

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055310.D
 Acq On : 26 Oct 2022 22:43
 Operator : CG/JU
 Sample : N5218-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

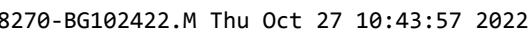
Quant Time: Oct 27 10:43:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

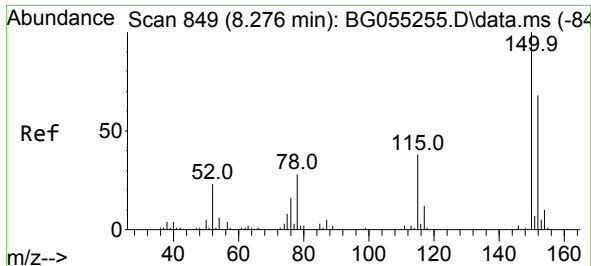
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	37966	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	159900	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	107352	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	247708	20.000	ng	0.00
76) Chrysene-d12	21.890	240	238506	20.000	ng	-0.01
86) Perylene-d12	25.286	264	249402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	238467	109.980	ng	0.00
7) Phenol-d6	7.413	99	341221	108.623	ng	0.00
23) Nitrobenzene-d5	9.446	82	217113	69.334	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	122804	105.230	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	476928	72.715	ng	0.00
79) Terphenyl-d14	20.192	244	817951	71.254	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.446	70	28441	10.903	ng	# 77
51) 2,6-Dinitrotoluene	14.880	165	14139	8.244	ng	# 21
57) 2,4-Dinitrotoluene	14.880	165	14139	5.681	ng	# 19
67) 4-Bromophenyl-phenylether	16.361	248	7960	3.308	ng	# 1
77) Benzidine	20.192	184	12197	2.112	ng	# 87

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

Quant Time: Oct 27 10:43:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

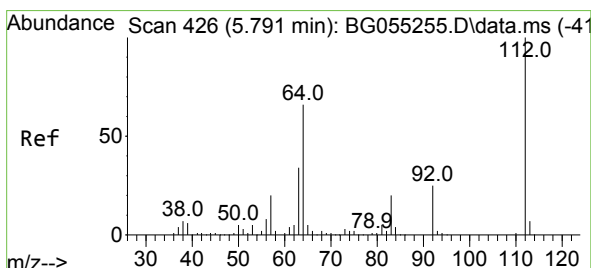
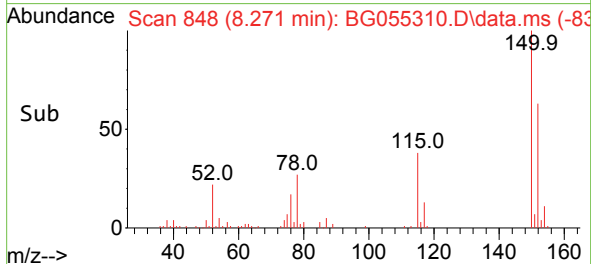
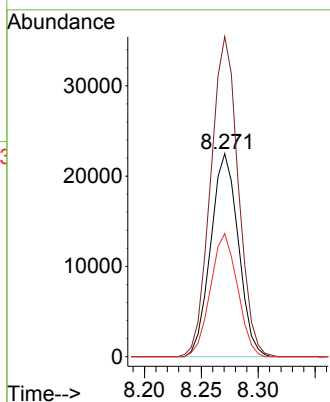
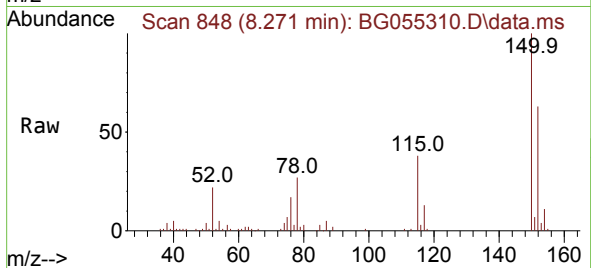




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

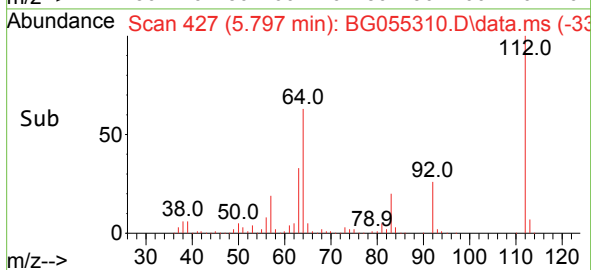
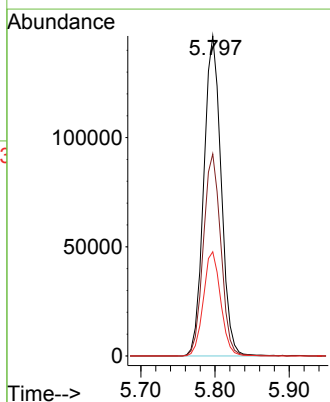
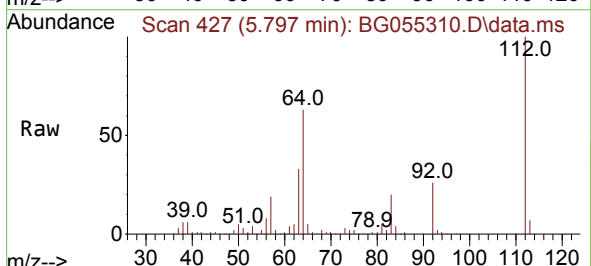
Instrument :
BNA_G
ClientSampleId :
SP-1

