

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053337.D
 Acq On : 27 Apr 2022 2:00
 Operator : CG/JU
 Sample : N2482-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPN-1

Quant Time: Apr 27 03:39:29 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)

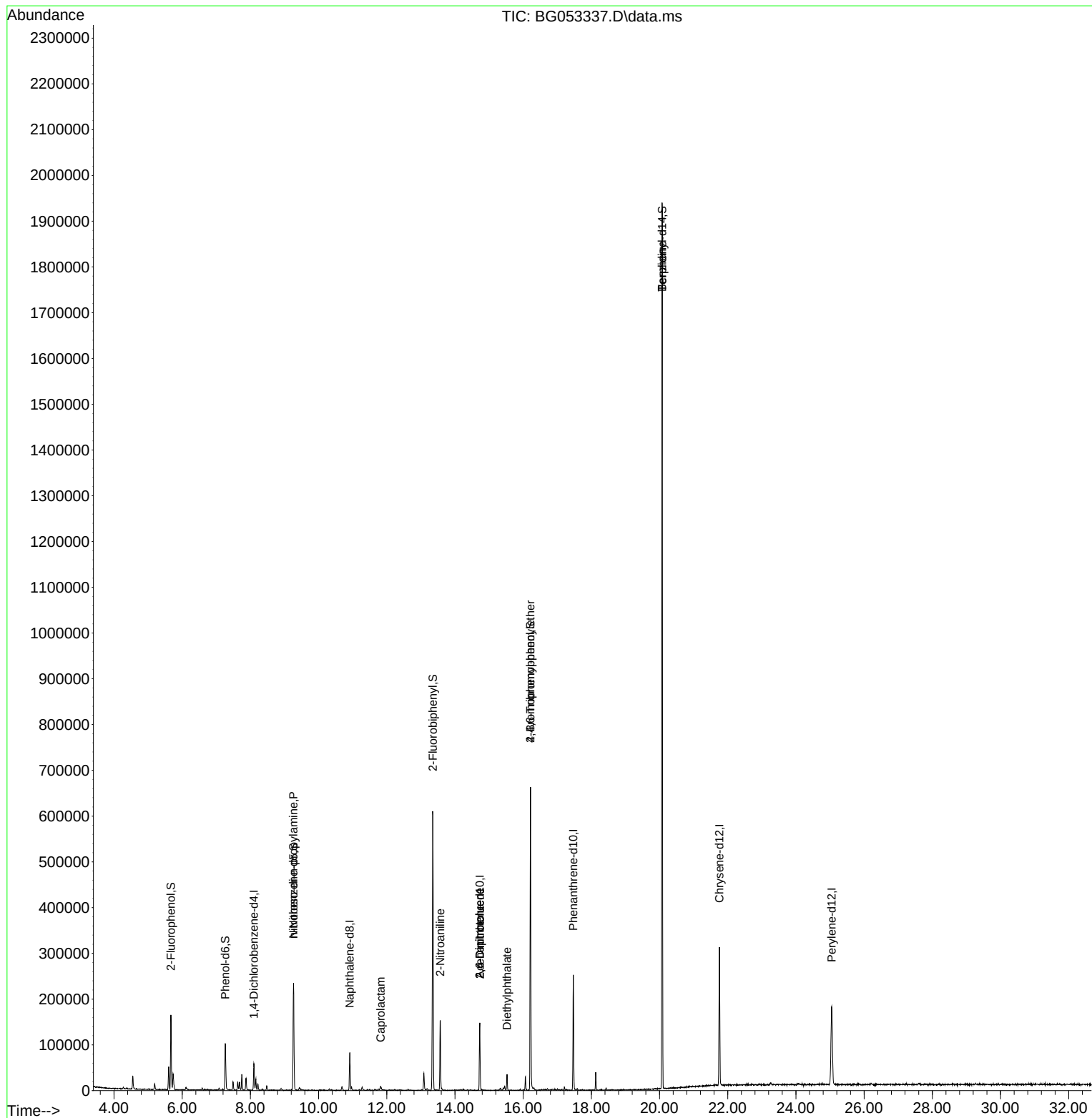
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	16617	20.000	ng	#-0.01
21) Naphthalene-d8	10.916	136	65724	20.000	ng	# 0.00
39) Acenaphthene-d10	14.728	164	52192	20.000	ng	0.00
64) Phenanthrene-d10	17.472	188	156250	20.000	ng	-0.01
76) Chrysene-d12	21.754	240	199914	20.000	ng	-0.01
86) Perylene-d12	25.050	264	204281	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	70536	72.764	ng	0.00
7) Phenol-d6	7.262	99	61936	41.432	ng	-0.01
23) Nitrobenzene-d5	9.265	82	150663	93.078	ng	-0.01
42) 2,4,6-Tribromophenol	16.215	330	131472	158.333	ng	-0.01
45) 2-Fluorobiphenyl	13.354	172	331165	87.493	ng	0.00
79) Terphenyl-d14	20.080	244	1051698	88.849	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.265	70	21296	19.459	ng	# 83
35) Caprolactam	11.826	113	1164	2.786	ng	92
48) 2-Nitroaniline	13.571	65	4929	4.331	ng	# 18
51) 2,6-Dinitrotoluene	14.728	165	6754	7.755	ng	# 24
57) 2,4-Dinitrotoluene	14.728	165	6754	5.447	ng	# 22
60) Diethylphthalate	15.527	149	19032	4.351	ng	98
67) 4-Bromophenyl-phenylether	16.215	248	8570	4.280	ng	# 1
77) Benzidine	20.080	184	17456	3.060	ng	# 93

