

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051140.D
 Acq On : 20 Nov 2021 2:49
 Operator : CG/JU
 Sample : M4758-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP8

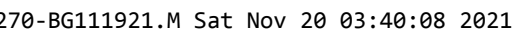
Quant Time: Nov 20 03:40:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

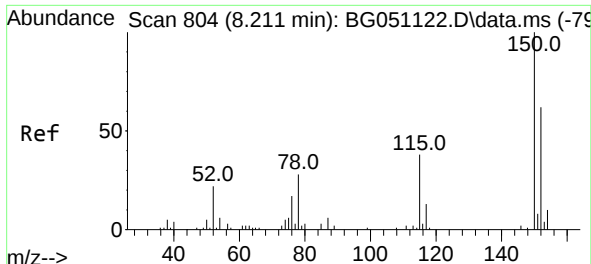
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	25302	20.000	ng	0.00
21) Naphthalene-d8	11.032	136	107299	20.000	ng	# 0.00
39) Acenaphthene-d10	14.833	164	77337	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	186546	20.000	ng	# 0.00
76) Chrysene-d12	21.878	240	176604	20.000	ng	# 0.00
86) Perylene-d12	25.268	264	177500	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	165496	101.111	ng	0.00
7) Phenol-d6	7.360	99	220320	95.570	ng	0.00
23) Nitrobenzene-d5	9.381	82	154986	65.936	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	87274	106.174	ng	0.00
45) 2-Fluorobiphenyl	13.453	172	318660	62.176	ng	0.00
79) Terphenyl-d14	20.168	244	548340	56.761	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.389	94	5065	2.140	ng	93
19) n-Nitroso-di-n-propyla...	9.381	70	21750	12.782	ng	# 68
51) 2,6-Dinitrotoluene	14.833	165	9821	7.892	ng	# 10
57) 2,4-Dinitrotoluene	14.833	165	9821	5.509	ng	# 15
67) 4-Bromophenyl-phenylether	16.326	248	6826	3.383	ng	# 1
77) Benzidine	20.168	184	9262	3.194	ng	# 89

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

Quant Time: Nov 20 03:40:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
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QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

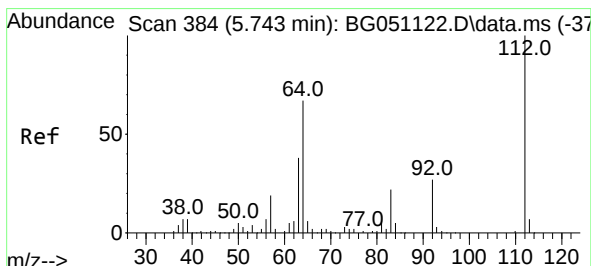
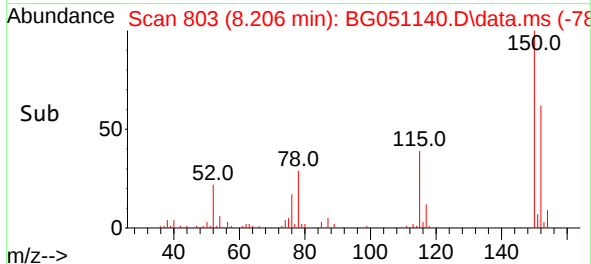
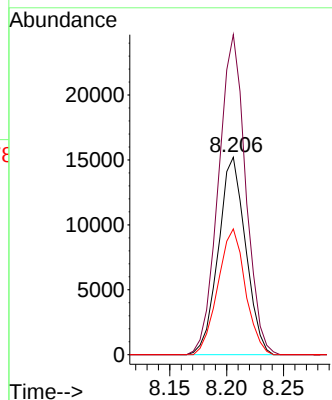
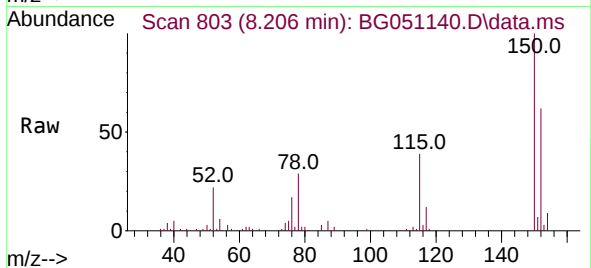




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

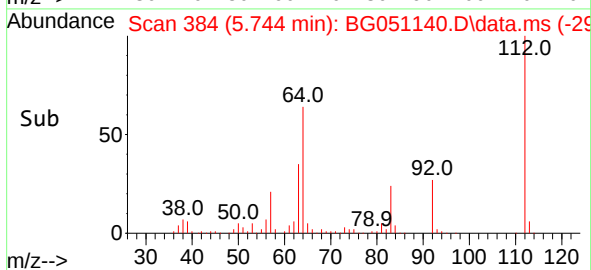
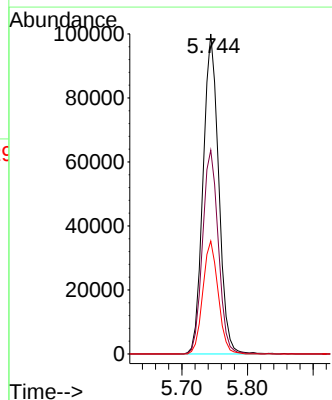
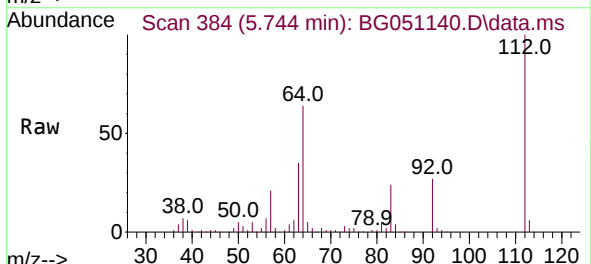
Instrument :
BNA_G
ClientSampleId :
TP8