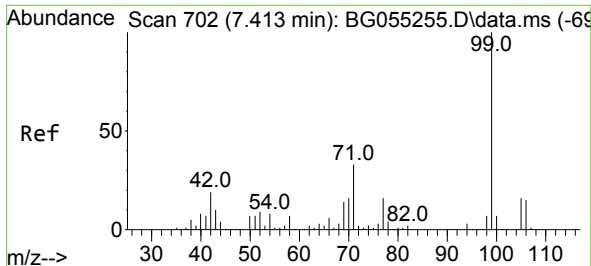
Tgt Ion:152 Resp: 37966
Ion Ratio Lower Upper
152 100
150 157.6 118.2 177.4
115 60.6 44.5 66.7



#5
2-Fluorophenol
Concen: 109.980 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

Tgt Ion:112 Resp: 238467
Ion Ratio Lower Upper
112 100
64 63.1 52.6 78.8
63 32.6 27.1 40.7

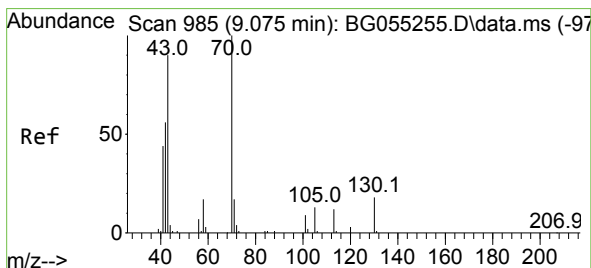
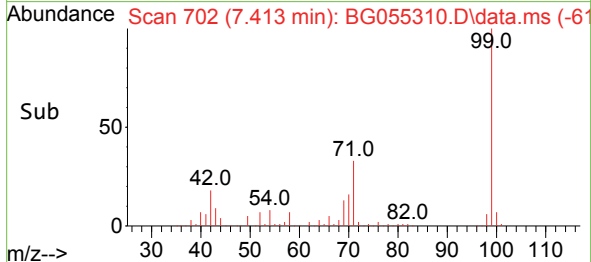
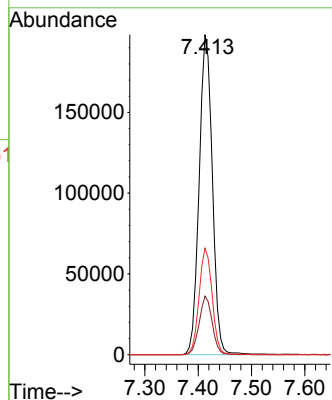
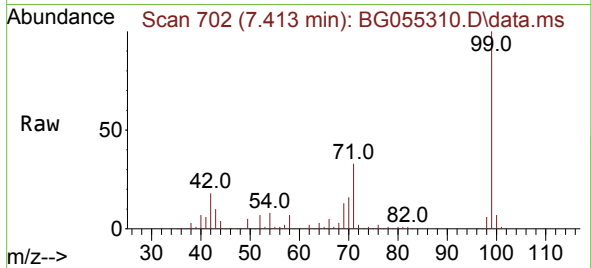




#7
Phenol-d6
Concen: 108.623 ng
RT: 7.413 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

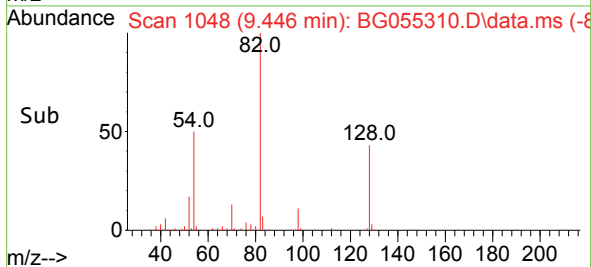
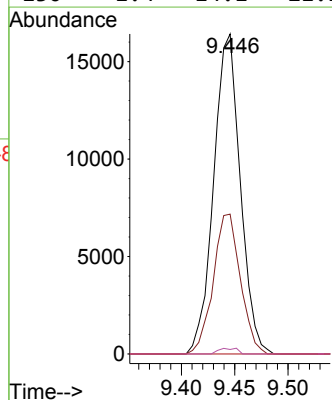
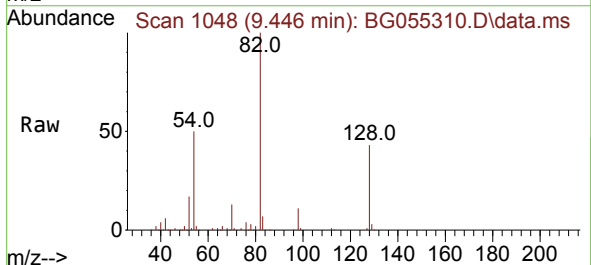
Instrument :
BNA_G
ClientSampleId :
SP-1

