

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
 Data File : BG053920.D
 Acq On : 15 Jun 2022 15:56
 Operator : CG/JU
 Sample : M3339-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-226-(26-28)

Quant Time: Jun 15 17:17:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

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

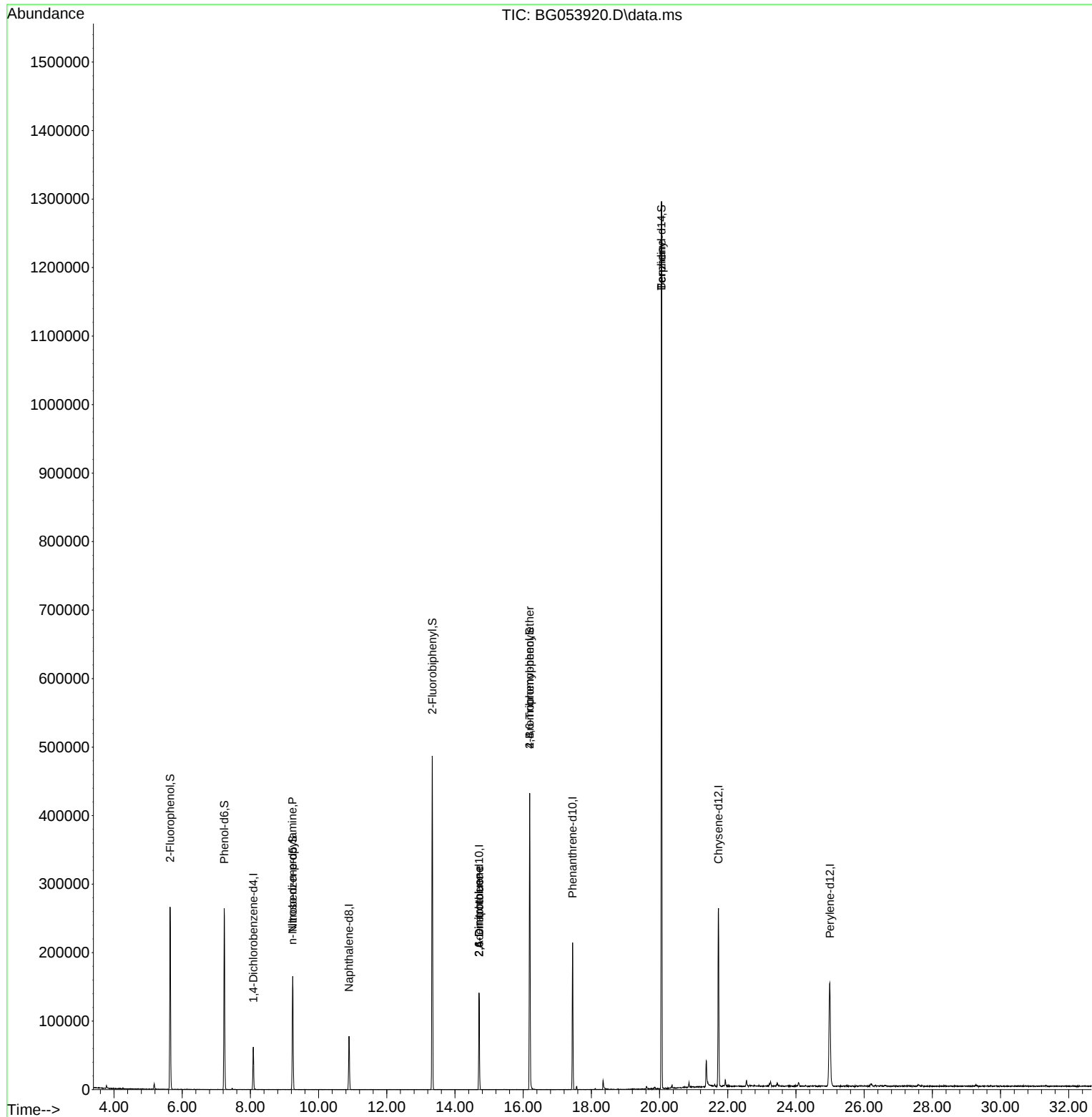
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	19374	20.000	ng	0.00
21) Naphthalene-d8	10.892	136	71726	20.000	ng	# 0.00
39) Acenaphthene-d10	14.705	164	54838	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	151322	20.000	ng	# 0.00
76) Chrysene-d12	21.726	240	192904	20.000	ng	# 0.00
86) Perylene-d12	24.993	264	199617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.645	112	119292	117.723	ng	0.00
7) Phenol-d6	7.231	99	155823	113.354	ng	0.00
23) Nitrobenzene-d5	9.241	82	101657	79.647	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	115908	131.554	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	292117	77.460	ng	0.00
79) Terphenyl-d14	20.057	244	725202	75.717	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.235	70	13531	14.651	ng	# 78
51) 2,6-Dinitrotoluene	14.711	165	7403	8.773	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	7403	6.212	ng	# 21
67) 4-Bromophenyl-phenylether	16.191	248	7279	3.851	ng	# 1
77) Benzidine	20.057	184	8967	2.245	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
Data File : BG053920.D
Acq On : 15 Jun 2022 15:56
Operator : CG/JU
Sample : M3339-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB-226-(26-28)