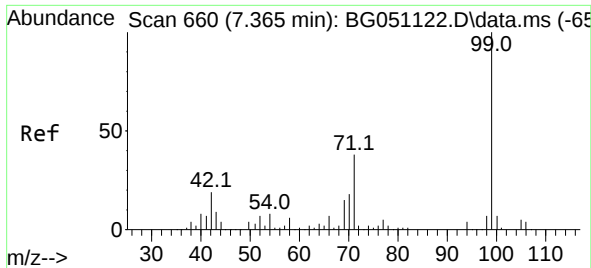
Tgt Ion:152 Resp: 25302
Ion Ratio Lower Upper
152 100
150 162.0 119.4 179.0
115 63.7 60.2 90.4



#5
2-Fluorophenol
Concen: 101.111 ng
RT: 5.744 min Scan# 384
Delta R.T. 0.001 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

Tgt Ion:112 Resp: 165496
Ion Ratio Lower Upper
112 100
64 63.7 46.7 70.1
63 35.3 35.3 52.9

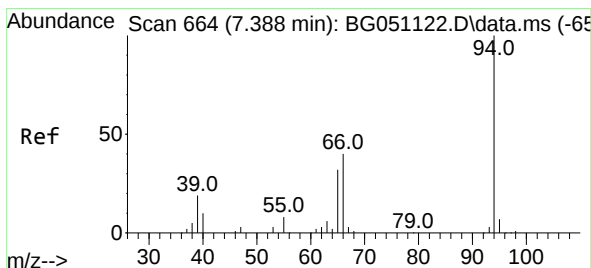
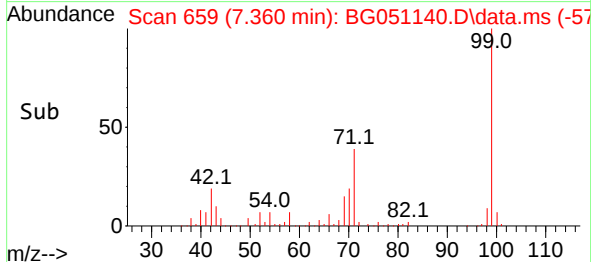
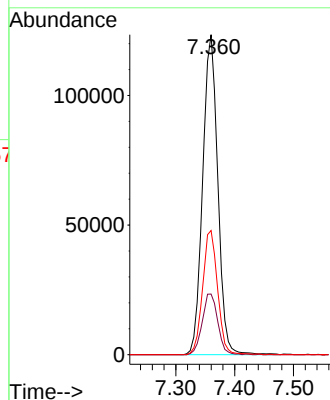
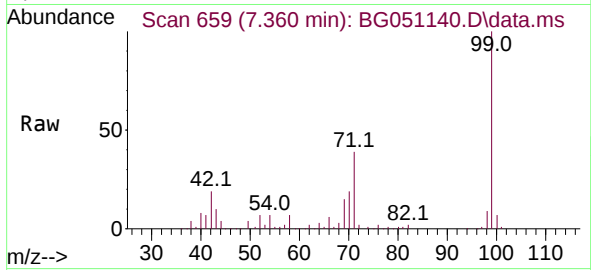




#7
Phenol-d6
Concen: 95.570 ng
RT: 7.360 min Scan# 611
Delta R.T. -0.005 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

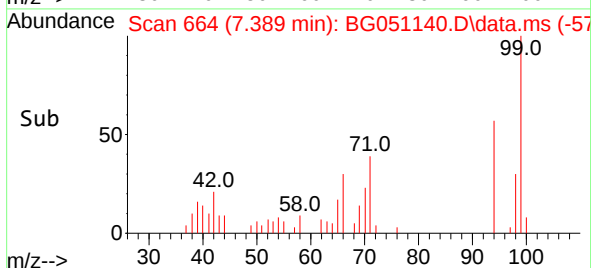
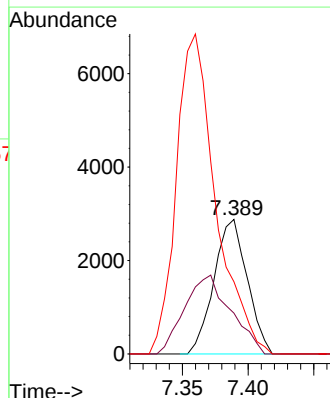
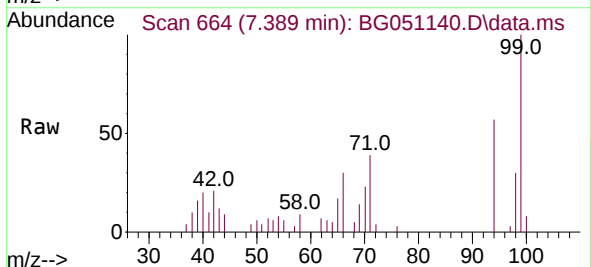
Instrument :
BNA_G
ClientSampleId :
TP8