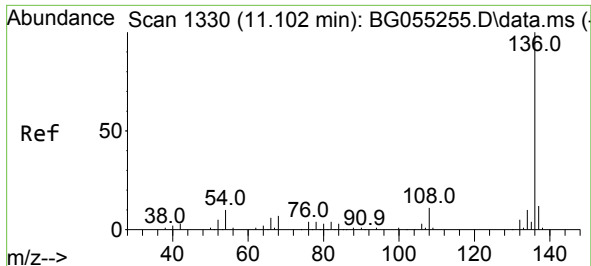
Tgt Ion: 99 Resp: 341221
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 33.3 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.903 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.370 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

Tgt Ion: 70 Resp: 28441
Ion Ratio Lower Upper
70 100
42 43.7 45.8 68.6#
101 0.0 7.4 11.0#
130 1.4 14.1 21.1#

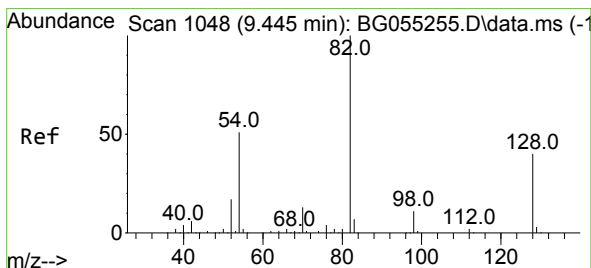
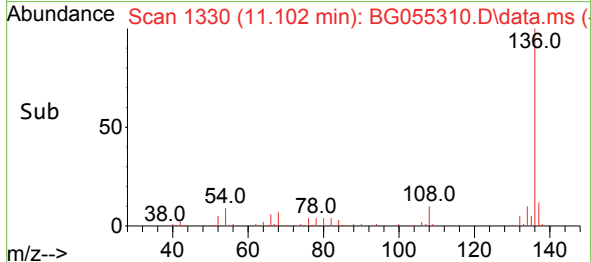
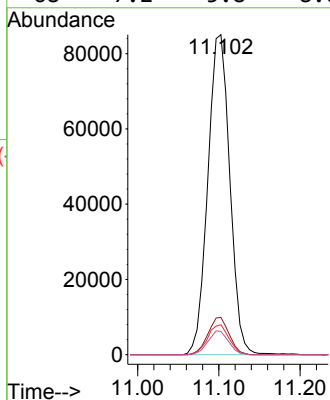
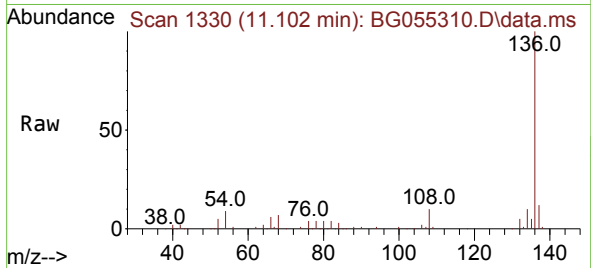




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

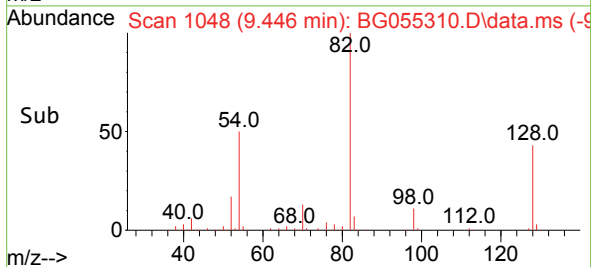
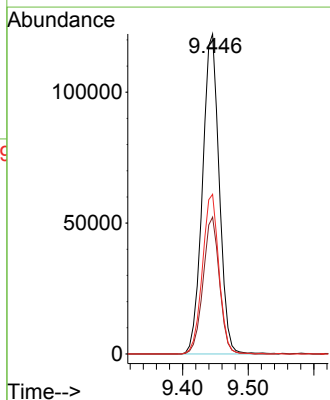
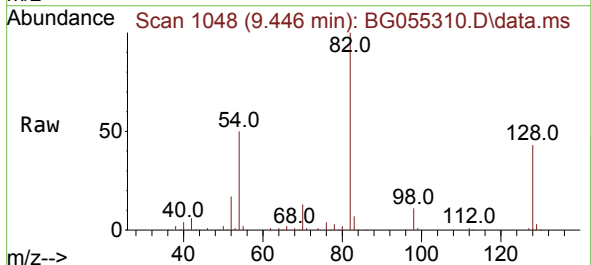
Instrument :
BNA_G
ClientSampleId :
SP-1