Quant Time: Jun 15 17:17:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 15:49:31 2022
Response via : Initial Calibration

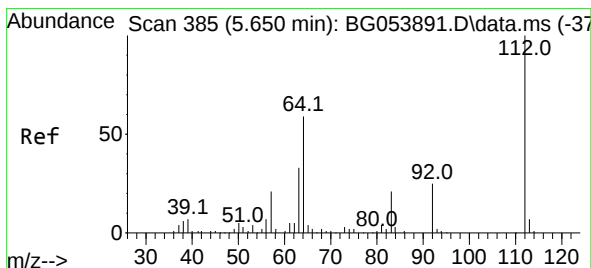
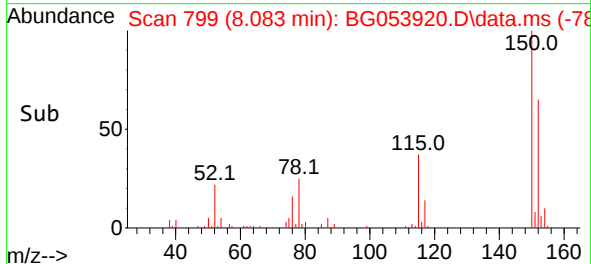
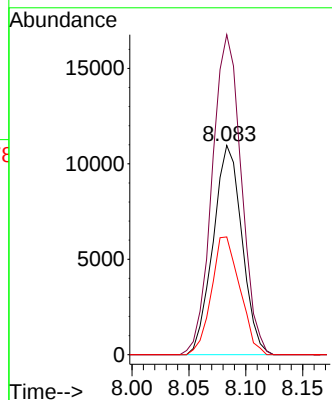
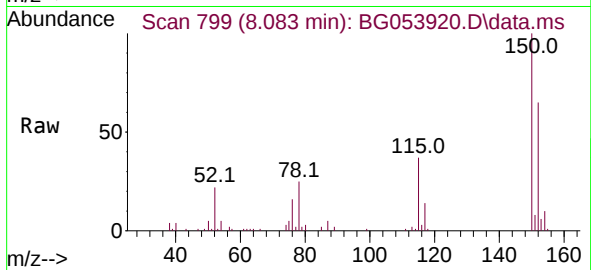




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.083 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

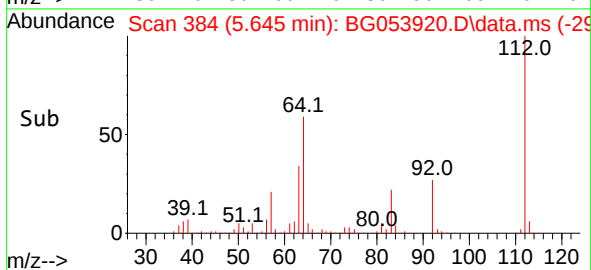
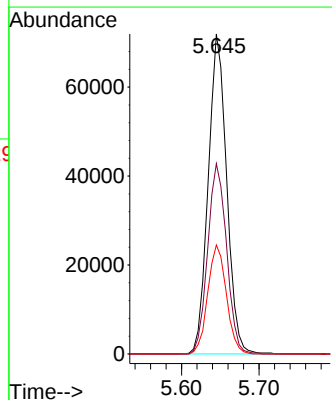
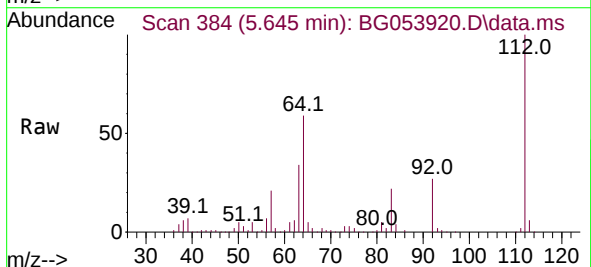
Instrument :
BNA_G
ClientSampleId :
CB-226-(26-28)

Tgt Ion:152 Resp: 19374
Ion Ratio Lower Upper
152 100
150 152.9 131.6 197.4
115 56.2 50.9 76.3



#5
2-Fluorophenol
Concen: 117.723 ng
RT: 5.645 min Scan# 384
Delta R.T. -0.005 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

Tgt Ion:112 Resp: 119292
Ion Ratio Lower Upper
112 100
64 59.4 55.1 82.7
63 34.0 30.4 45.6

