

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
 Data File : BG053917.D
 Acq On : 15 Jun 2022 10:42
 Operator : CG/JU
 Sample : PB145458TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145458TB

Quant Time: Jun 15 17:15:53 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)

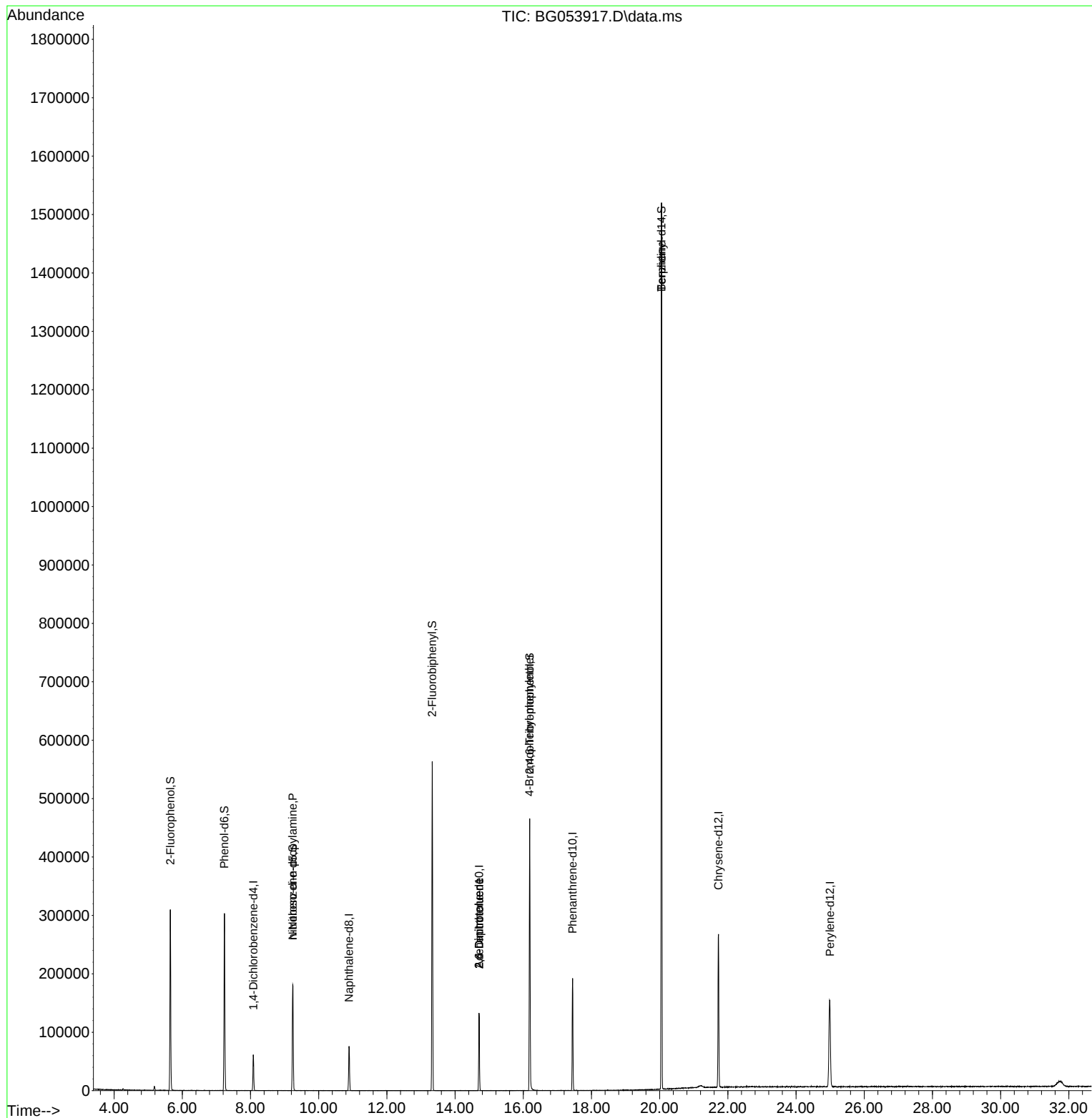
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	19090	20.000	ng	0.00
21) Naphthalene-d8	10.891	136	71255	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	53269	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	143678	20.000	ng	# 0.00
76) Chrysene-d12	21.725	240	195806	20.000	ng	# 0.00
86) Perylene-d12	24.992	264	200052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	141716	141.932	ng	0.00
7) Phenol-d6	7.236	99	179975	132.871	ng	0.00
23) Nitrobenzene-d5	9.240	82	119671	94.380	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	125603	146.756	ng	0.00
45) 2-Fluorobiphenyl	13.329	172	338822	92.491	ng	0.00
79) Terphenyl-d14	20.057	244	866725	89.152	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.240	70	16278	17.888	ng	# 77
51) 2,6-Dinitrotoluene	14.704	165	6943	8.471	ng	# 16
57) 2,4-Dinitrotoluene	14.704	165	6943	5.998	ng	# 21
67) 4-Bromophenyl-phenylether	16.185	248	7154	3.987	ng	# 1
77) Benzidine	20.057	184	10963	2.704	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
Data File : BG053917.D
Acq On : 15 Jun 2022 10:42
Operator : CG/JU
Sample : PB145458TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB145458TB