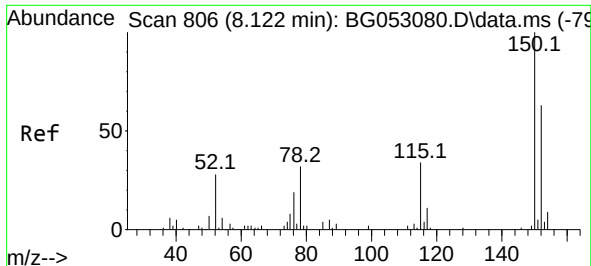
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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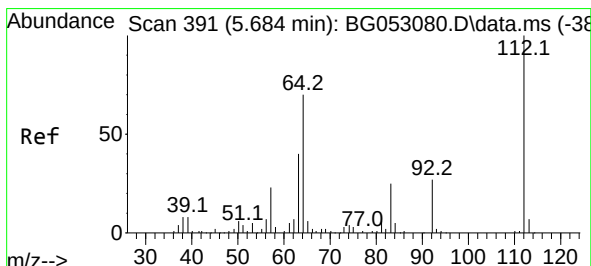
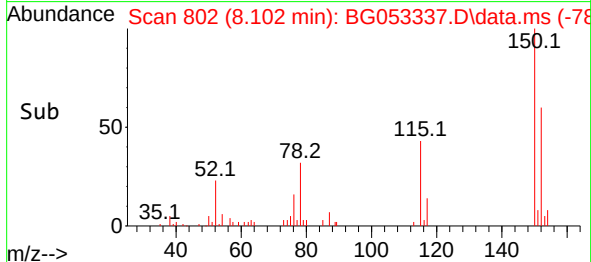
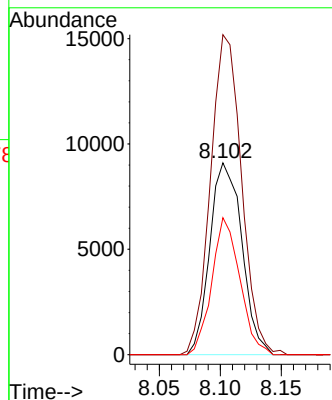
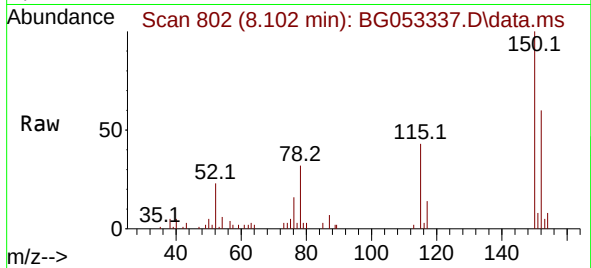




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG053337.D
Acq: 27 Apr 2022 2:00

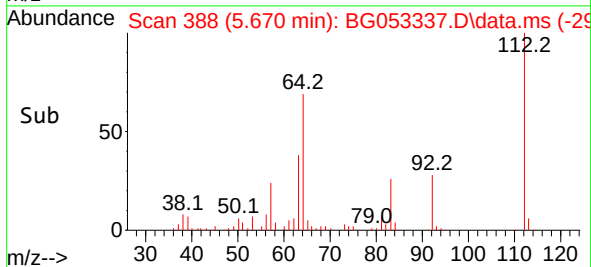
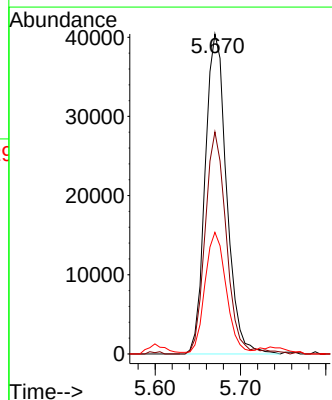
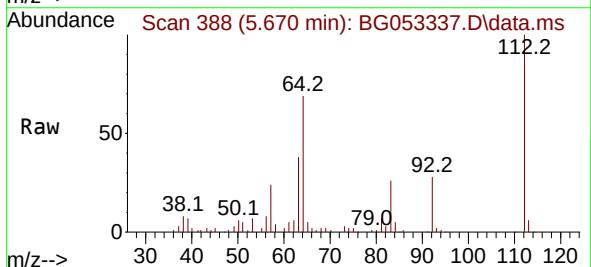
Instrument :
BNA_G
ClientSampleId :
SPN-1

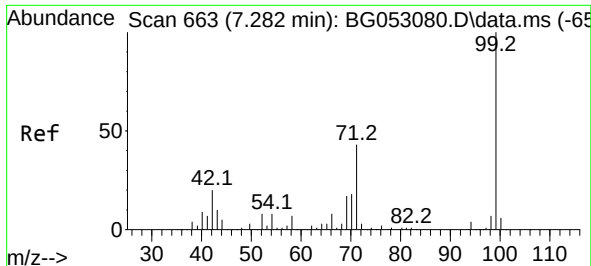
Tgt Ion:152 Resp: 16617
Ion Ratio Lower Upper
152 100
150 166.8 114.6 172.0
115 71.4 45.9 68.9#



#5
2-Fluorophenol
Concen: 72.764 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.006 min
Lab File: BG053337.D
Acq: 27 Apr 2022 2:00

Tgt Ion:112 Resp: 70536
Ion Ratio Lower Upper
112 100
64 69.4 48.0 72.0
63 38.0 26.5 39.7

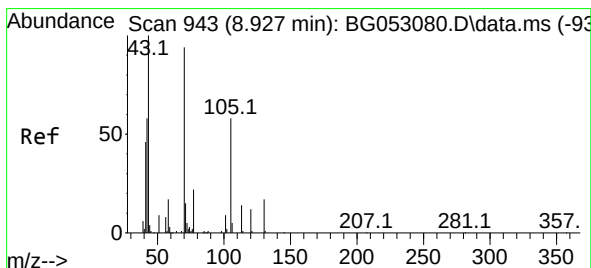
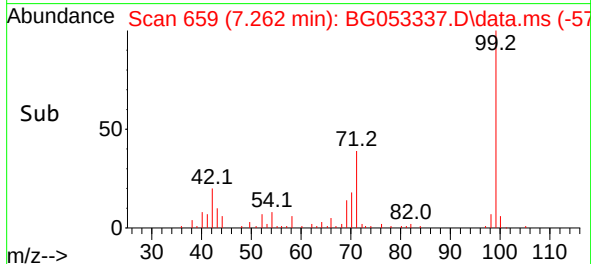
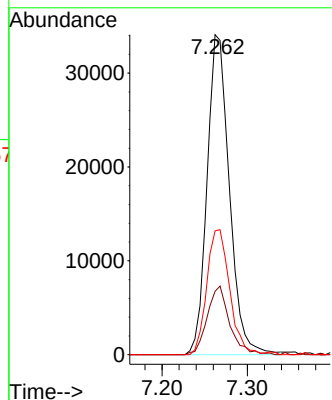
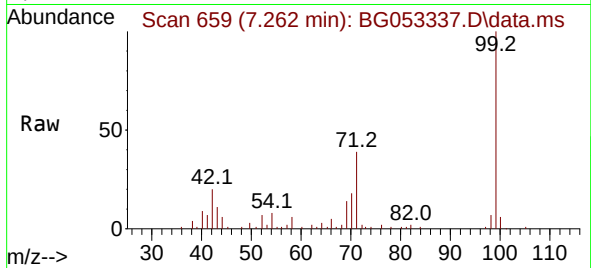