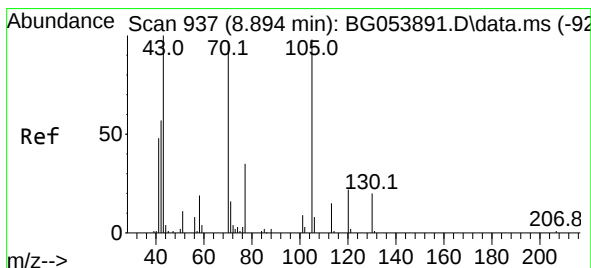
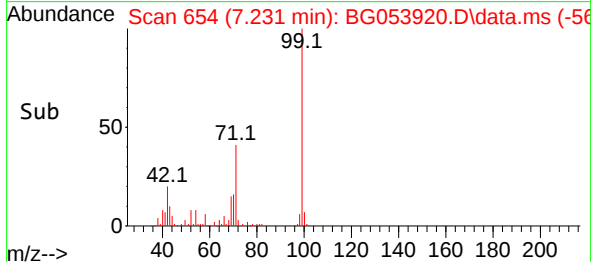
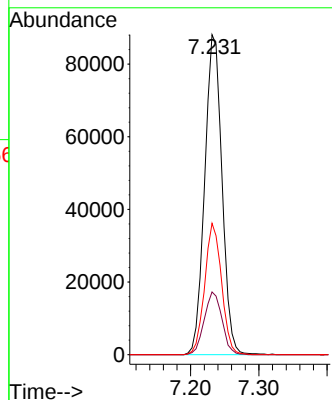
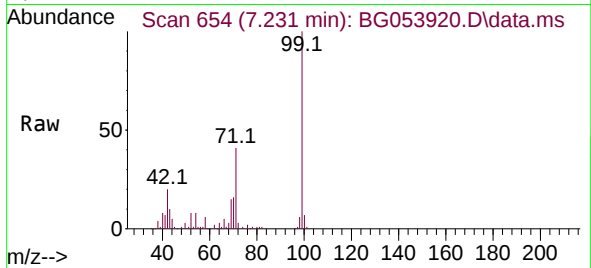




#7
Phenol-d6
Concen: 113.354 ng
RT: 7.231 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

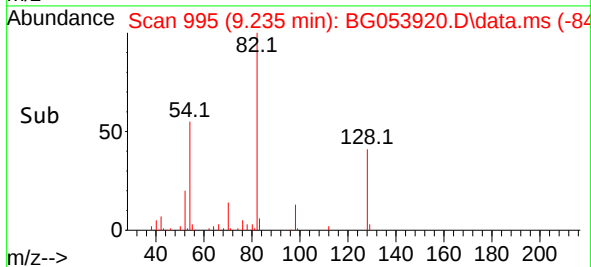
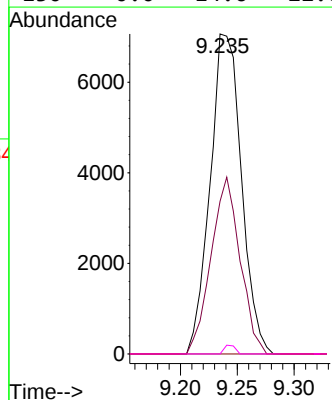
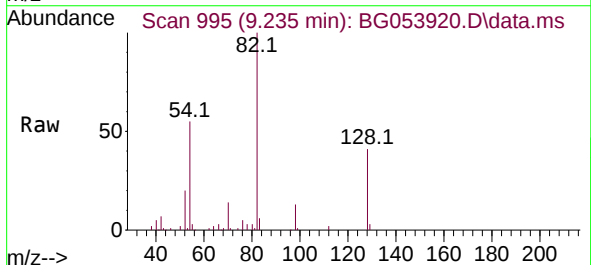
Instrument :
BNA_G
ClientSampleId :
CB-226-(26-28)

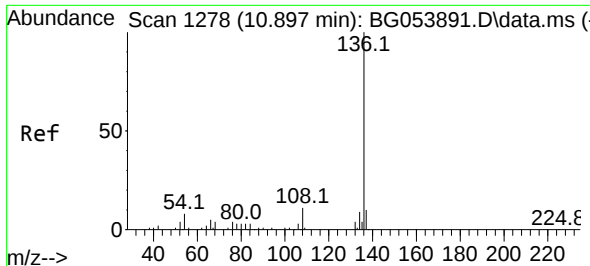
Tgt Ion: 99 Resp: 155823
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 41.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.651 ng
RT: 9.235 min Scan# 995
Delta R.T. 0.341 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

Tgt Ion: 70 Resp: 13531
Ion Ratio Lower Upper
70 100
42 47.7 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

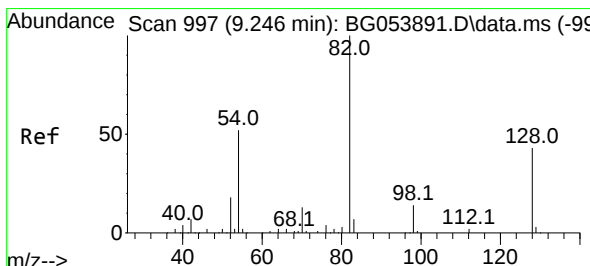
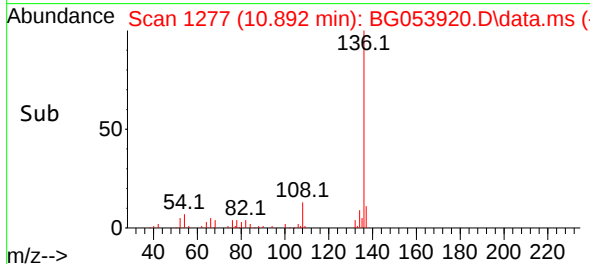
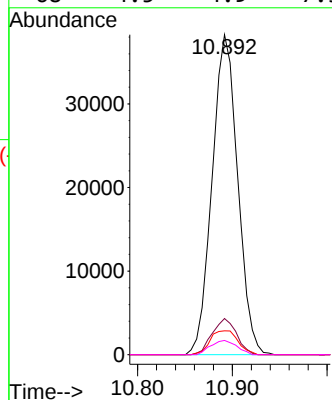
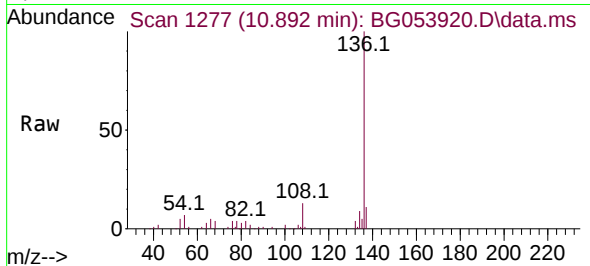