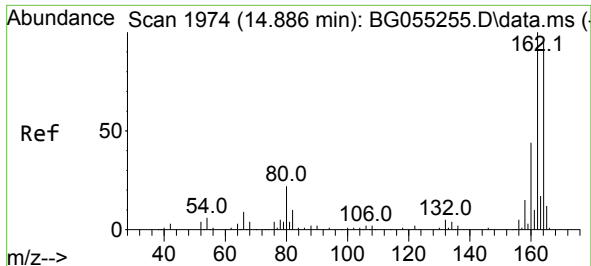
Tgt Ion:	136	Resp:	159900
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.2	13.8
54	9.3	7.8	11.8
68	7.2	5.8	8.6



#23
Nitrobenzene-d5
Concen: 69.334 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

Tgt Ion:	82	Resp:	217113
Ion Ratio	Lower	Upper	
82	100		
128	42.8	32.0	48.0
54	49.9	40.9	61.3

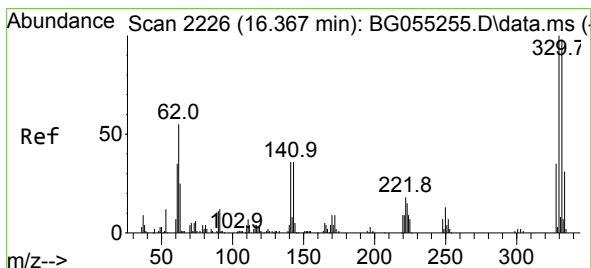
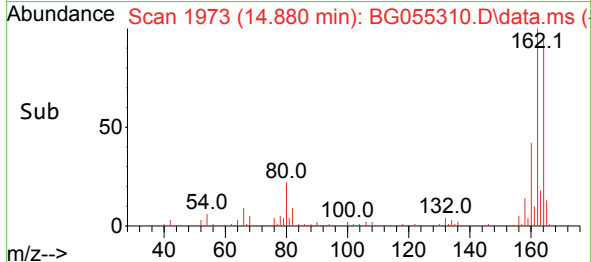
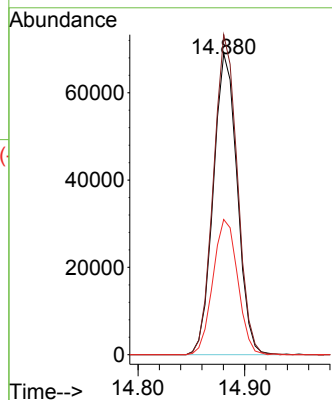
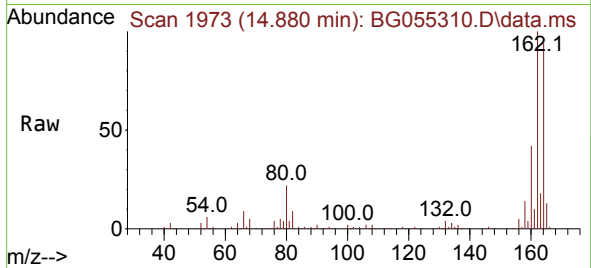




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

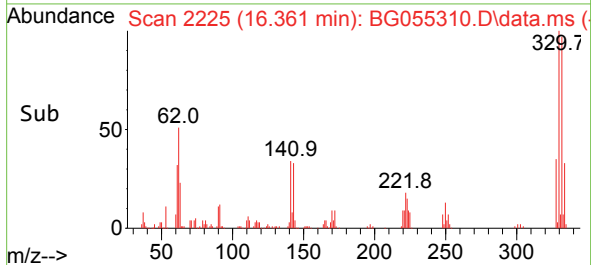
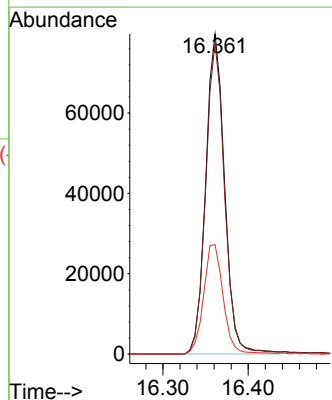
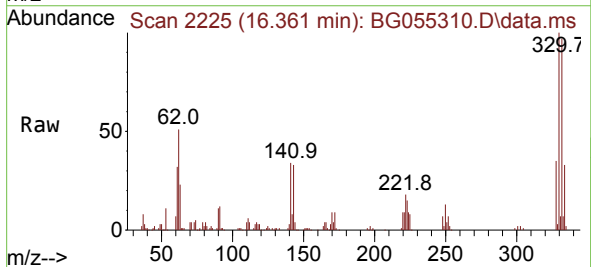
Instrument :
BNA_G
ClientSampleId :
SP-1