Quant Time: Jun 15 17:15:53 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

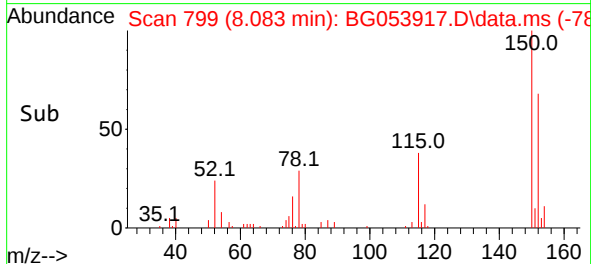
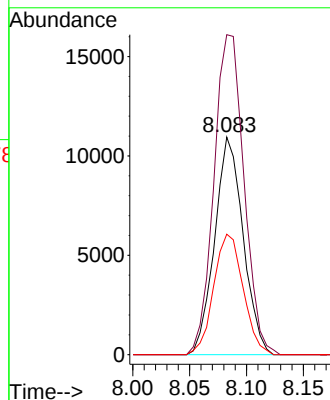
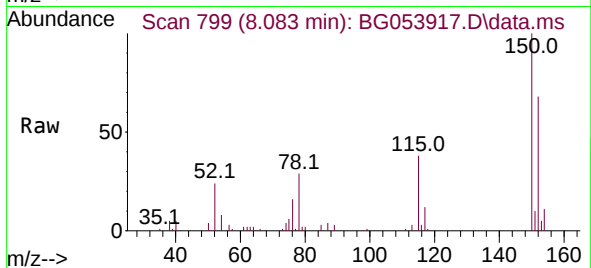




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.083 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

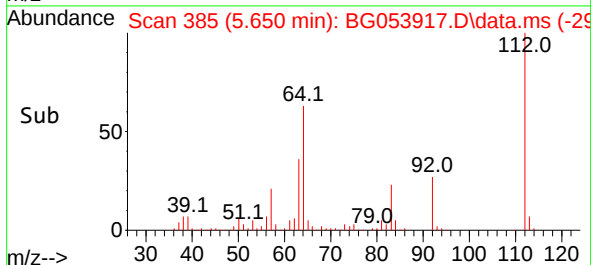
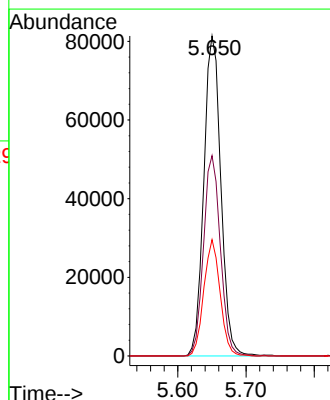
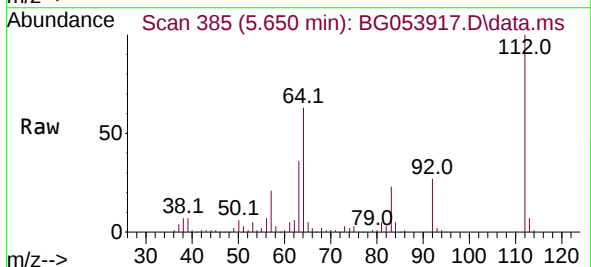
Instrument :
BNA_G
ClientSampleId :
PB145458TB

Tgt Ion:152 Resp: 19090
Ion Ratio Lower Upper
152 100
150 147.0 131.6 197.4
115 55.3 50.9 76.3



#5
2-Fluorophenol
Concen: 141.932 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

Tgt Ion:112 Resp: 141716
Ion Ratio Lower Upper
112 100
64 62.6 55.1 82.7
63 36.3 30.4 45.6