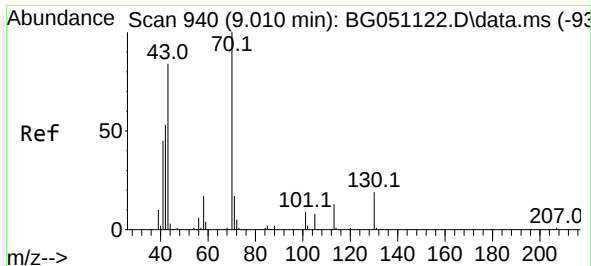
Tgt Ion: 99 Resp: 220320
Ion Ratio Lower Upper
99 100
42 19.0 20.5 30.7#
71 38.8 41.5 62.3#



#10
Phenol
Concen: 2.140 ng
RT: 7.389 min Scan# 664
Delta R.T. 0.001 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

Tgt Ion: 94 Resp: 5065
Ion Ratio Lower Upper
94 100
65 30.3 12.9 52.9
66 53.6 39.4 79.4

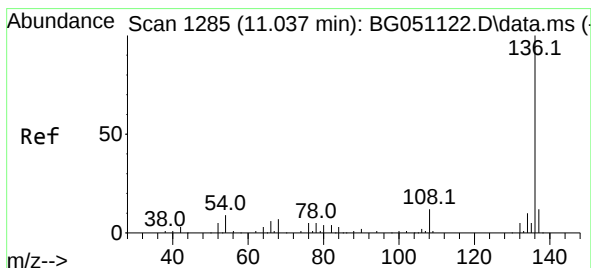
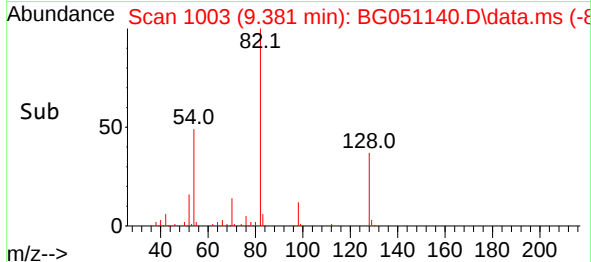
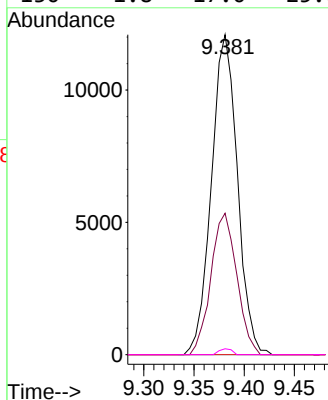
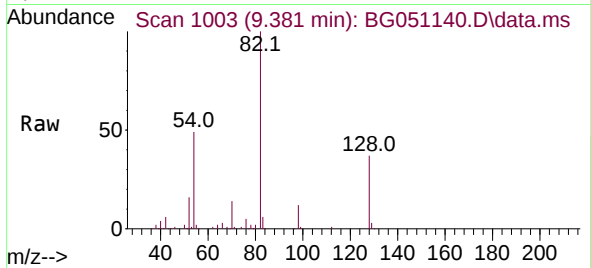




#19
n-Nitroso-di-n-propylamine
Concen: 12.782 ng
RT: 9.381 min Scan# 1003
Delta R.T. 0.371 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

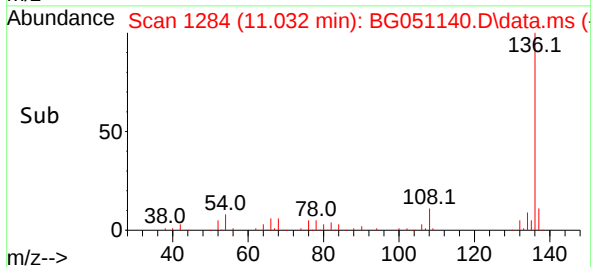
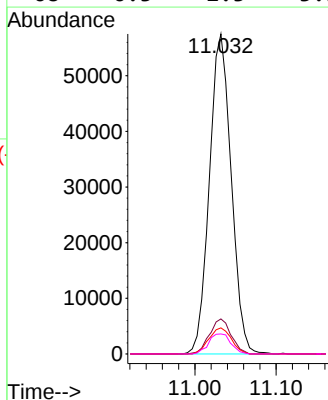
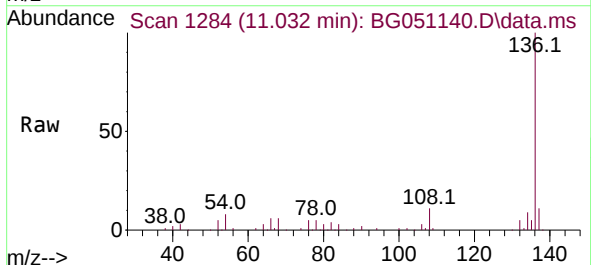
Instrument :
BNA_G
ClientSampleId :
TP8

