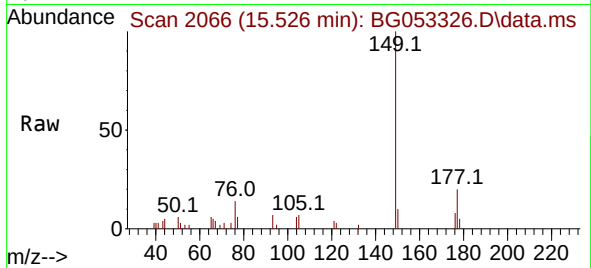




#60
Diethylphthalate
Concen: 2.023 ng
RT: 15.526 min Scan# 2071
Delta R.T. -0.013 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

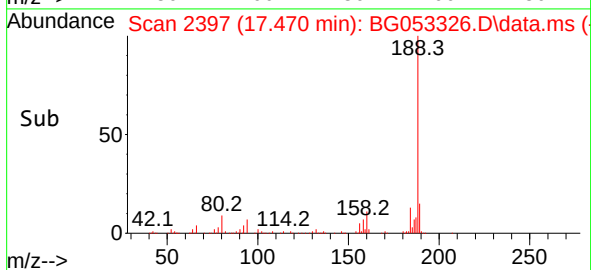
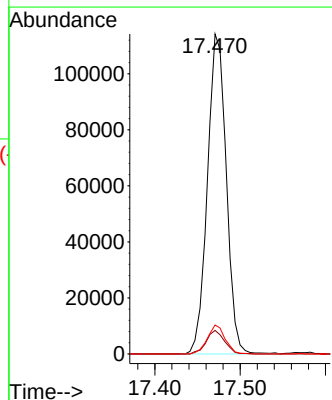
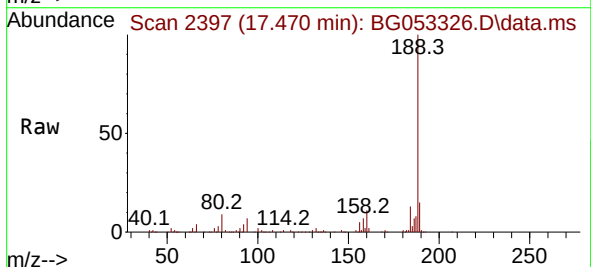
Instrument :
BNA_G
ClientSampleId :
COP-2R

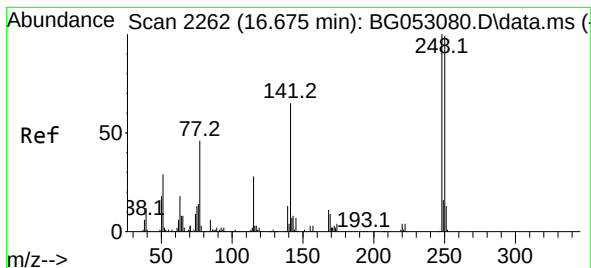
Tgt Ion:149 Resp: 10212
Ion Ratio Lower Upper
149 100
177 19.9 18.2 27.2
150 10.3 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.470 min Scan# 2397
Delta R.T. -0.013 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

Tgt Ion:188 Resp: 175532
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 9.1 7.2 10.8

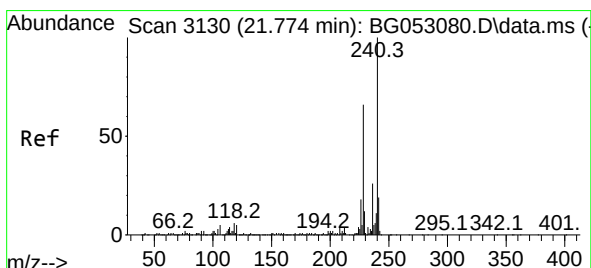
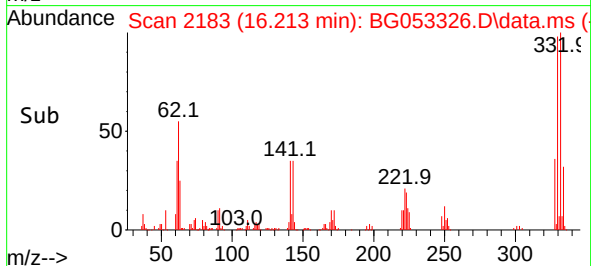
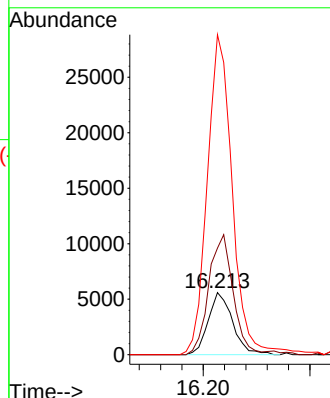
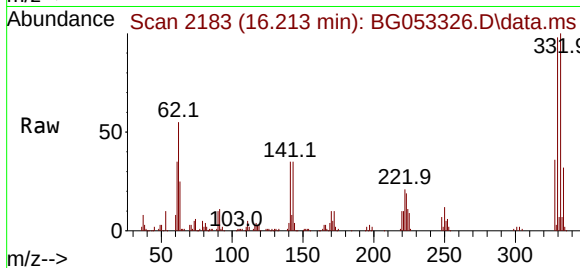