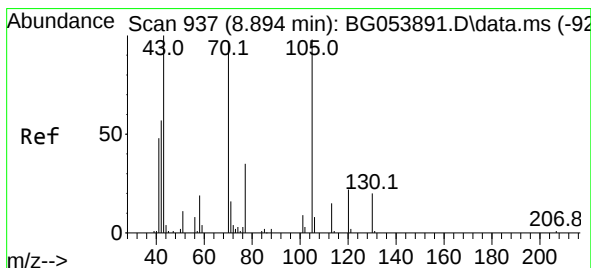
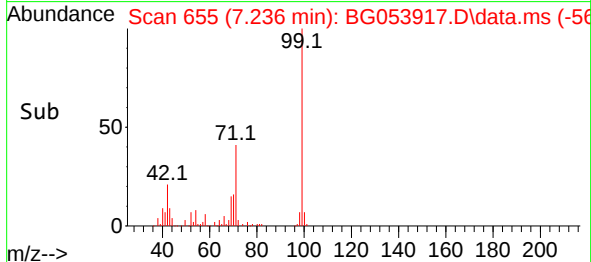
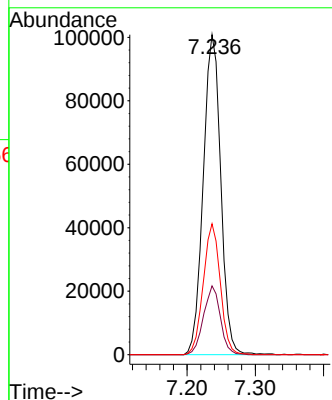
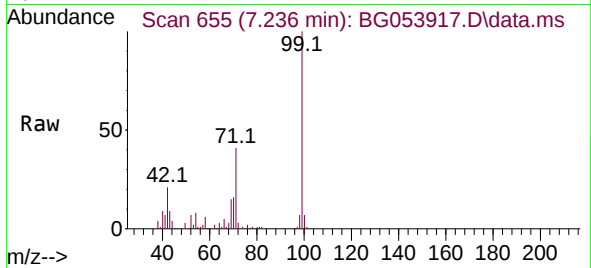




#7
Phenol-d6
Concen: 132.871 ng
RT: 7.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

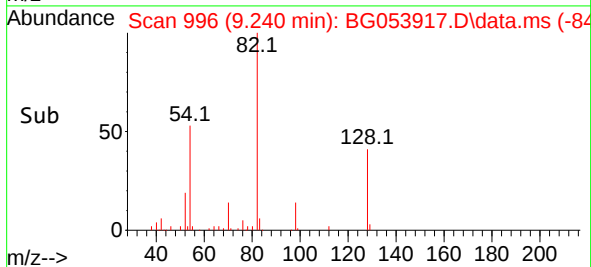
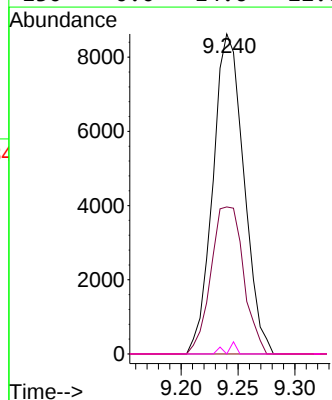
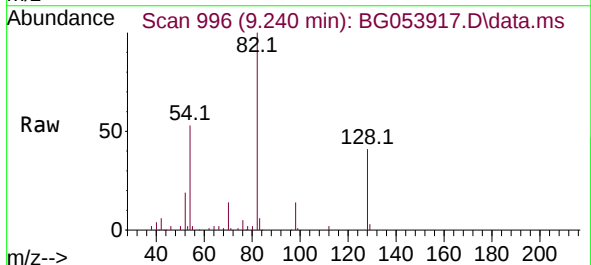
Instrument :
BNA_G
ClientSampleId :
PB145458TB

Tgt Ion: 99 Resp: 179975
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 40.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.888 ng
RT: 9.240 min Scan# 996
Delta R.T. 0.346 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

Tgt Ion: 70 Resp: 16278
Ion Ratio Lower Upper
70 100
42 46.0 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

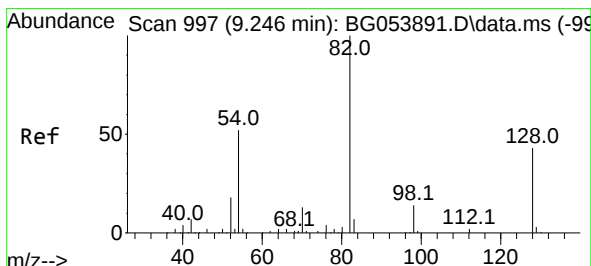
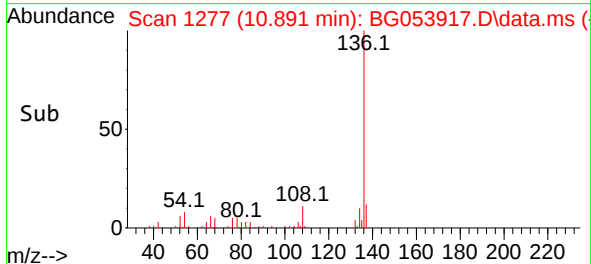
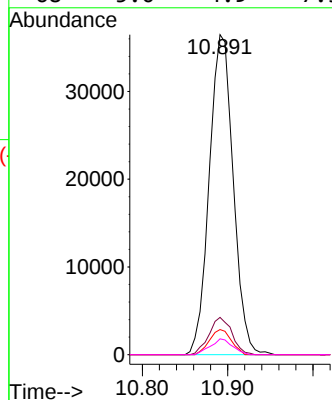
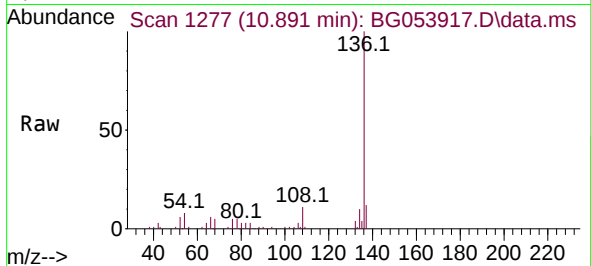