#7
Phenol-d6
Concen: 41.432 ng
RT: 7.262 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG053337.D
Acq: 27 Apr 2022 2:00

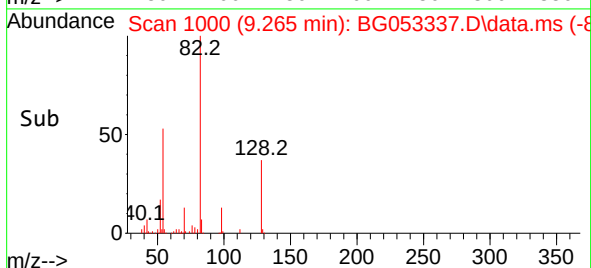
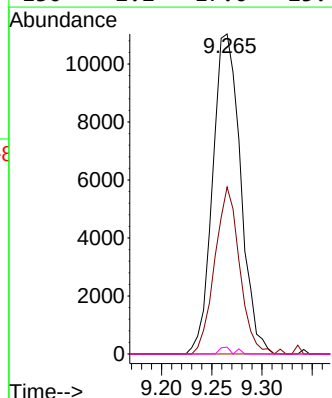
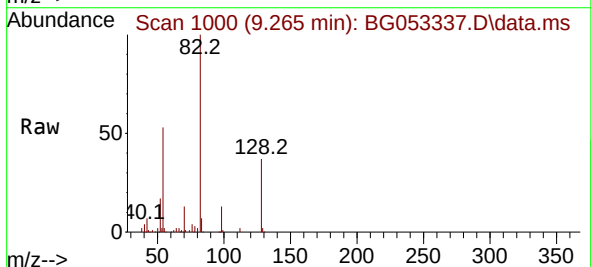
Instrument :
BNA_G
ClientSampleId :
SPN-1

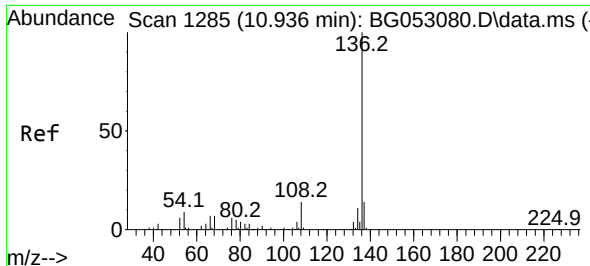
Tgt Ion: 99 Resp: 61936
Ion Ratio Lower Upper
99 100
42 19.8 14.7 22.1
71 38.7 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.459 ng
RT: 9.265 min Scan# 1000
Delta R.T. 0.353 min
Lab File: BG053337.D
Acq: 27 Apr 2022 2:00

Tgt Ion: 70 Resp: 21296
Ion Ratio Lower Upper
70 100
42 52.1 46.0 69.0
101 0.0 6.2 9.4#
130 2.2 17.0 25.4#

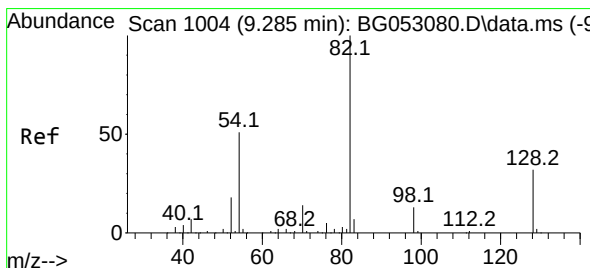
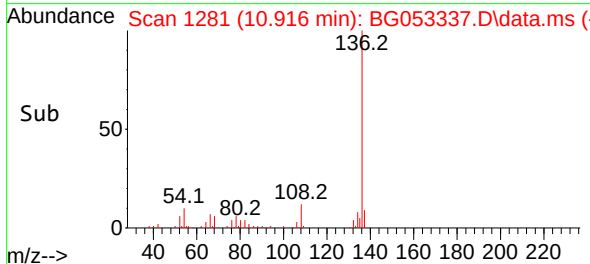
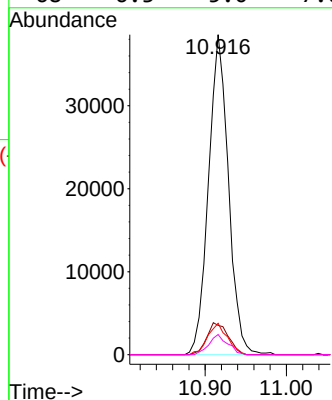
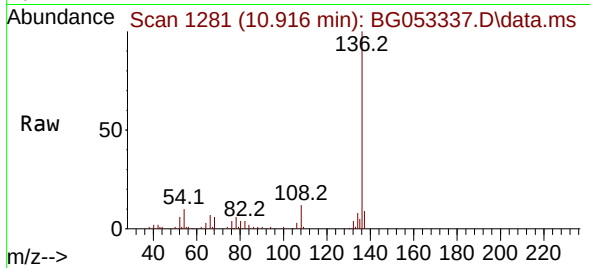




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053337.D
Acq: 27 Apr 2022 2:00

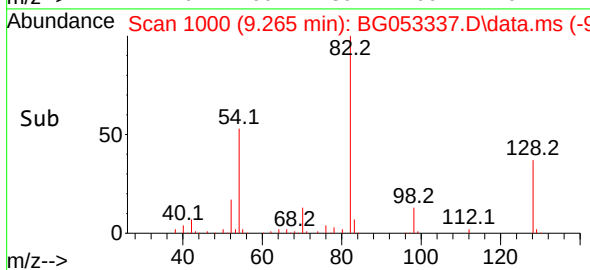
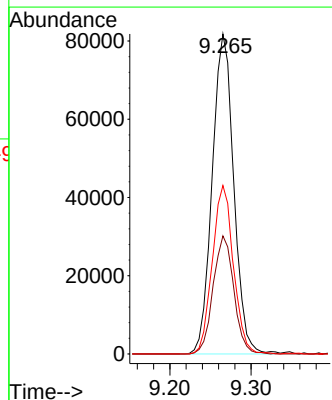
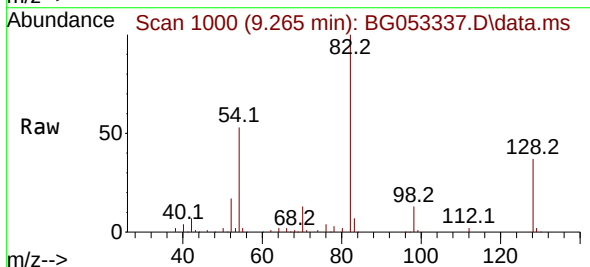
Instrument :
BNA_G
ClientSampleId :
SPN-1