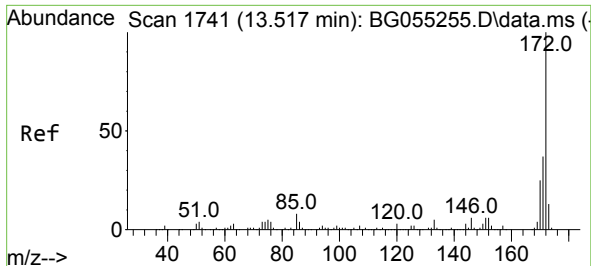
Tgt Ion:164 Resp: 107352
Ion Ratio Lower Upper
164 100
162 106.3 84.0 126.0
160 44.9 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 105.230 ng
RT: 16.361 min Scan# 2225
Delta R.T. -0.006 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

Tgt Ion:330 Resp: 122804
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 35.4 29.8 44.8

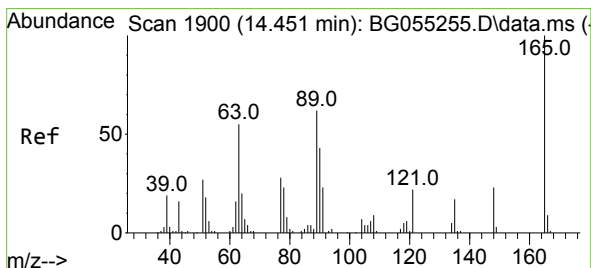
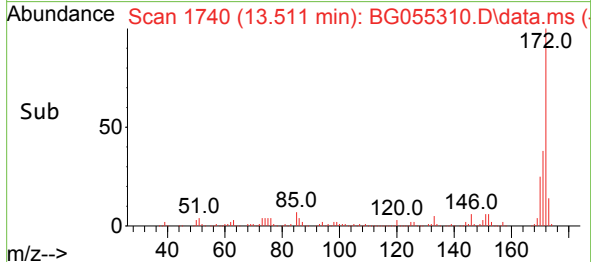
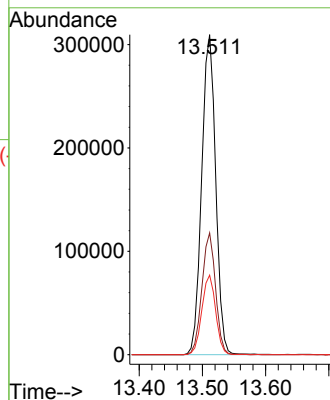
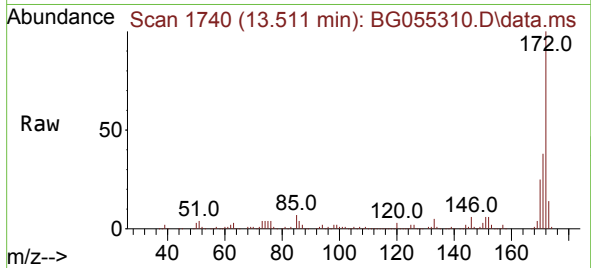




#45
2-Fluorobiphenyl
Concen: 72.715 ng
RT: 13.511 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

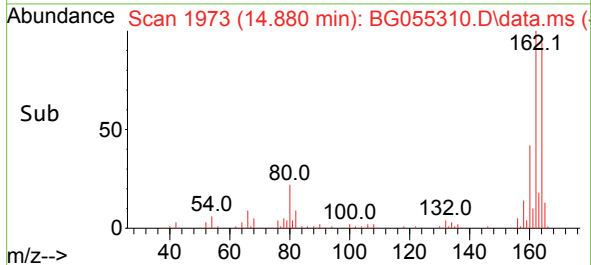
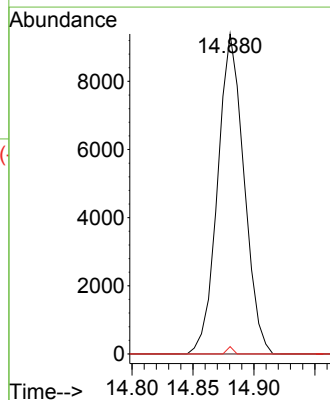
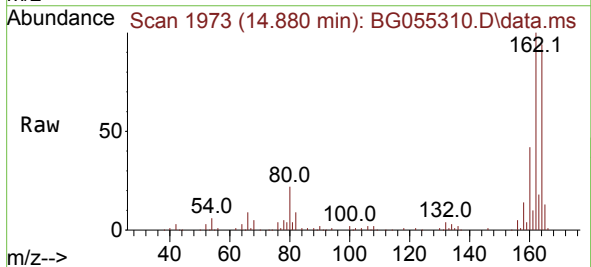
Instrument :
BNA_G
ClientSampleId :
SP-1