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.891 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

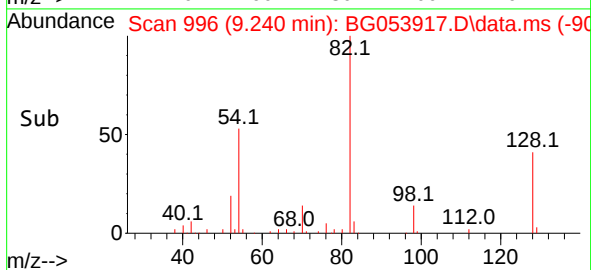
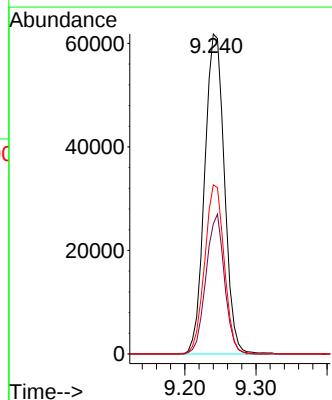
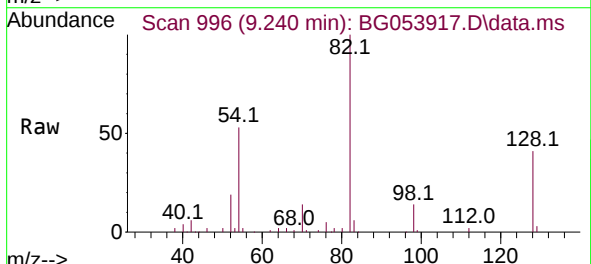
Instrument :
BNA_G
ClientSampleId :
PB145458TB

Tgt Ion:	136	Resp:	71255
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	7.8	7.4	11.2
68	5.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 94.380 ng
RT: 9.240 min Scan# 996
Delta R.T. -0.006 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

Tgt Ion:	82	Resp:	119671
Ion	Ratio	Lower	Upper
82	100		
128	40.7	27.9	41.9
54	52.9	41.2	61.8

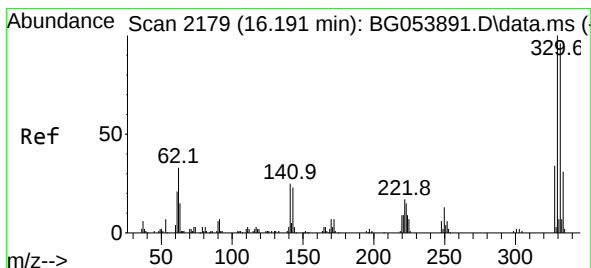
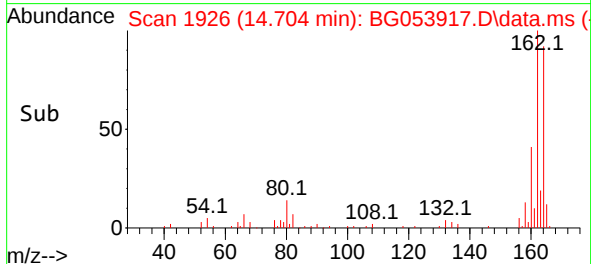
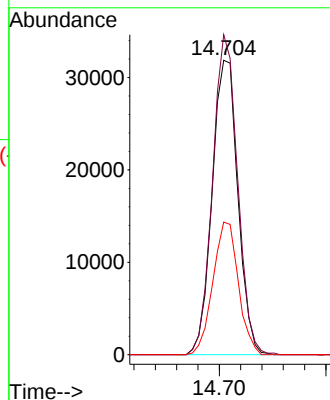
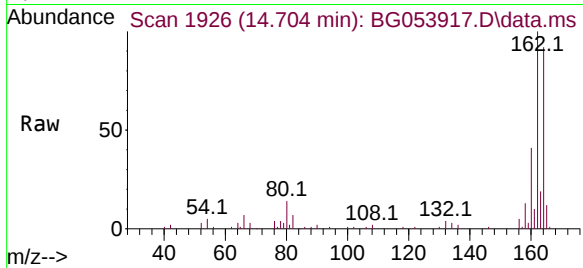