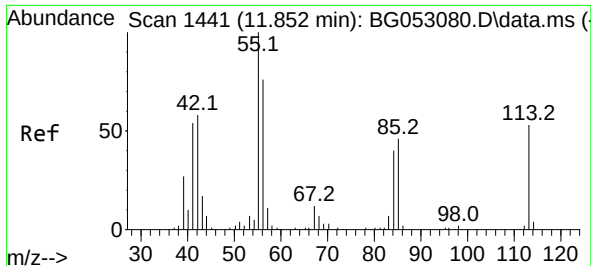
Tgt Ion:136 Resp: 65724
Ion Ratio Lower Upper
136 100
137 9.2 9.4 14.2#
54 9.8 6.4 9.6#
68 6.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 93.078 ng
RT: 9.265 min Scan# 1000
Delta R.T. -0.011 min
Lab File: BG053337.D
Acq: 27 Apr 2022 2:00

Tgt Ion: 82 Resp: 150663
Ion Ratio Lower Upper
82 100
128 36.9 31.3 46.9
54 52.7 37.8 56.8

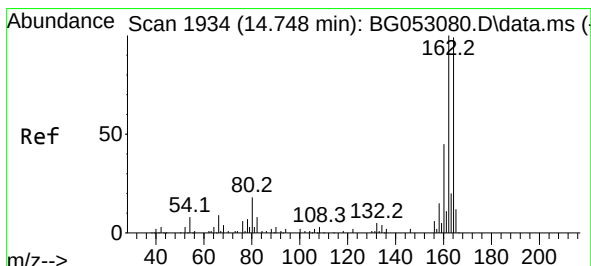
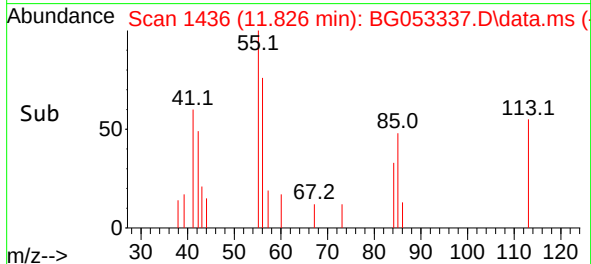
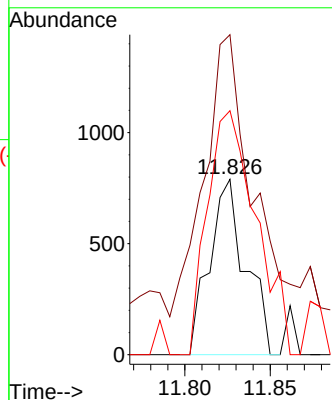
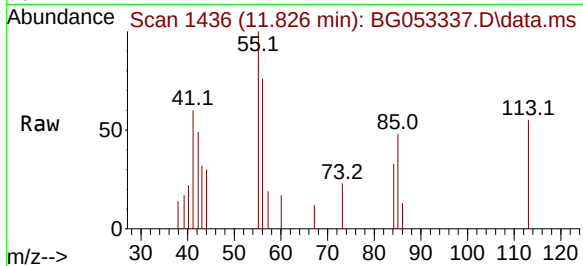




#35
Caprolactam
Concen: 2.786 ng
RT: 11.826 min Scan# 1441
Delta R.T. -0.023 min
Lab File: BG053337.D
Acq: 27 Apr 2022 2:00

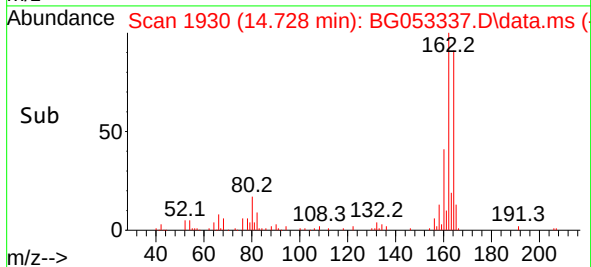
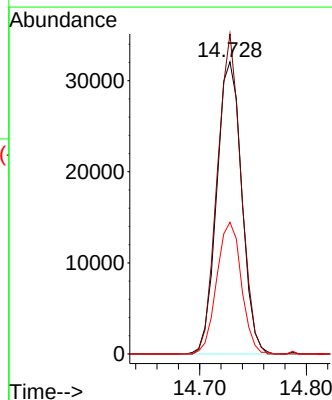
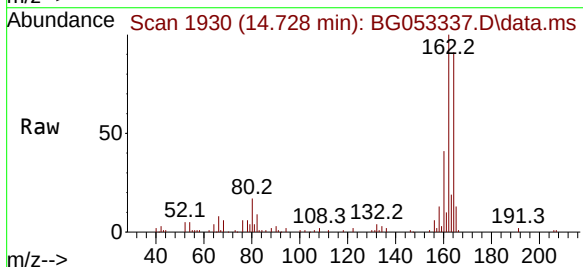
Instrument :
BNA_G
ClientSampleId :
SPN-1

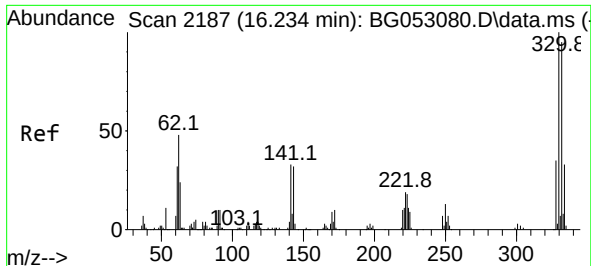
Tgt Ion:113 Resp: 1164
Ion Ratio Lower Upper
113 100
55 182.4 151.3 191.3
56 139.1 128.5 168.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BG053337.D
Acq: 27 Apr 2022 2:00

Tgt Ion:164 Resp: 52192
Ion Ratio Lower Upper
164 100
162 109.5 80.0 120.0
160 45.1 38.8 58.2