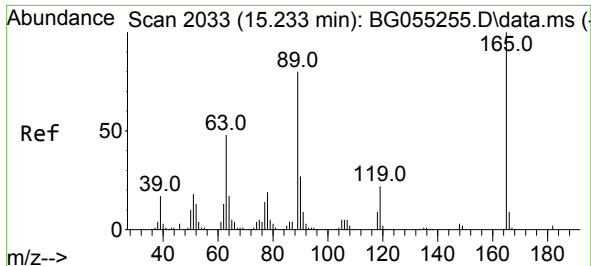
Tgt Ion:172 Resp: 476928
Ion Ratio Lower Upper
172 100
171 38.0 29.7 44.5
170 24.9 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.244 ng
RT: 14.880 min Scan# 1973
Delta R.T. 0.429 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

Tgt Ion:165 Resp: 14139
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 2.3 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.681 ng

RT: 14.880 min Scan# 1973

Delta R.T. -0.352 min

Lab File: BG055310.D

Acq: 26 Oct 2022 22:43

Instrument :

BNA_G

ClientSampleId :

SP-1

Tgt Ion:165 Resp: 14139

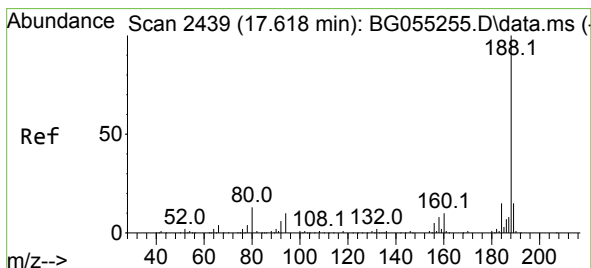
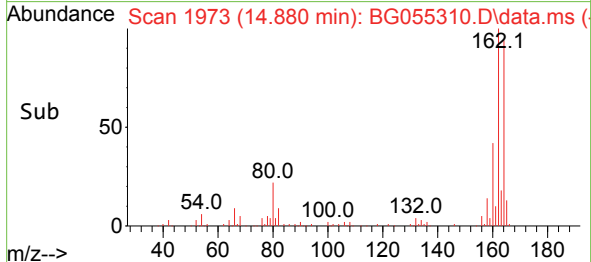
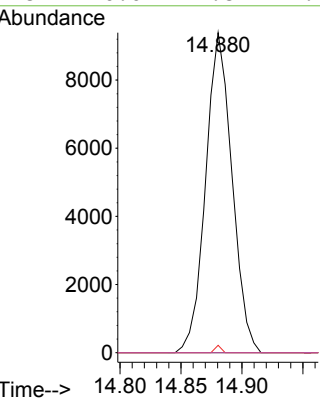
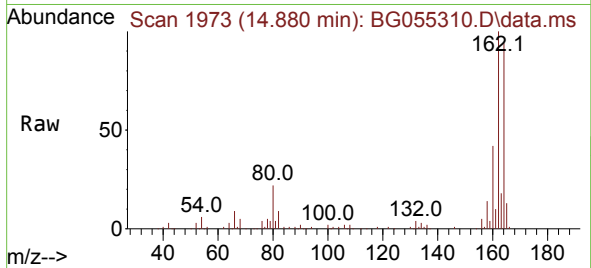
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 2.3 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BG055310.D

Acq: 26 Oct 2022 22:43

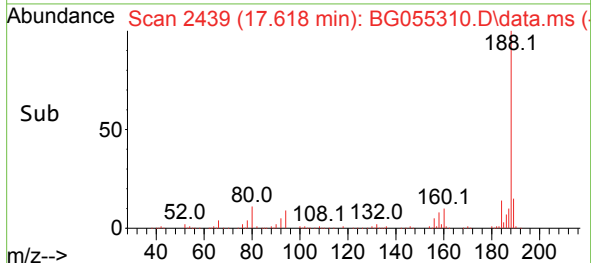
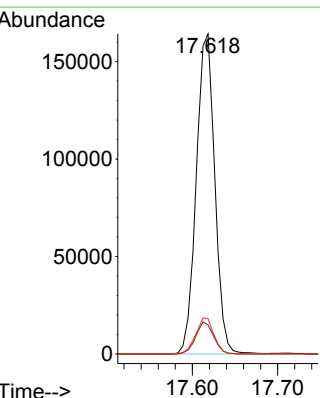
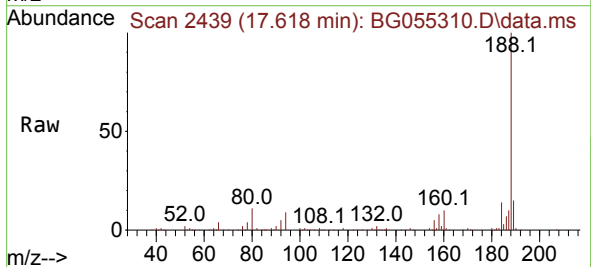
Tgt Ion:188 Resp: 247708

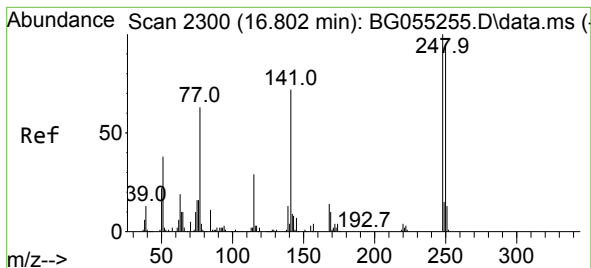
Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.4