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

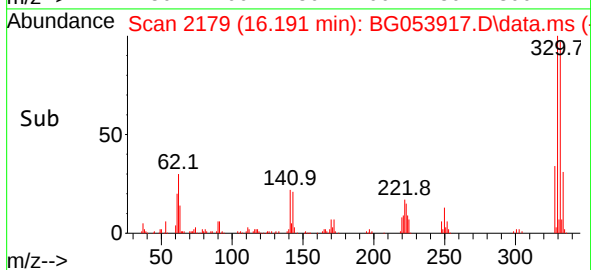
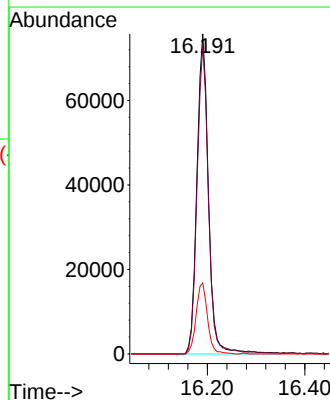
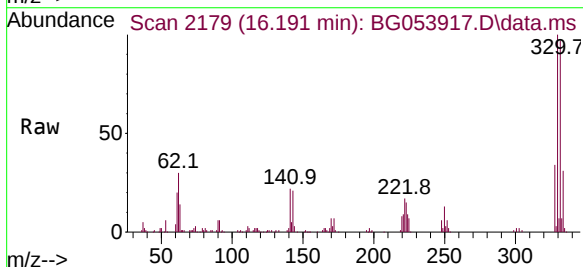
Instrument :
BNA_G
ClientSampleId :
PB145458TB

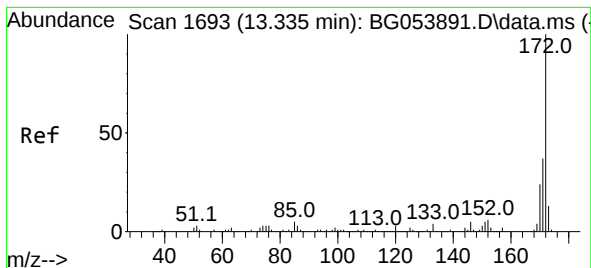
Tgt Ion:164 Resp: 53269
Ion Ratio Lower Upper
164 100
162 108.7 82.3 123.5
160 45.1 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 146.756 ng
RT: 16.191 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

Tgt Ion:330 Resp: 125603
Ion Ratio Lower Upper
330 100
332 94.1 76.0 114.0
141 21.8 27.1 40.7#

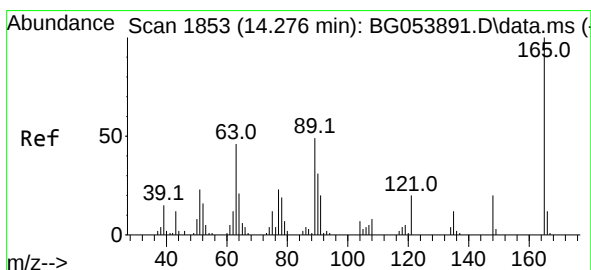
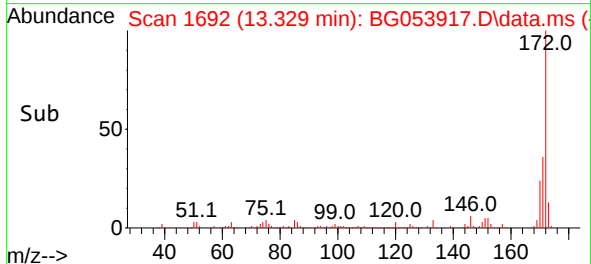
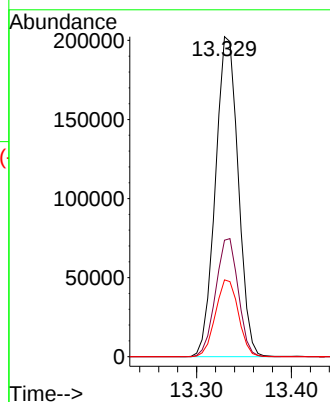
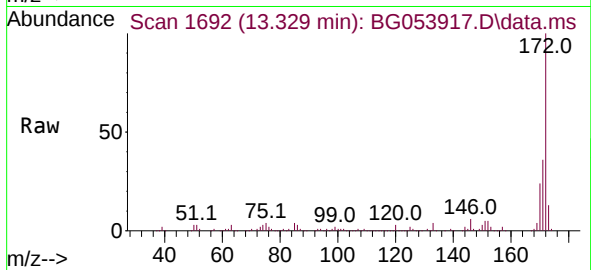




#45
2-Fluorobiphenyl
Concen: 92.491 ng
RT: 13.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