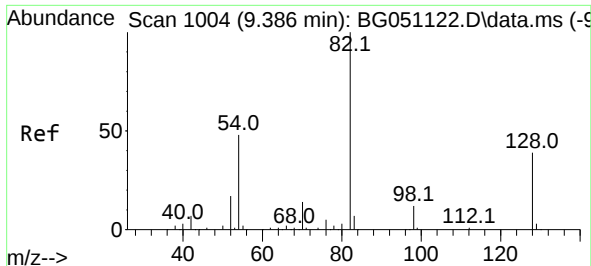
Tgt Ion:	70	Resp:	21750
Ion	Ratio	Lower	Upper
70	100		
42	44.2	54.5	81.7#
101	0.0	9.0	13.6#
130	1.8	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

Tgt Ion:	136	Resp:	107299
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	8.2	5.5	8.3
68	6.3	2.3	3.5#

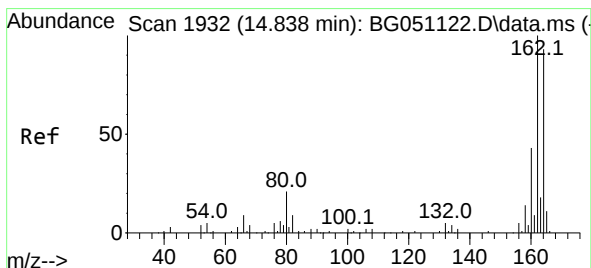
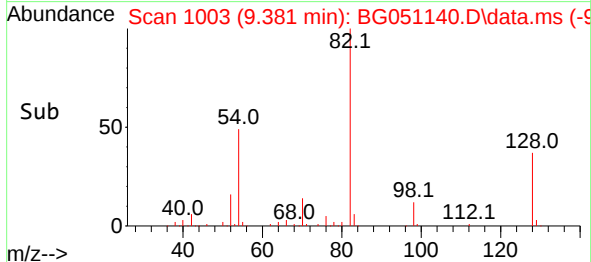
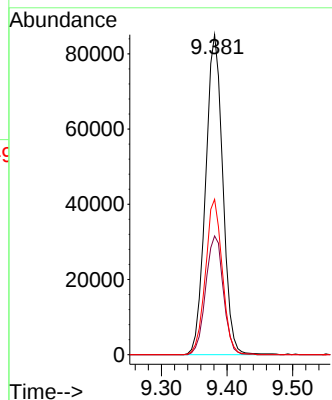
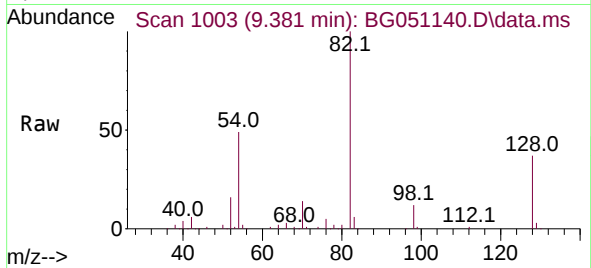




#23
Nitrobenzene-d5
Concen: 65.936 ng
RT: 9.381 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

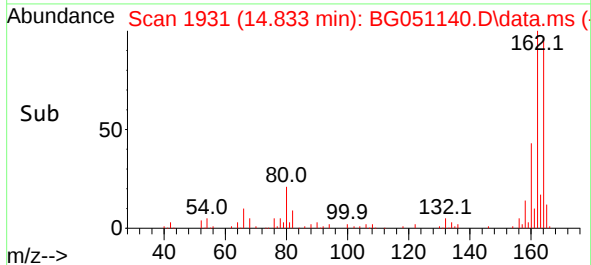
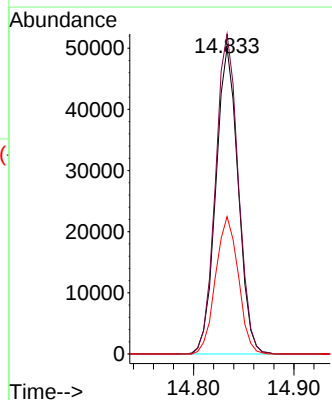
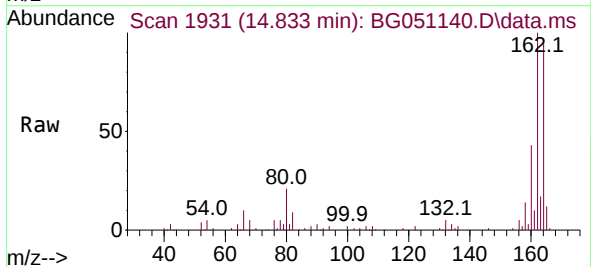
Instrument :
BNA_G
ClientSampleId :
TP8

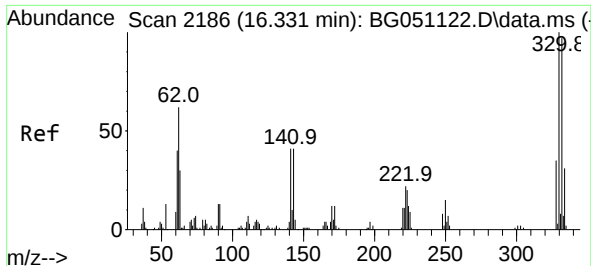
Tgt Ion: 82 Resp: 154986
Ion Ratio Lower Upper
82 100
128 37.1 29.8 44.6
54 48.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

Tgt Ion:164 Resp: 77337
Ion Ratio Lower Upper
164 100
162 104.5 81.4 122.0
160 44.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 106.174 ng

RT: 16.326 min Scan# 2186

Delta R.T. -0.005 min

Lab File: BG051140.D

Acq: 20 Nov 2021 2:49

Instrument :