80 11.1 10.1 15.1

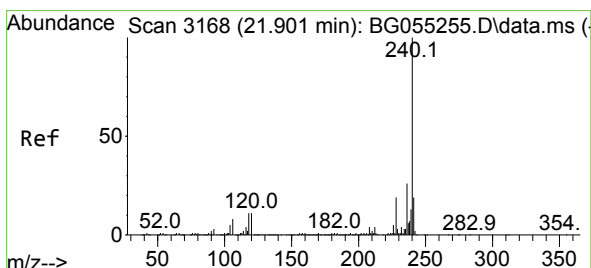
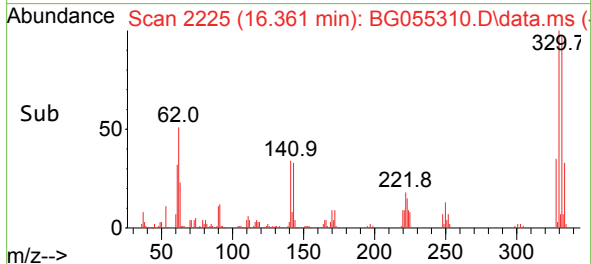
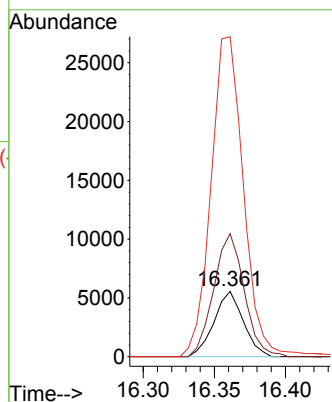
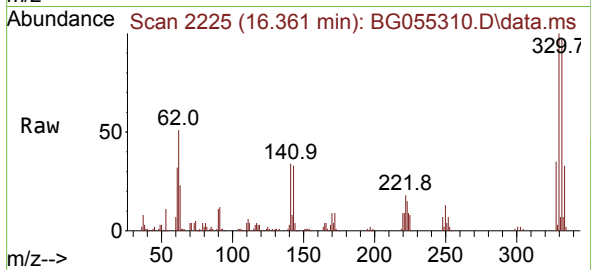




#67
4-Bromophenyl-phenylether
Concen: 3.308 ng
RT: 16.361 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

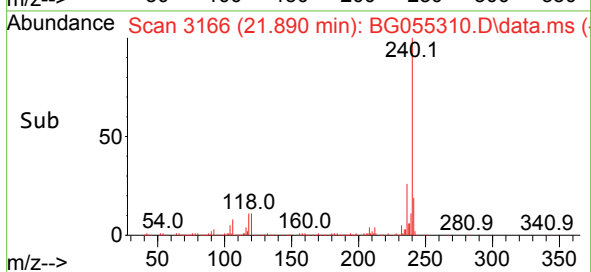
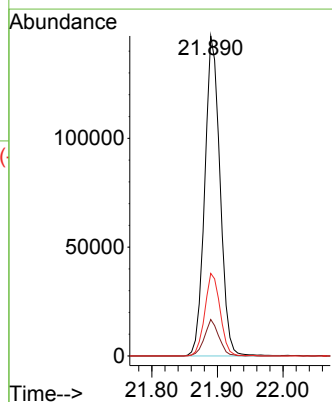
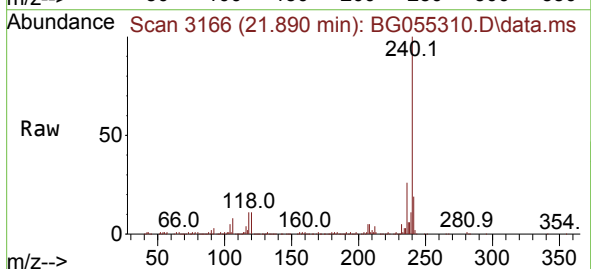
Instrument :
BNA_G
ClientSampleId :
SP-1

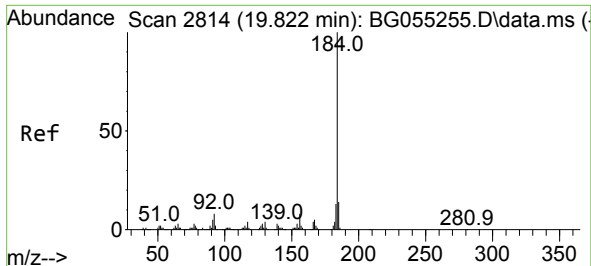
Tgt Ion:248 Resp: 7960
Ion Ratio Lower Upper
248 100
250 188.5 76.0 114.0#
141 490.2 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.890 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

Tgt Ion:240 Resp: 238506
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.8 21.0 31.4