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.892 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

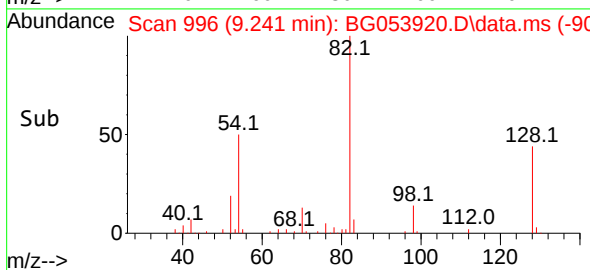
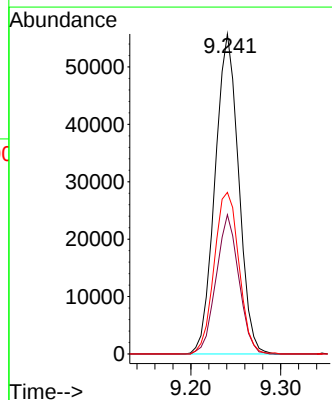
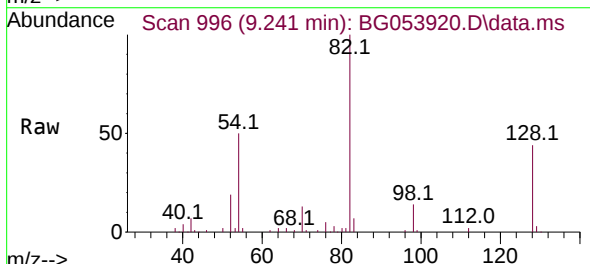
Instrument :
BNA_G
ClientSampleId :
CB-226-(26-28)

Tgt Ion:	136	Resp:	71726
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	7.5	7.4	11.2
68	4.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 79.647 ng
RT: 9.241 min Scan# 996
Delta R.T. -0.005 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

Tgt Ion:	82	Resp:	101657
Ion Ratio	Lower	Upper	
82	100		
128	43.5	27.9	41.9
54	50.5	41.2	61.8

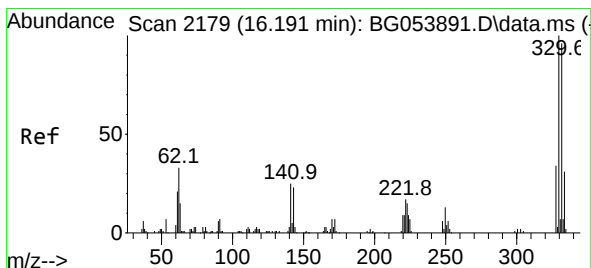
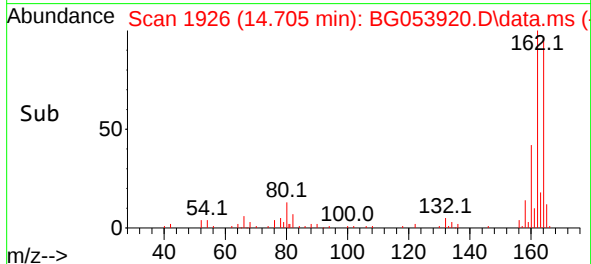
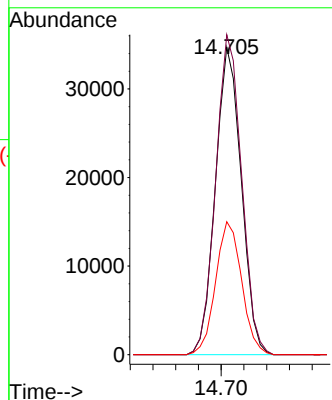
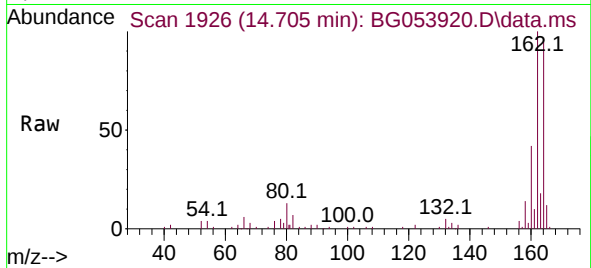




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.705 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