BNA_G

ClientSampleId :

TP8

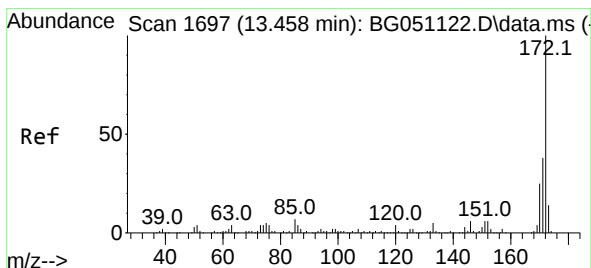
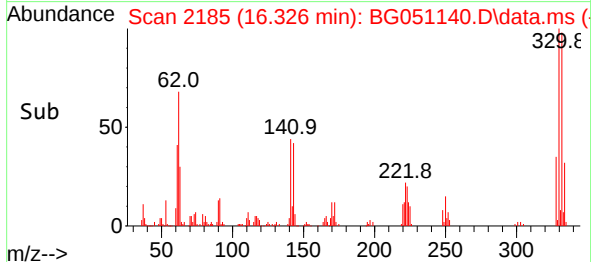
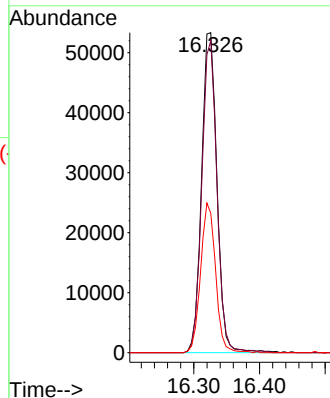
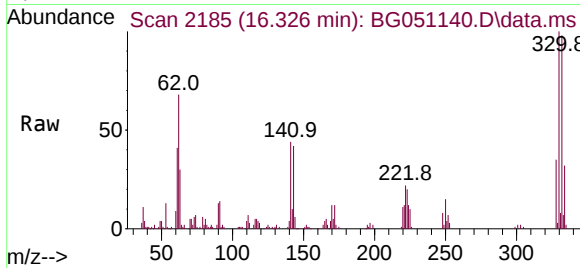
Tgt Ion:330 Resp: 87274

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 45.5 35.6 53.4



#45

2-Fluorobiphenyl

Concen: 62.176 ng

RT: 13.453 min Scan# 1696

Delta R.T. -0.005 min

Lab File: BG051140.D

Acq: 20 Nov 2021 2:49

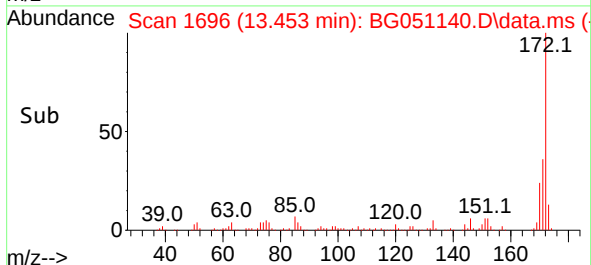
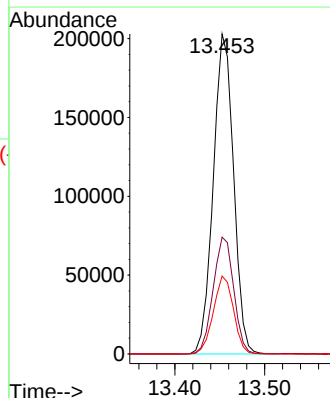
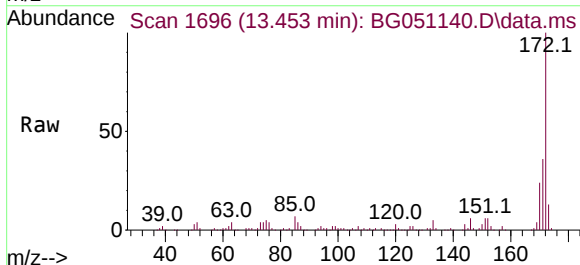
Tgt Ion:172 Resp: 318660

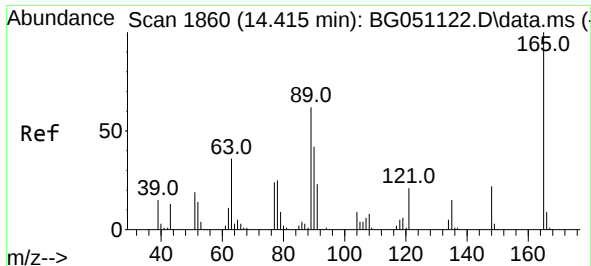
Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