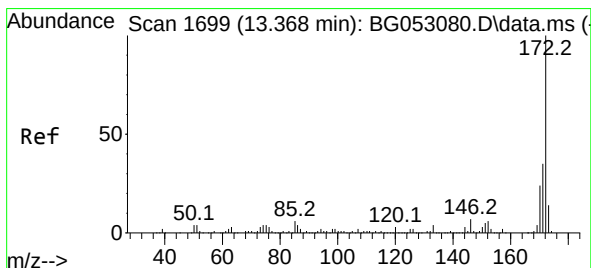
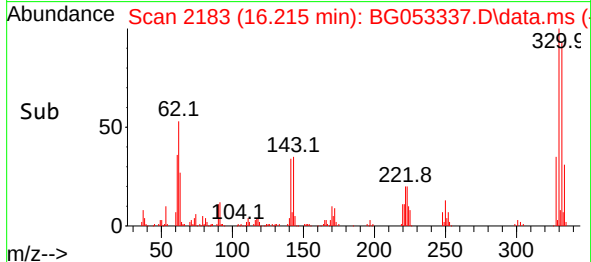
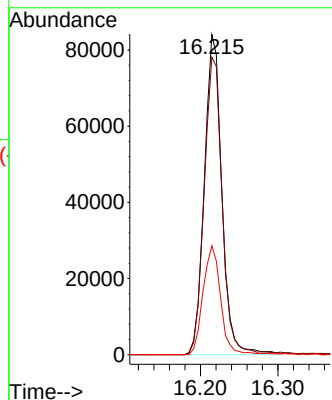
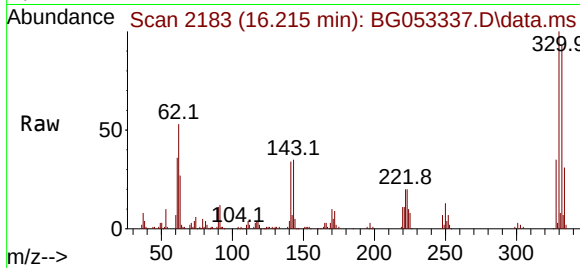




#42
 2,4,6-Tribromophenol
 Concen: 158.333 ng
 RT: 16.215 min Scan# 2183
 Delta R.T. -0.011 min
 Lab File: BG053337.D
 Acq: 27 Apr 2022 2:00

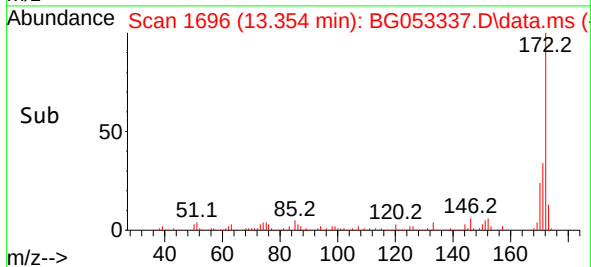
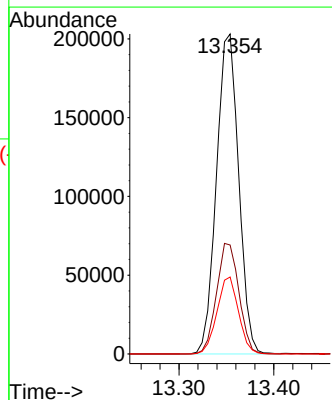
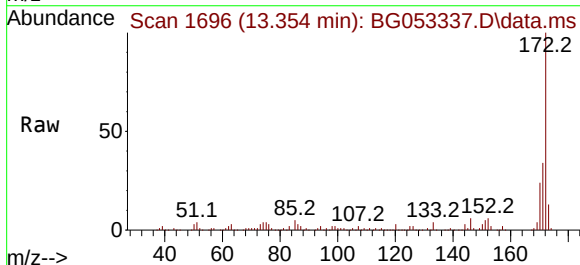
Instrument :
 BNA_G
 ClientSampleId :
 SPN-1

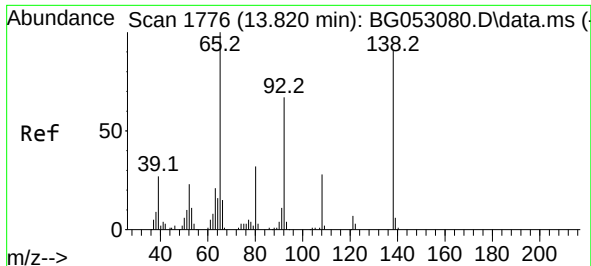
Tgt Ion:330 Resp: 131472
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.8 113.6
 141 34.5 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 87.493 ng
 RT: 13.354 min Scan# 1696
 Delta R.T. -0.006 min
 Lab File: BG053337.D
 Acq: 27 Apr 2022 2:00

Tgt Ion:172 Resp: 331165
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.3 42.5
 170 24.0 18.0 27.0

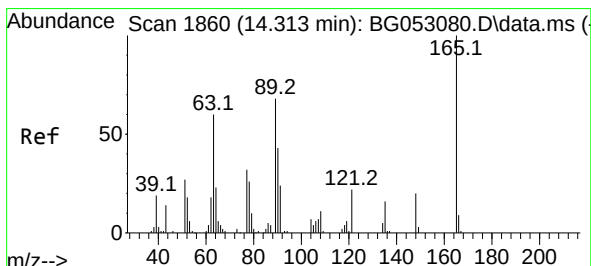
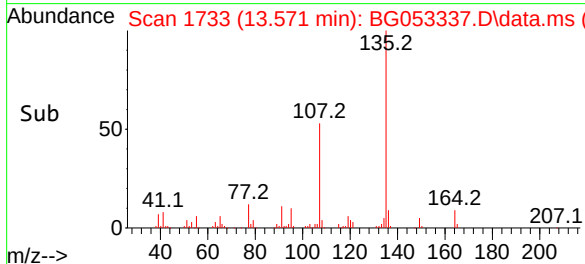
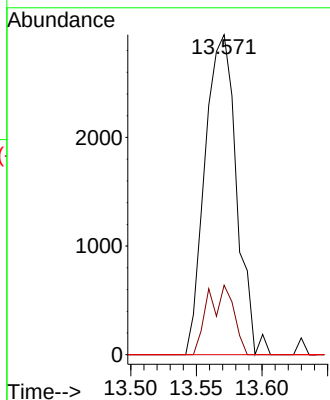
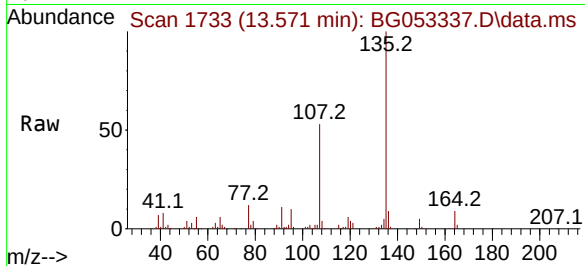




#48
2-Nitroaniline
Concen: 4.331 ng
RT: 13.571 min Scan# 1
Delta R.T. -0.241 min
Lab File: BG053337.D
Acq: 27 Apr 2022 2:00