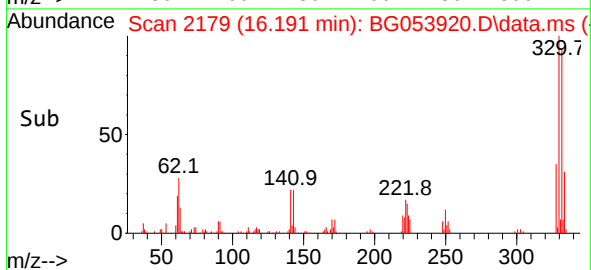
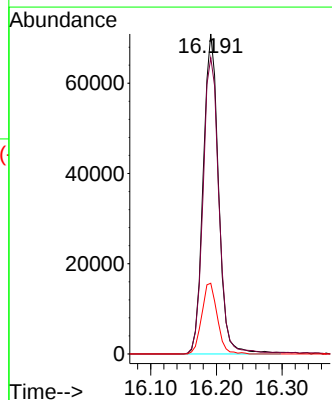
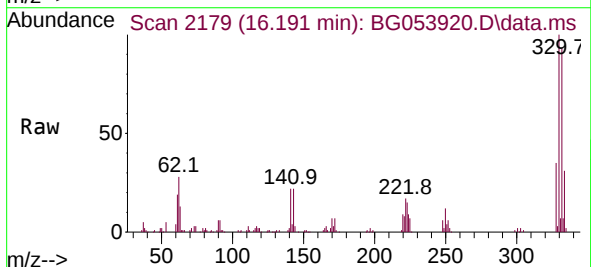
Instrument :
BNA_G
ClientSampleId :
CB-226-(26-28)

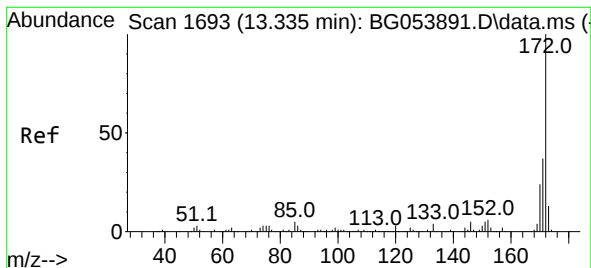
Tgt Ion:164 Resp: 54838
Ion Ratio Lower Upper
164 100
162 104.1 82.3 123.5
160 43.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 131.554 ng
RT: 16.191 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

Tgt Ion:330 Resp: 115908
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 22.2 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 77.460 ng

RT: 13.336 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG053920.D

Acq: 15 Jun 2022 15:56

Instrument :

BNA_G

ClientSampleId :

CB-226-(26-28)

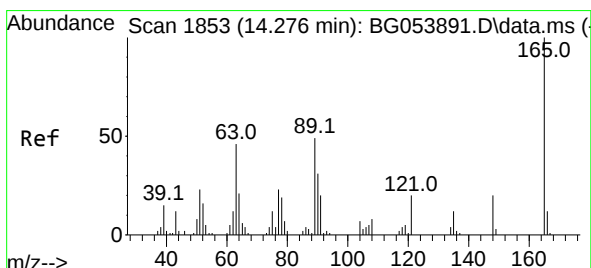
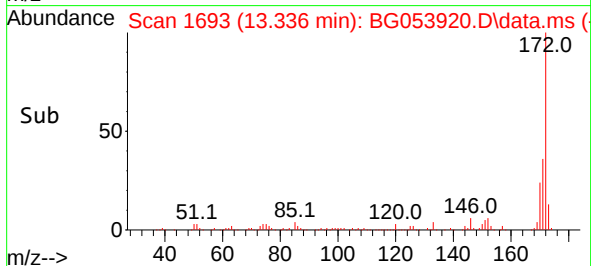
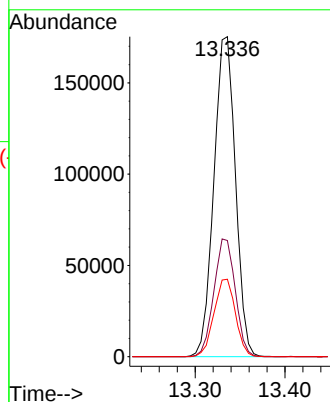
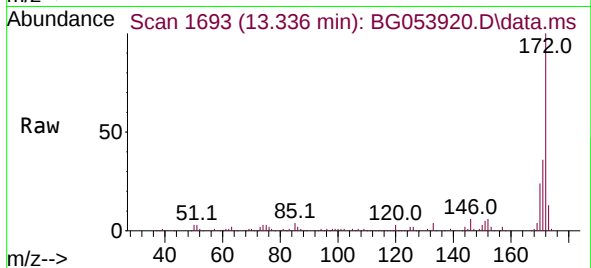
Tgt Ion:172 Resp: 292117

Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 24.2 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.773 ng