170 24.4 18.6 27.8

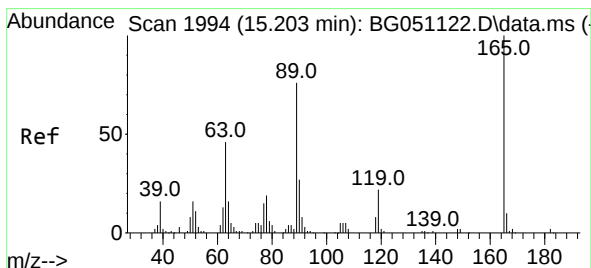
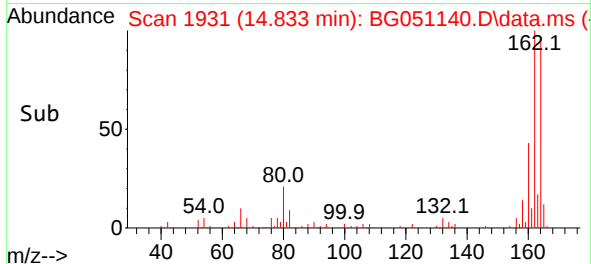
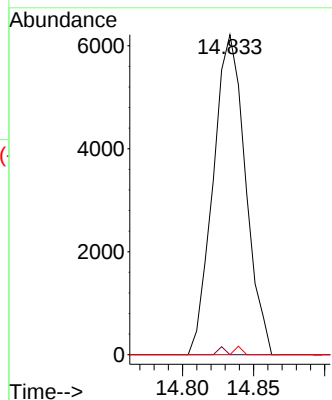
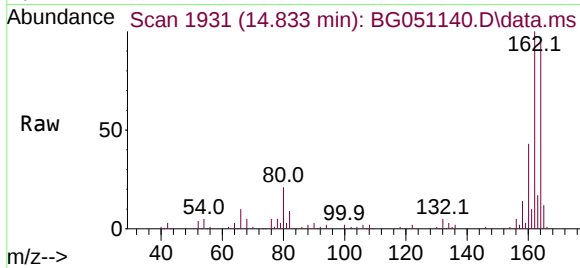




#51
2,6-Dinitrotoluene
Concen: 7.892 ng
RT: 14.833 min Scan# 1931
Delta R.T. 0.418 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

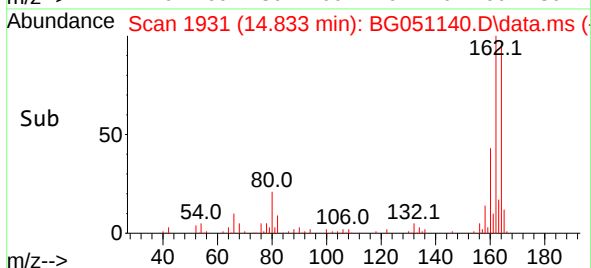
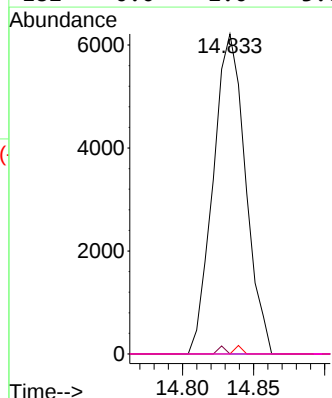
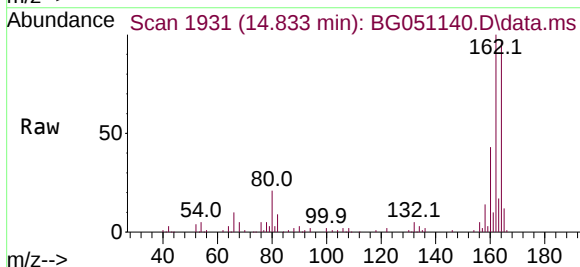
Instrument :
BNA_G
ClientSampleId :
TP8

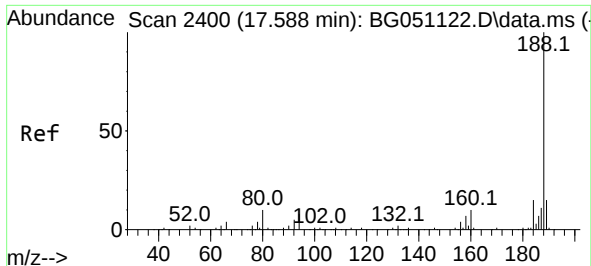
Tgt Ion:165 Resp: 9821
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.509 ng
RT: 14.833 min Scan# 1931
Delta R.T. -0.369 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

Tgt Ion:165 Resp: 9821
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

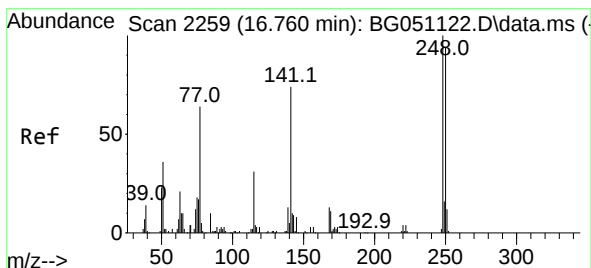
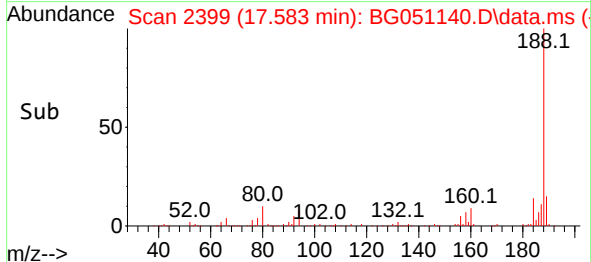
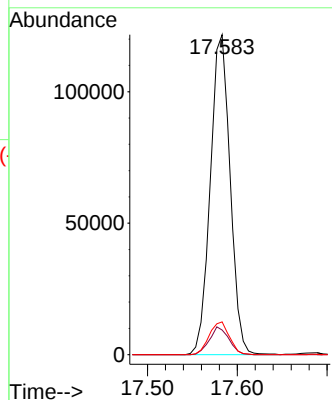
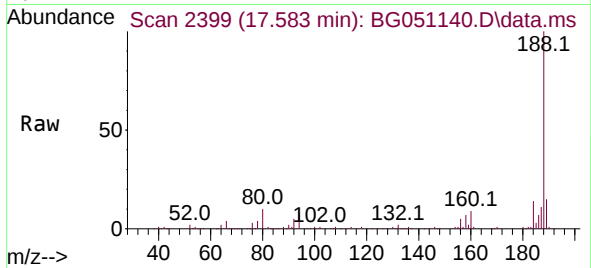