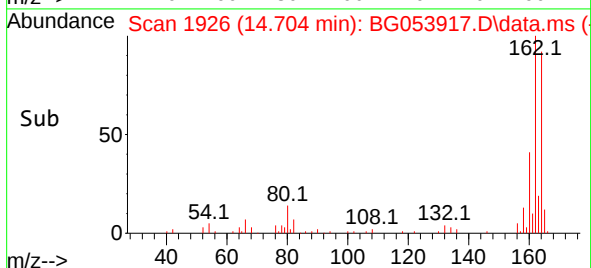
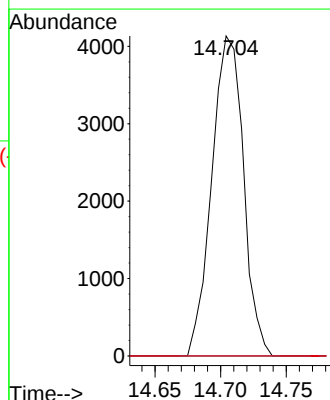
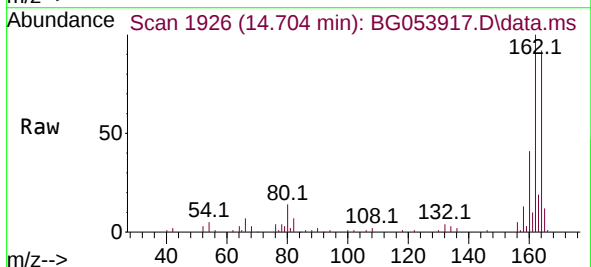
Instrument :
BNA_G
ClientSampleId :
PB145458TB

Tgt Ion:172 Resp: 338822
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.471 ng
RT: 14.704 min Scan# 1926
Delta R.T. 0.429 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

Tgt Ion:165 Resp: 6943
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

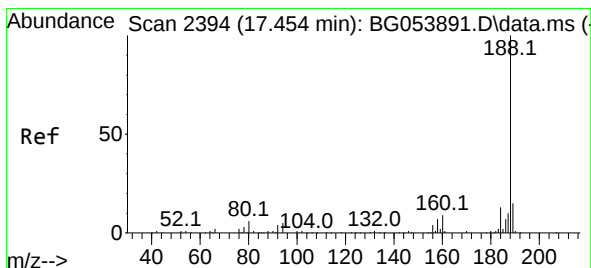
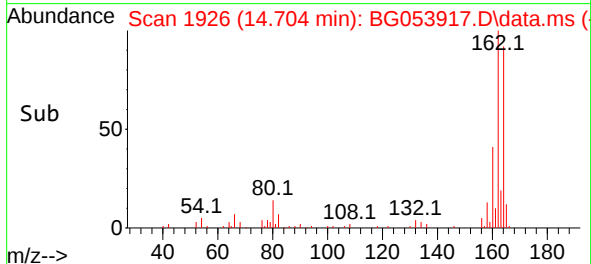
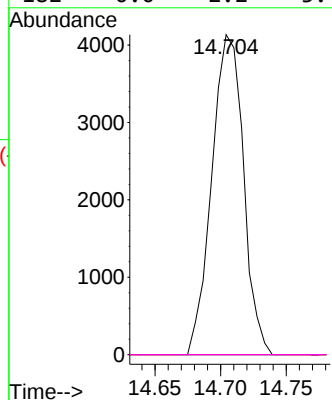
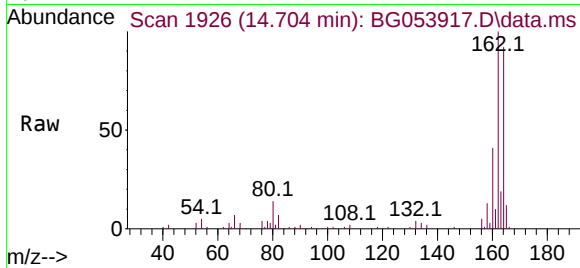




#57
2,4-Dinitrotoluene
Concen: 5.998 ng
RT: 14.704 min Scan# 1987
Delta R.T. -0.359 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

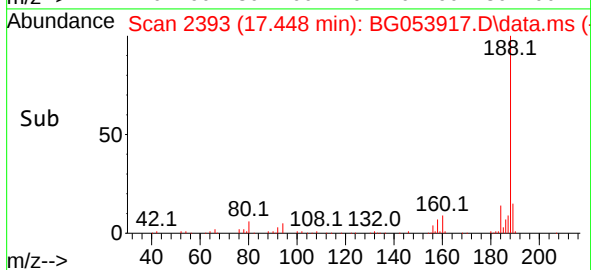
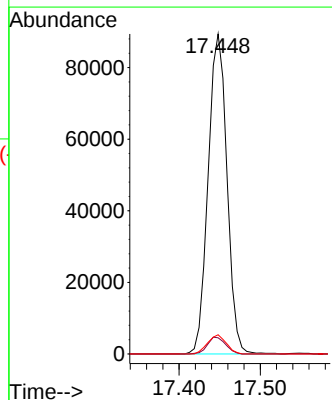
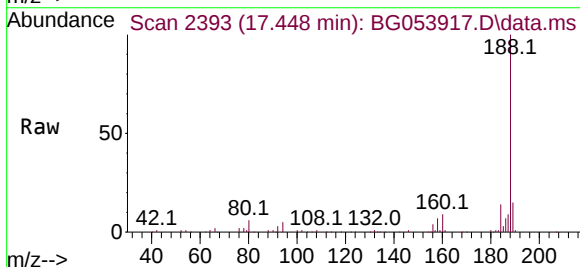
Instrument :
BNA_G
ClientSampleId :
PB145458TB