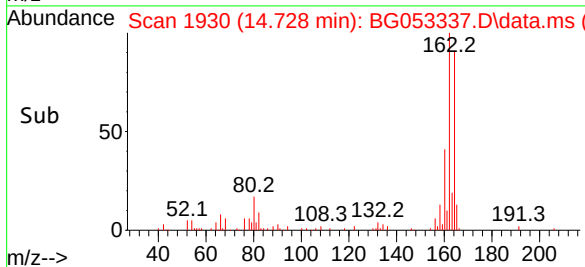
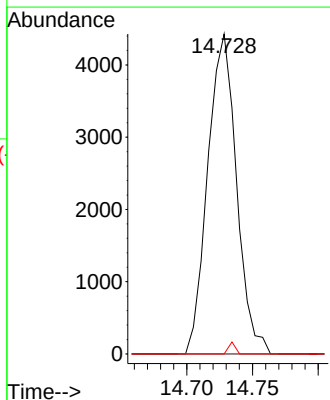
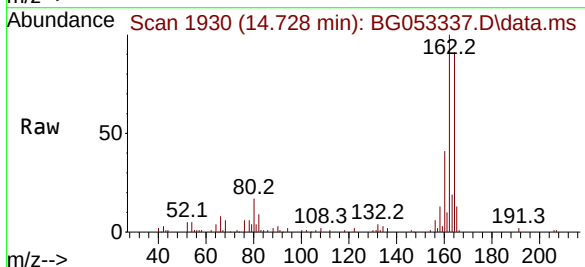
Instrument :
BNA_G
ClientSampleId :
SPN-1

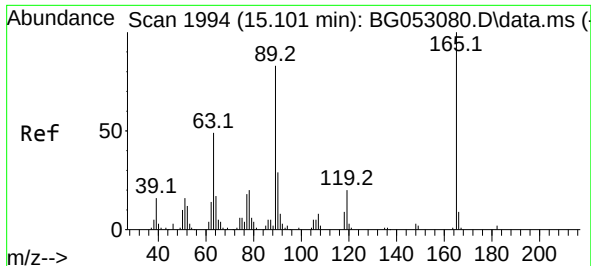
Tgt Ion: 65 Resp: 4929
Ion Ratio Lower Upper
65 100
92 21.7 52.1 78.1#
138 0.0 80.1 120.1#



#51
2,6-Dinitrotoluene
Concen: 7.755 ng
RT: 14.728 min Scan# 1930
Delta R.T. 0.423 min
Lab File: BG053337.D
Acq: 27 Apr 2022 2:00

Tgt Ion:165 Resp: 6754
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

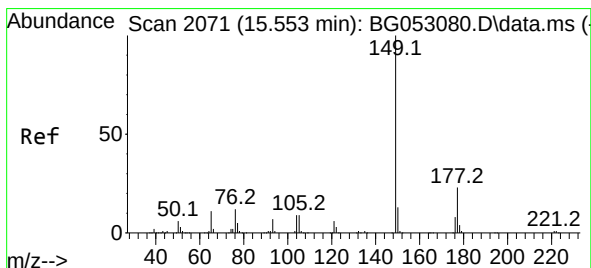
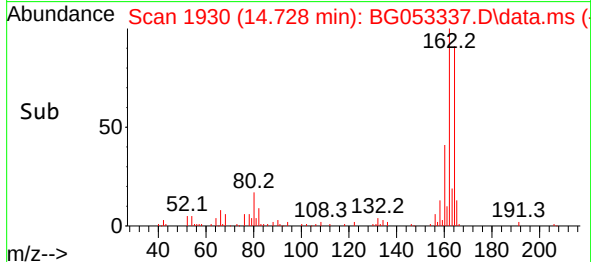
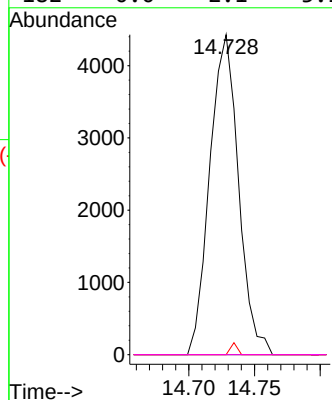
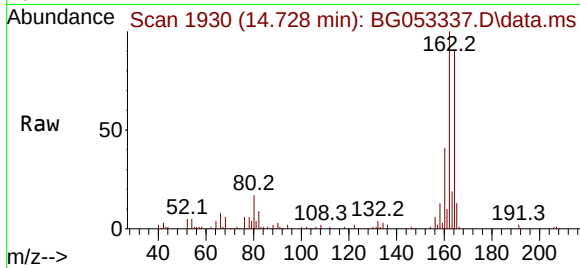




#57
2,4-Dinitrotoluene
Concen: 5.447 ng
RT: 14.728 min Scan# 1994
Delta R.T. -0.364 min
Lab File: BG053337.D
Acq: 27 Apr 2022 2:00

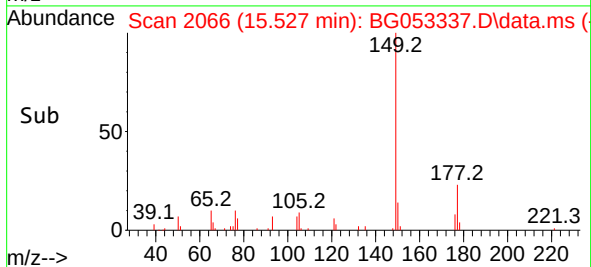
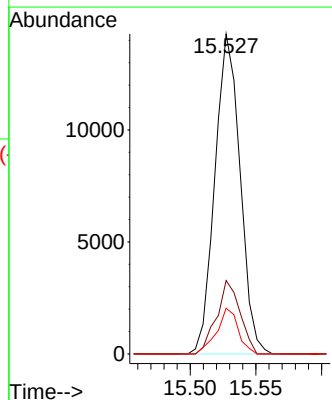
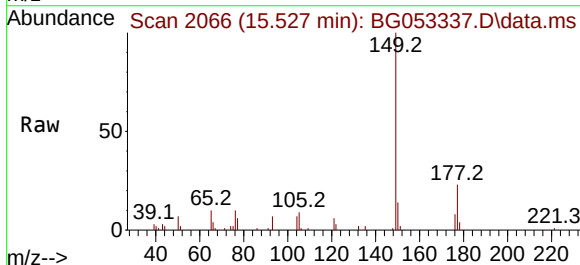
Instrument :
BNA_G
ClientSampleId :
SPN-1