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.583 min Scan# 2185
Delta R.T. -0.005 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

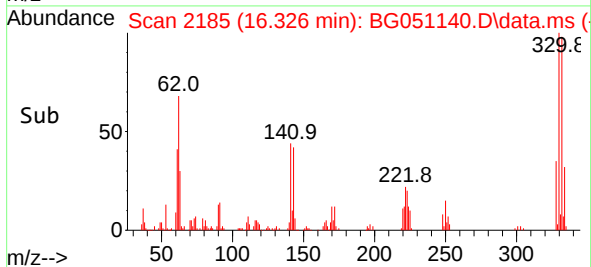
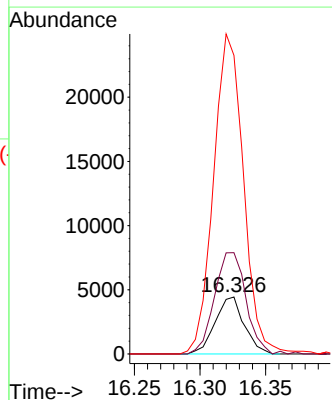
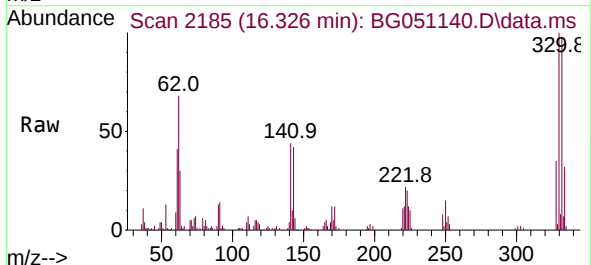
Instrument :
BNA_G
ClientSampleId :
TP8

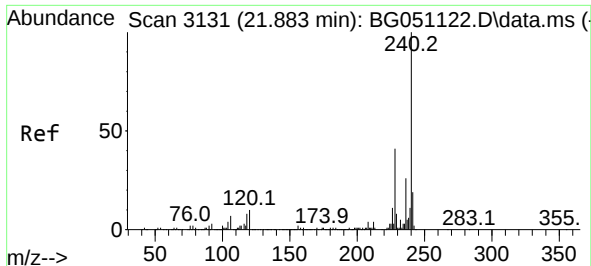
Tgt Ion:188 Resp: 186546
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 10.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.383 ng
RT: 16.326 min Scan# 2185
Delta R.T. -0.434 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

Tgt Ion:248 Resp: 6826
Ion Ratio Lower Upper
248 100
250 177.5 76.1 114.1#
141 523.4 65.4 98.2#

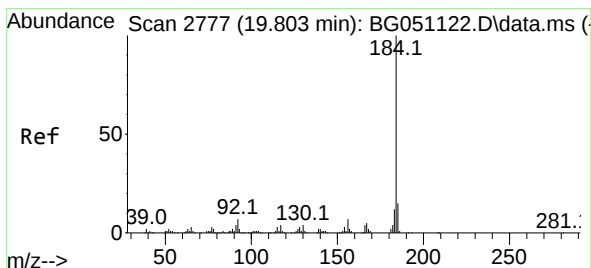
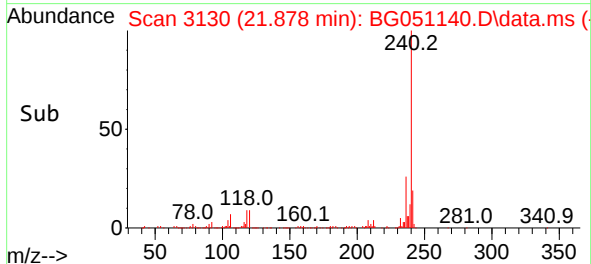
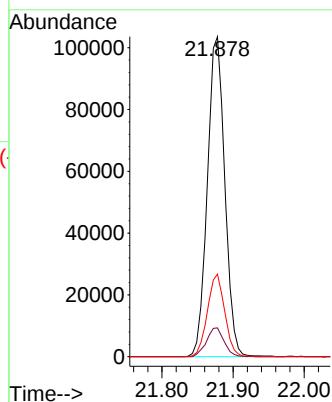
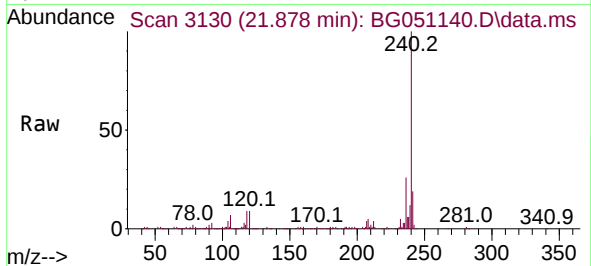