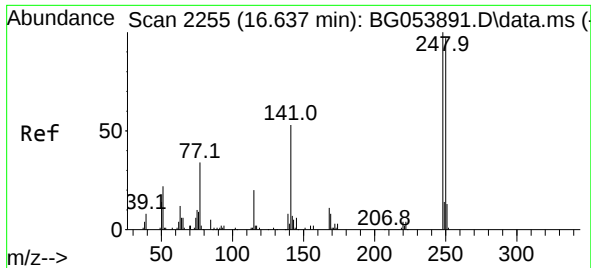
Tgt Ion:165 Resp: 6943
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

Tgt Ion:188 Resp: 143678
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.0 6.8 10.2#

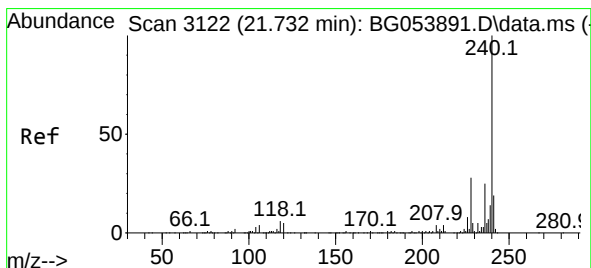
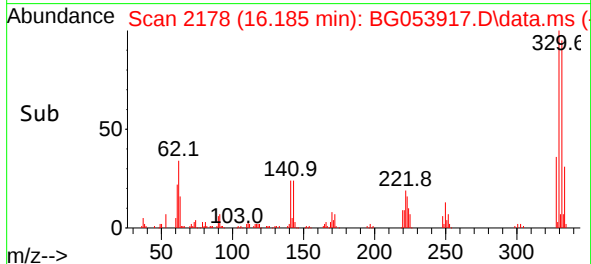
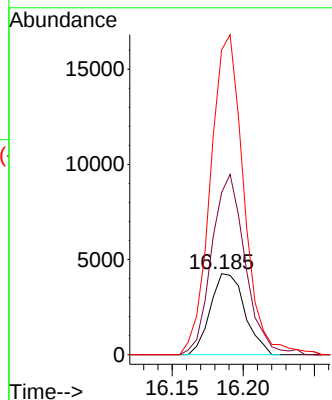
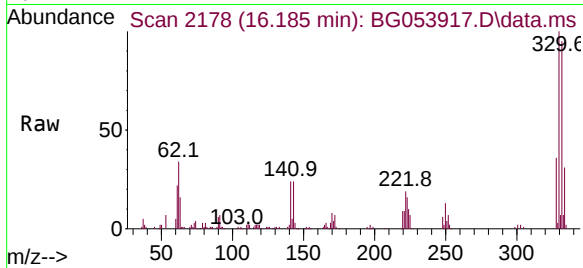




#67
4-Bromophenyl-phenylether
Concen: 3.987 ng
RT: 16.185 min Scan# 211
Delta R.T. -0.453 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

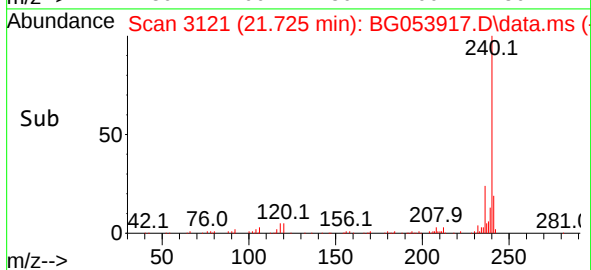
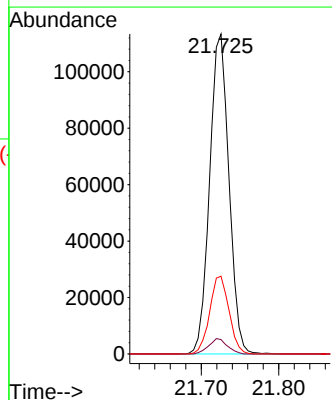
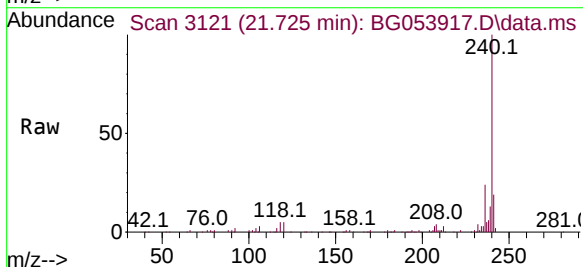
Instrument :
BNA_G
ClientSampleId :
PB145458TB

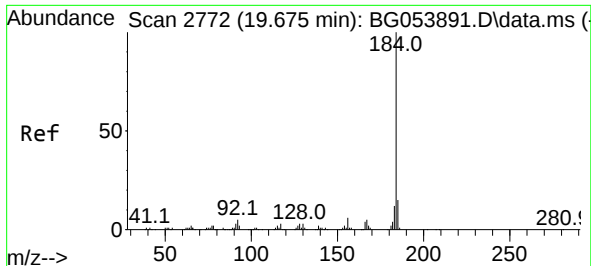
Tgt Ion:248 Resp: 7154
Ion Ratio Lower Upper
248 100
250 193.9 75.2 112.8#
141 283.5 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