#67
4-Bromophenyl-phenylether
Concen: 3.955 ng
RT: 16.213 min Scan# 2118
Delta R.T. -0.447 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

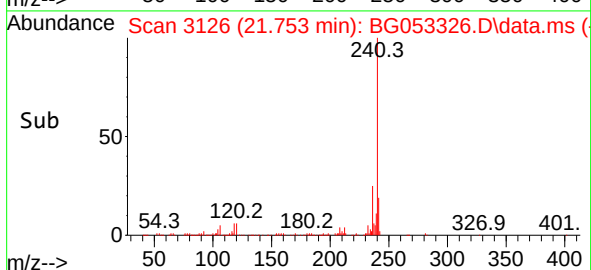
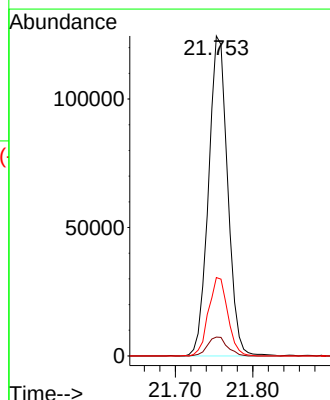
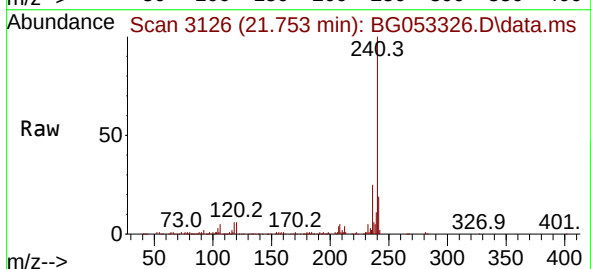
Instrument :
BNA_G
ClientSampleId :
COP-2R

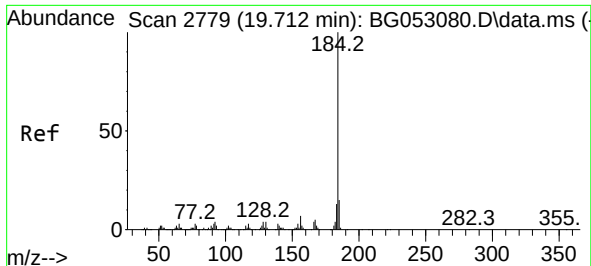
Tgt Ion:248 Resp: 8895
Ion Ratio Lower Upper
248 100
250 171.9 77.9 116.9#
141 515.9 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.753 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

Tgt Ion:240 Resp: 213210
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 24.5 19.8 29.6