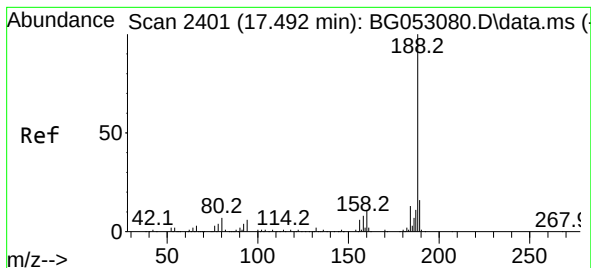
Tgt Ion:165 Resp: 6754
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#60
Diethylphthalate
Concen: 4.351 ng
RT: 15.527 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BG053337.D
Acq: 27 Apr 2022 2:00

Tgt Ion:149 Resp: 19032
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 14.3 9.9 14.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.472 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG053337.D

Acq: 27 Apr 2022 2:00

Instrument :

BNA_G

ClientSampleId :

SPN-1

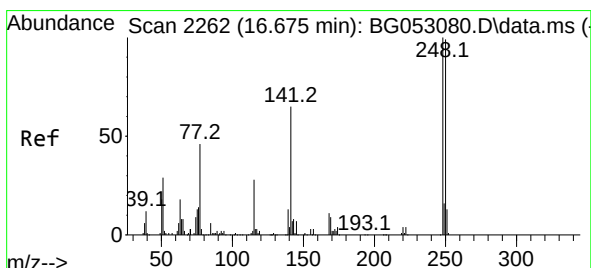
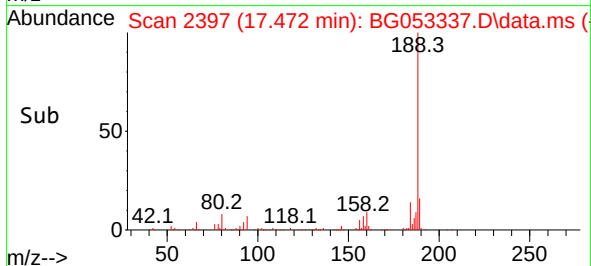
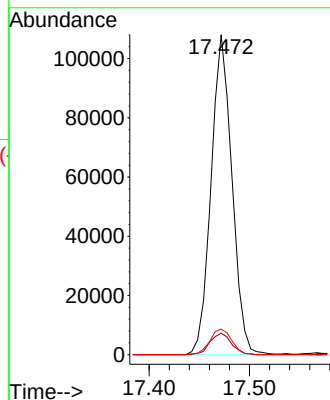
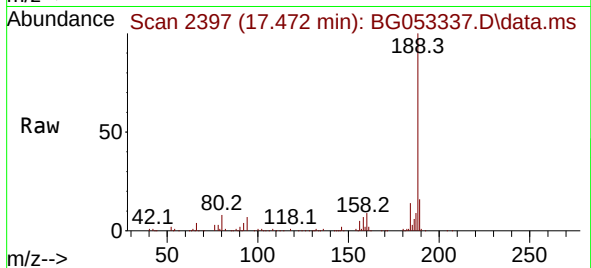
Tgt Ion:188 Resp: 156250

Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

80 8.0 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.280 ng

RT: 16.215 min Scan# 2183

Delta R.T. -0.446 min

Lab File: BG053337.D

Acq: 27 Apr 2022 2:00

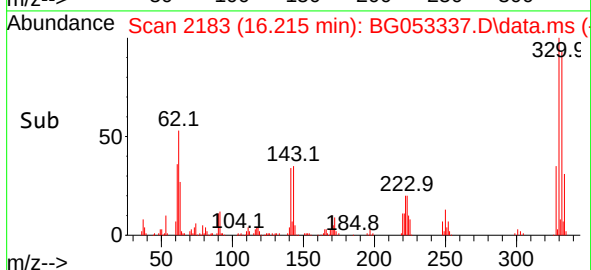
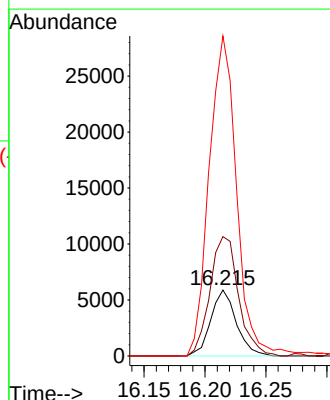
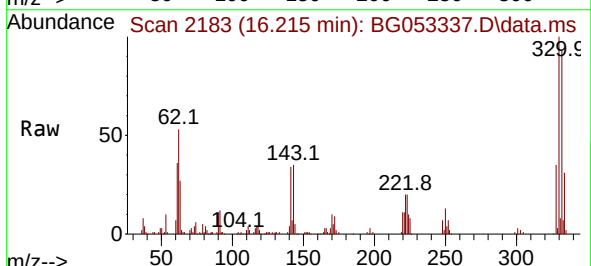
Tgt Ion:248 Resp: 8570

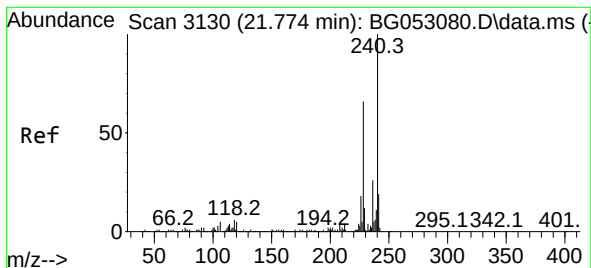
Ion Ratio Lower Upper

248 100

250 181.1 77.9 116.9#

141 485.6 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.754 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG053337.D

Acq: 27 Apr 2022 2:00

Instrument :

BNA_G

ClientSampleId :