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

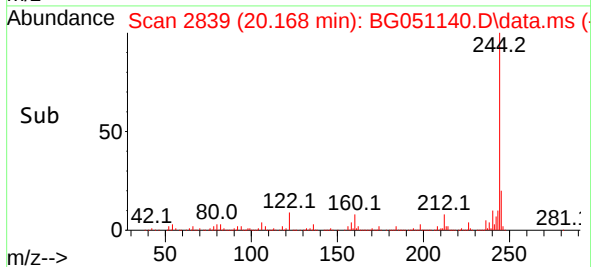
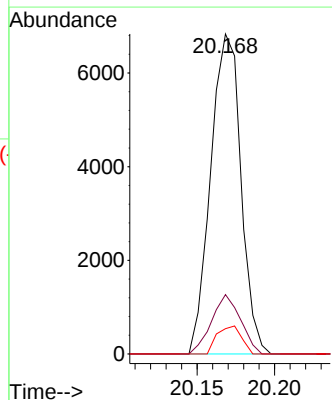
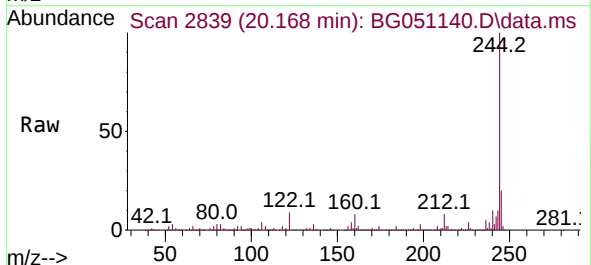
Instrument :
BNA_G
ClientSampleId :
TP8

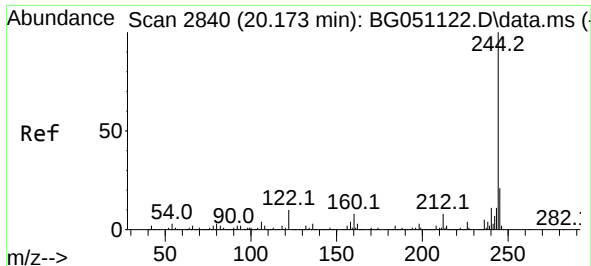
Tgt Ion:240 Resp: 176604
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 25.8 21.8 32.6



#77
Benzidine
Concen: 3.194 ng
RT: 20.168 min Scan# 2839
Delta R.T. 0.365 min
Lab File: BG051140.D
Acq: 20 Nov 2021 2:49

Tgt Ion:184 Resp: 9262
Ion Ratio Lower Upper
184 100
185 18.5 10.7 16.1#
183 7.9 9.4 14.0#

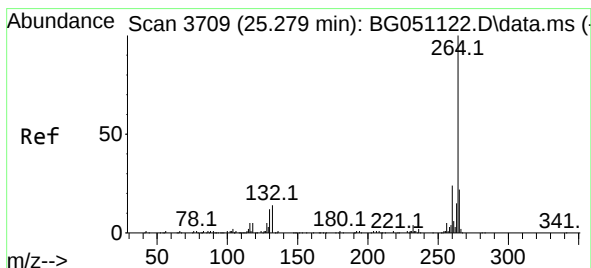
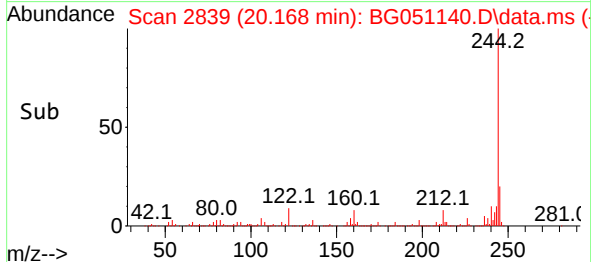
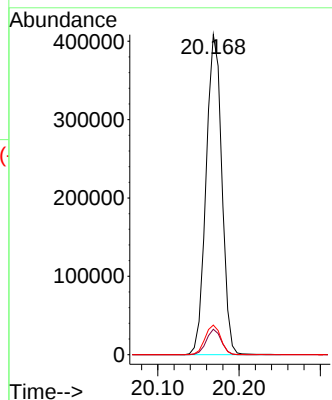
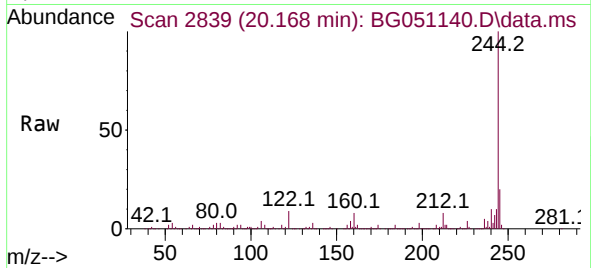




#79
 Terphenyl-d14
 Concen: 56.761 ng
 RT: 20.168 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG051140.D
 Acq: 20 Nov 2021 2:49

Instrument :
 BNA_G
 ClientSampleId :
 TP8

Tgt Ion:244 Resp: 548340
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 9.3 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.268 min Scan# 3707
 Delta R.T. -0.011 min
 Lab File: BG051140.D
 Acq: 20 Nov 2021 2:49

Tgt Ion:264 Resp: 177500
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.2 16.9 25.3