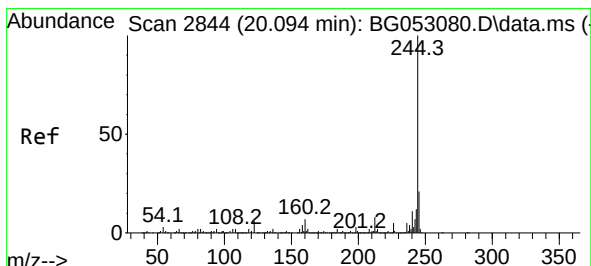
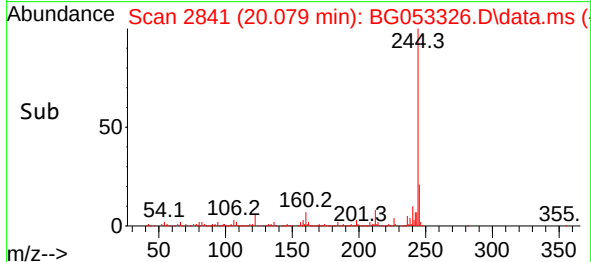
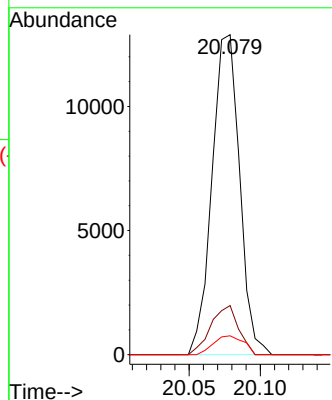
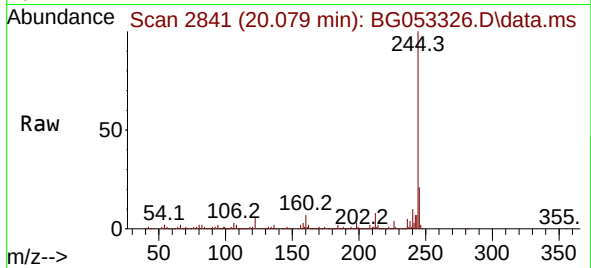




#77
Benzidine
Concen: 2.852 ng
RT: 20.079 min Scan# 2841
Delta R.T. 0.375 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

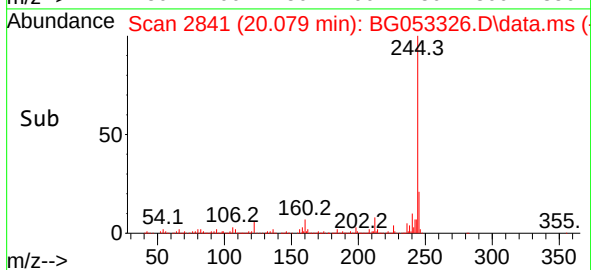
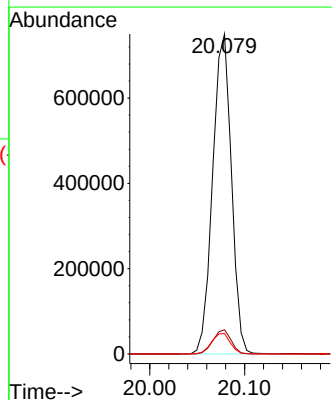
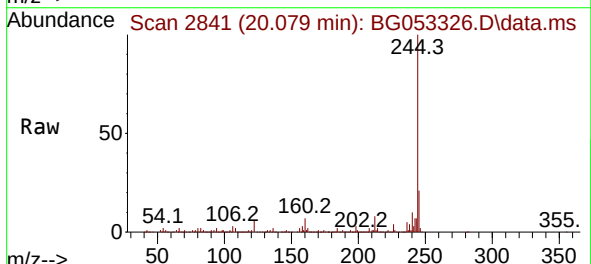
Instrument :
BNA_G
ClientSampleId :
COP-2R

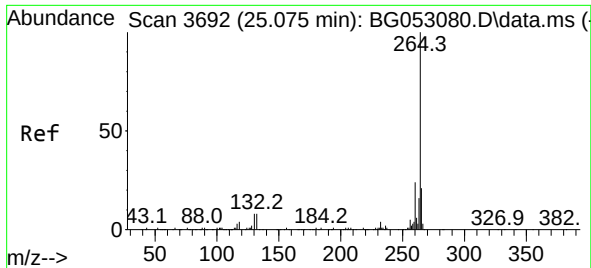
Tgt Ion:184 Resp: 17352
Ion Ratio Lower Upper
184 100
185 15.3 11.5 17.3
183 5.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 81.606 ng
RT: 20.079 min Scan# 2841
Delta R.T. -0.007 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

Tgt Ion:244 Resp: 1030209
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.048 min Scan# 30
 Delta R.T. -0.013 min
 Lab File: BG053326.D
 Acq: 26 Apr 2022 18:52

Instrument :
 BNA_G
 ClientSampleId :
 COP-2R

Tgt Ion:264 Resp: 213796
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.2
 265 22.0 15.1 22.7