RT: 14.711 min Scan# 1927

Delta R.T. 0.435 min

Lab File: BG053920.D

Acq: 15 Jun 2022 15:56

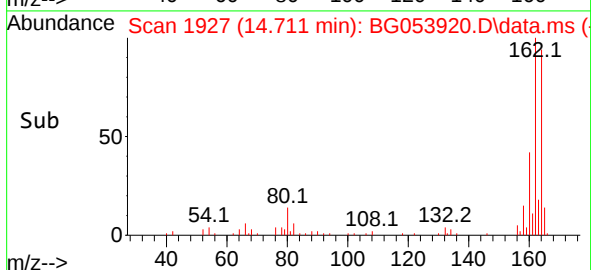
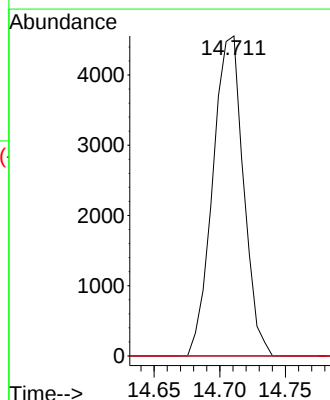
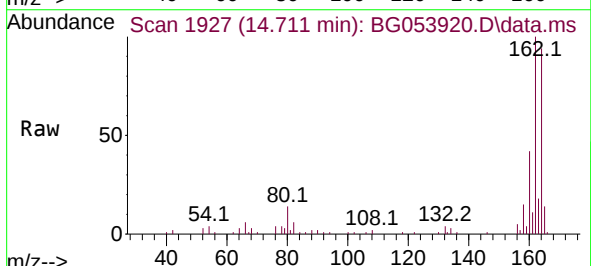
Tgt Ion:165 Resp: 7403

Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

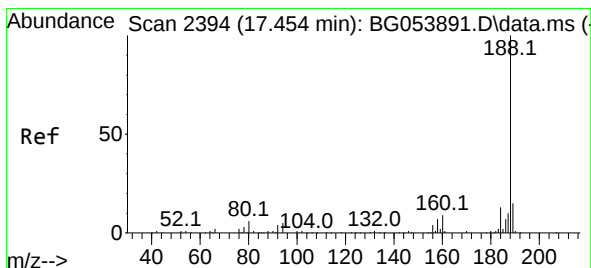
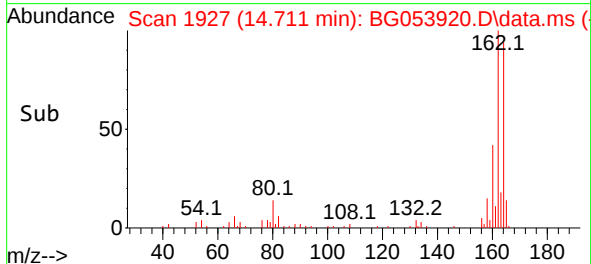
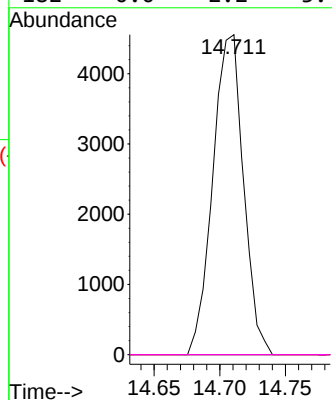
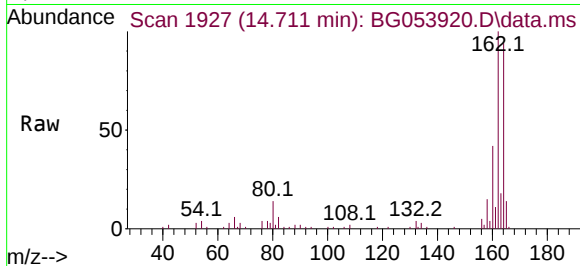




#57
2,4-Dinitrotoluene
Concen: 6.212 ng
RT: 14.711 min Scan# 1987
Delta R.T. -0.352 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

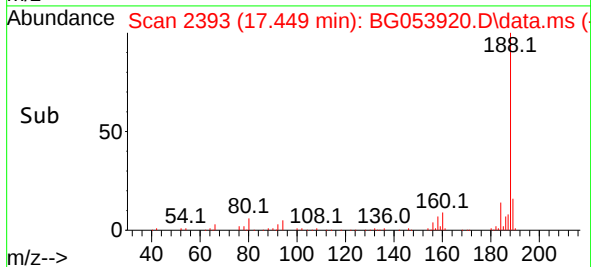
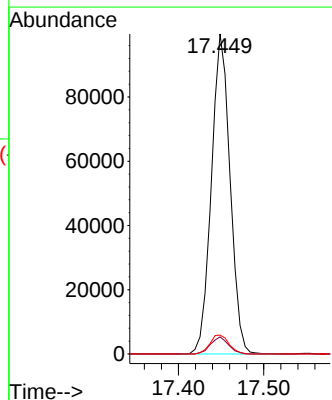
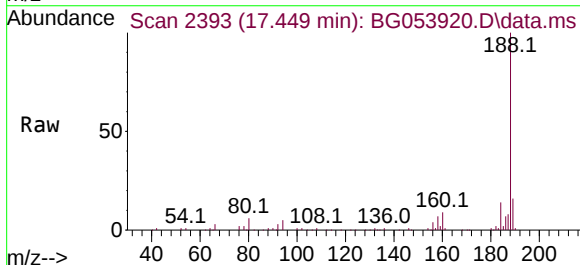
Instrument :
BNA_G
ClientSampleId :
CB-226-(26-28)