SPN-1

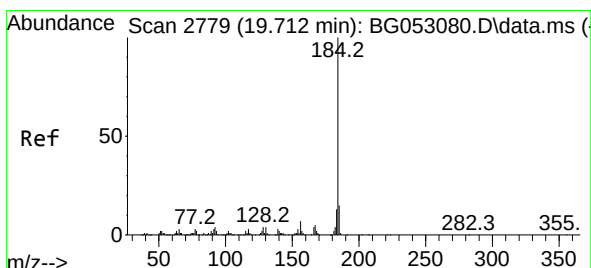
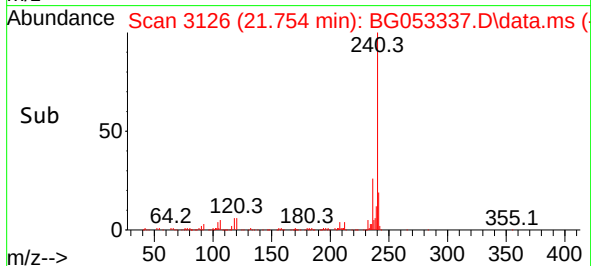
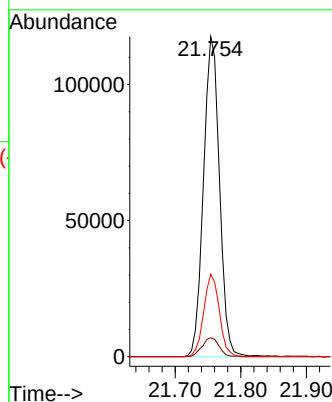
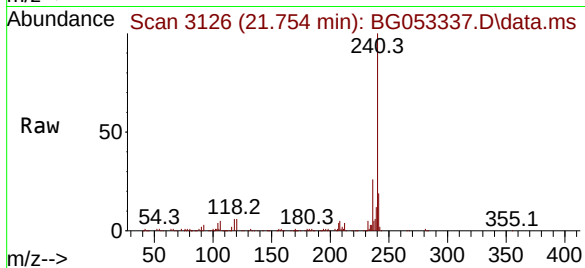
Tgt Ion:240 Resp: 199914

Ion Ratio Lower Upper

240 100

120 5.9 5.4 8.0

236 25.8 19.8 29.6



#77

Benzidine

Concen: 3.060 ng

RT: 20.080 min Scan# 2841

Delta R.T. 0.376 min

Lab File: BG053337.D

Acq: 27 Apr 2022 2:00

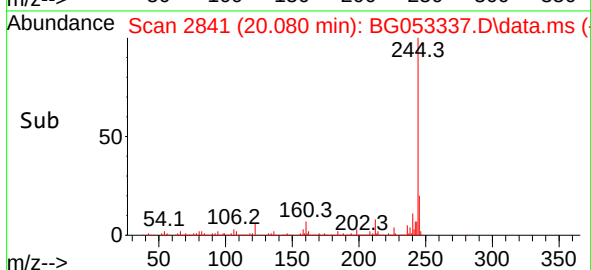
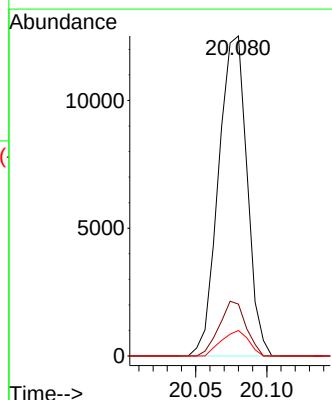
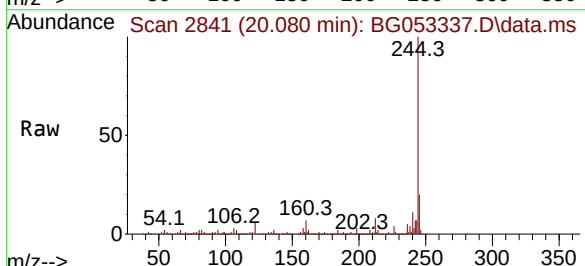
Tgt Ion:184 Resp: 17456

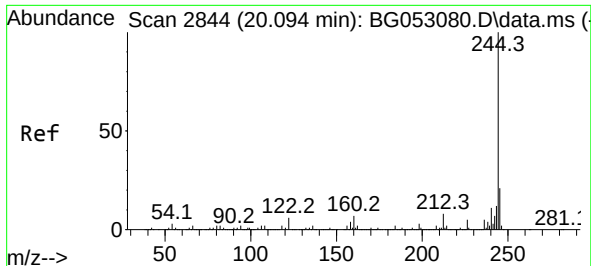
Ion Ratio Lower Upper

184 100

185 16.2 11.5 17.3

183 7.9 9.4 14.2#

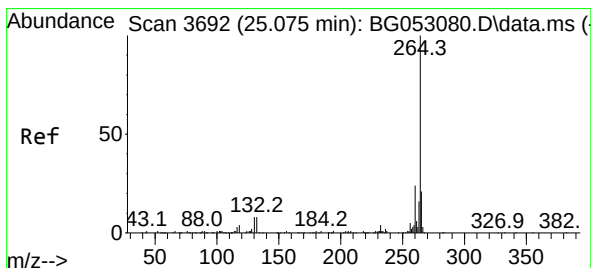
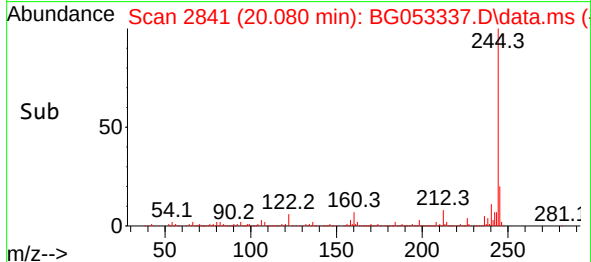
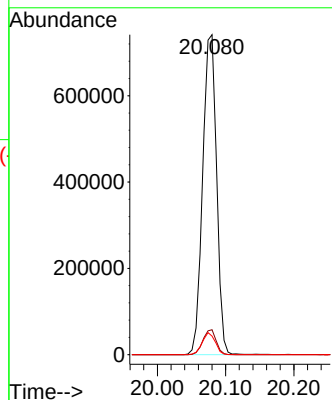
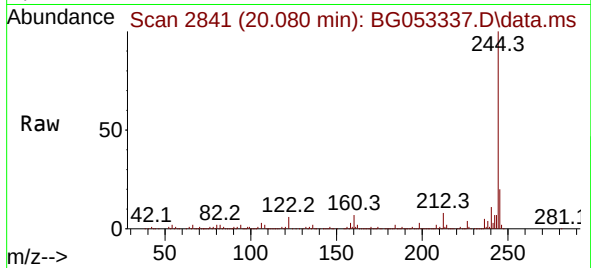




#79
 Terphenyl-d14
 Concen: 88.849 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053337.D
 Acq: 27 Apr 2022 2:00

Instrument :
 BNA_G
 ClientSampleId :
 SPN-1

Tgt Ion:244 Resp: 1051698
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 5.8 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.050 min Scan# 3687
 Delta R.T. -0.011 min
 Lab File: BG053337.D
 Acq: 27 Apr 2022 2:00

Tgt Ion:264 Resp: 204281
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.2
 265 21.3 15.1 22.7