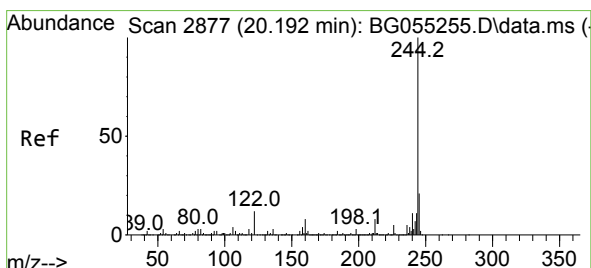
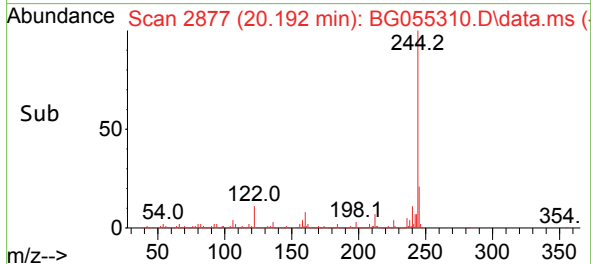
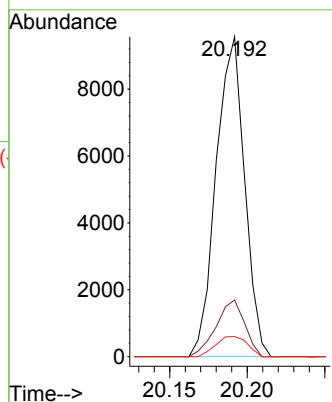
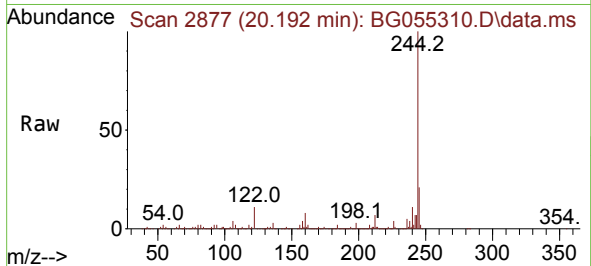




#77
Benzidine
Concen: 2.112 ng
RT: 20.192 min Scan# 2877
Delta R.T. 0.370 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

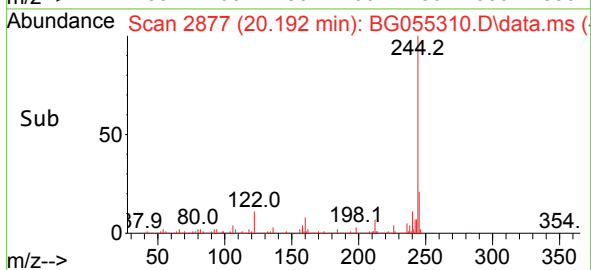
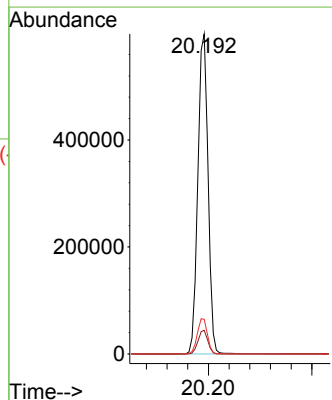
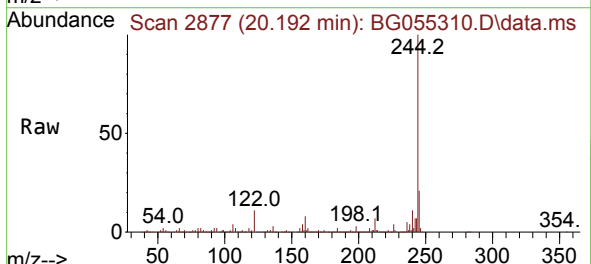
Instrument :
BNA_G
ClientSampleId :
SP-1

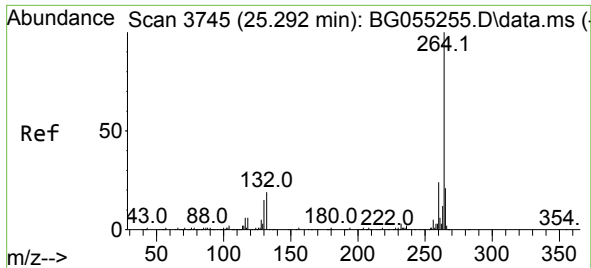
Tgt Ion:184 Resp: 12197
Ion Ratio Lower Upper
184 100
185 17.7 11.0 16.6#
183 6.3 10.0 15.0#



#79
Terphenyl-d14
Concen: 71.254 ng
RT: 20.192 min Scan# 2877
Delta R.T. 0.000 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

Tgt Ion:244 Resp: 817951
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.9 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.286 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG055310.D
 Acq: 26 Oct 2022 22:43

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Tgt Ion:264 Resp: 249402
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.6 17.4 26.2