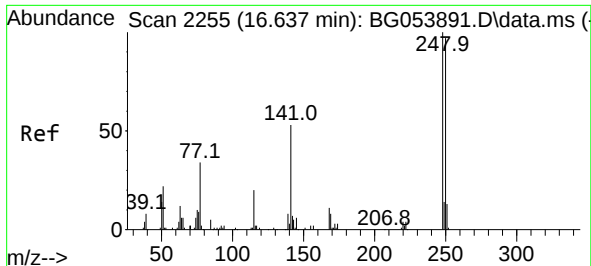
Tgt Ion:165	Resp:	7403
Ion	Ratio	Lower Upper
165	100	
63	0.0	34.6 52.0#
89	0.0	60.3 90.5#
182	0.0	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.449 min Scan# 2393
Delta R.T. -0.005 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

Tgt Ion:188	Resp:	151322
Ion	Ratio	Lower Upper
188	100	
94	5.4	5.4 8.0
80	5.9	6.8 10.2#

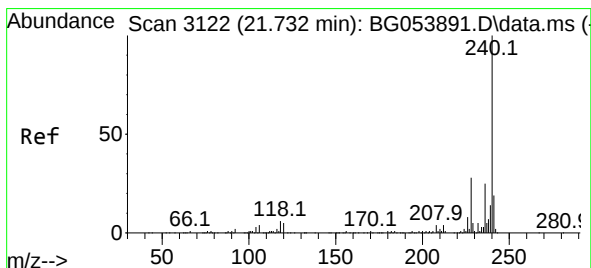
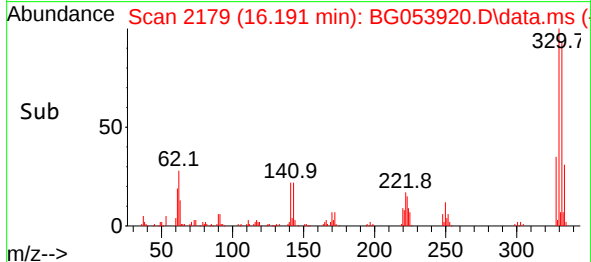
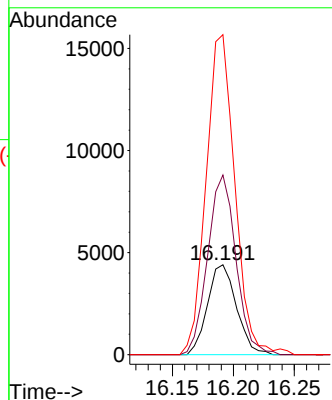
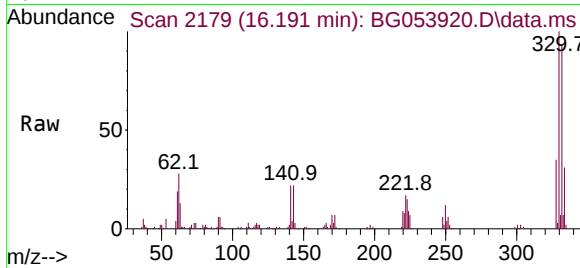




#67
4-Bromophenyl-phenylether
Concen: 3.851 ng
RT: 16.191 min Scan# 2179
Delta R.T. -0.446 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

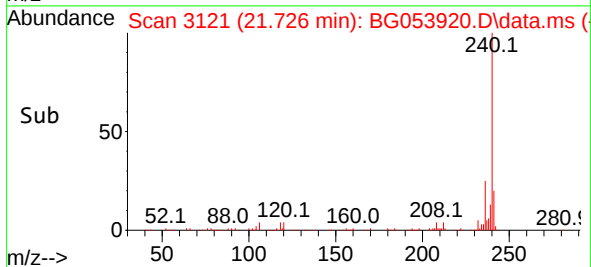
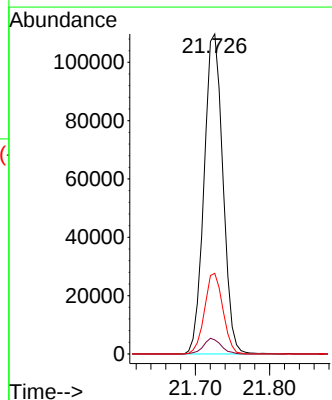
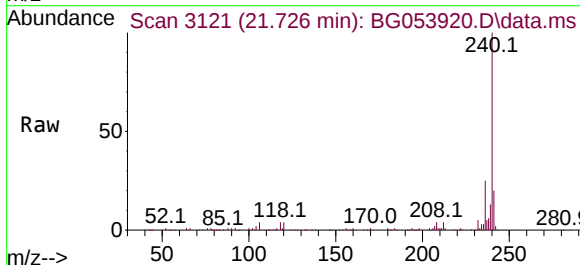
Instrument :
BNA_G
ClientSampleId :
CB-226-(26-28)

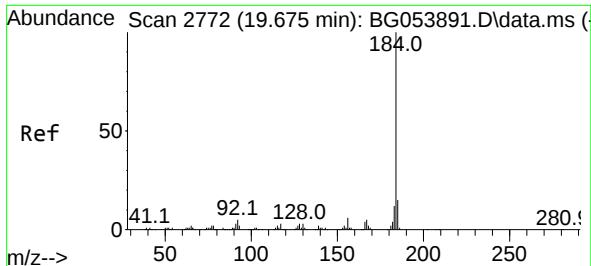
Tgt Ion:248 Resp: 7279
Ion Ratio Lower Upper
248 100
250 156.6 75.2 112.8#
141 278.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 3121
Delta R.T. -0.005 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

Tgt Ion:240 Resp: 192904
Ion Ratio Lower Upper
240 100
120 4.4 4.6 7.0#
236 25.2 20.2 30.4

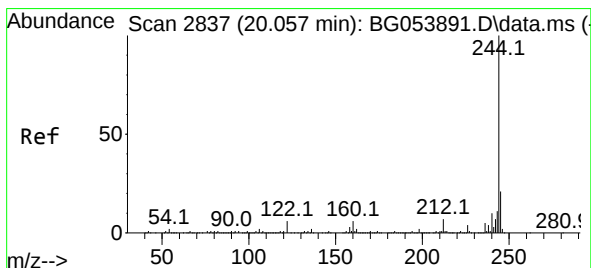
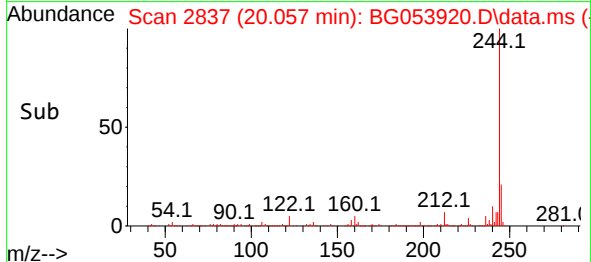
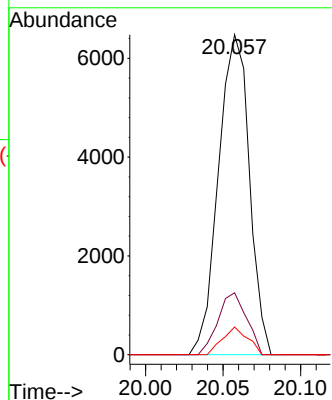
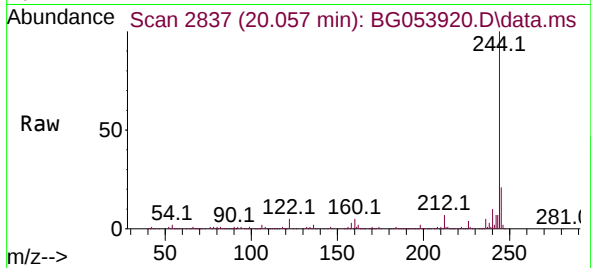




#77
Benzidine
Concen: 2.245 ng
RT: 20.057 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

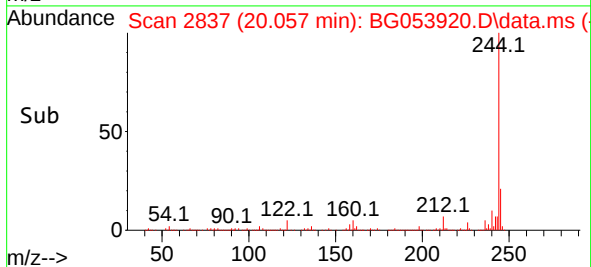
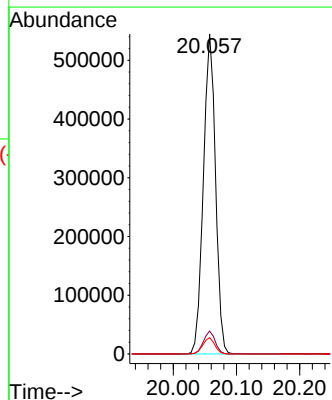
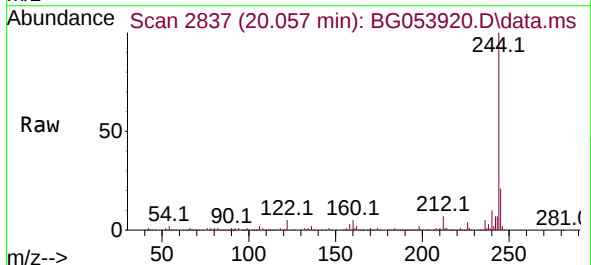
Instrument :
BNA_G
ClientSampleId :
CB-226-(26-28)

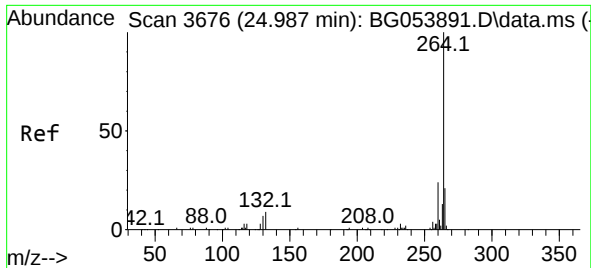
Tgt Ion:184 Resp: 8967
Ion Ratio Lower Upper
184 100
185 19.3 11.8 17.6#
183 8.6 8.9 13.3#



#79
Terphenyl-d14
Concen: 75.717 ng
RT: 20.057 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BG053920.D
Acq: 15 Jun 2022 15:56

Tgt Ion:244 Resp: 725202
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 5.1 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.993 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG053920.D
 Acq: 15 Jun 2022 15:56

Instrument :
 BNA_G
 ClientSampleId :
 CB-226-(26-28)

Tgt Ion:264 Resp: 199617
 Ion Ratio Lower Upper
 264 100
 260 21.5 19.0 28.6
 265 21.0 17.4 26.2