Tgt Ion:240 Resp: 195806
Ion Ratio Lower Upper
240 100
120 4.5 4.6 7.0#
236 24.3 20.2 30.4

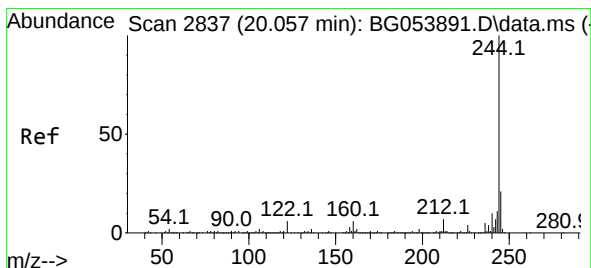
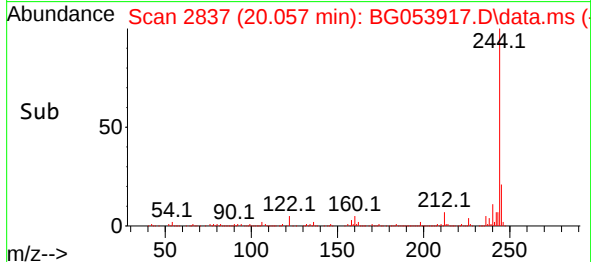
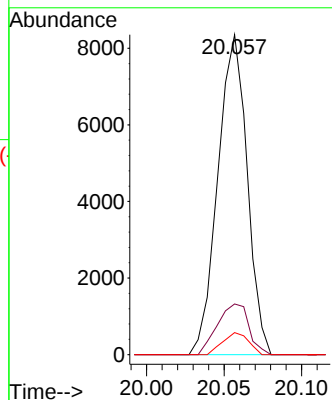
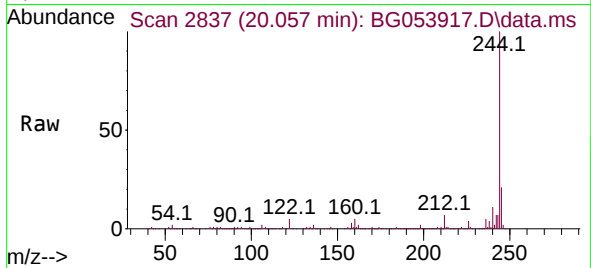




#77
Benzidine
Concen: 2.704 ng
RT: 20.057 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

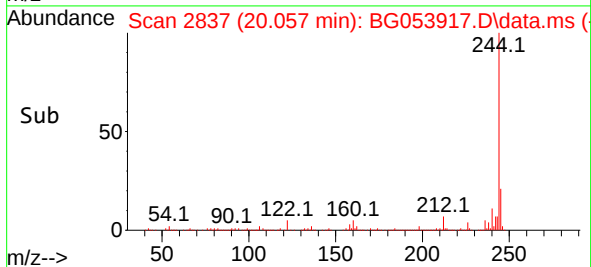
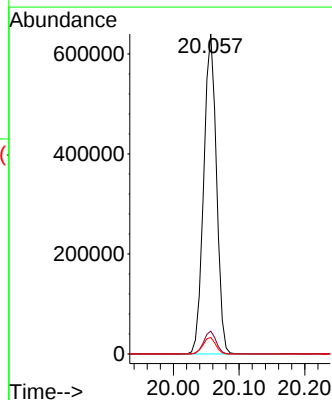
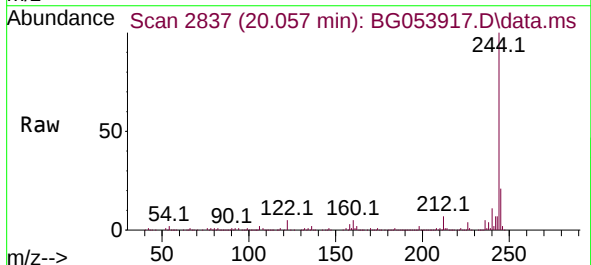
Instrument :
BNA_G
ClientSampleId :
PB145458TB

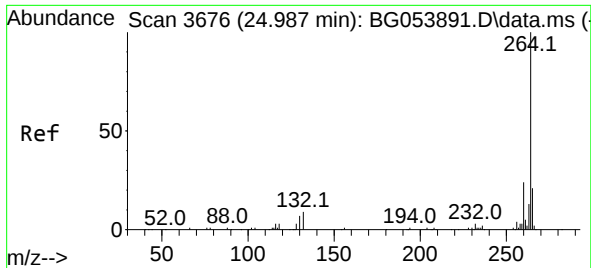
Tgt Ion:184 Resp: 10963
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.6
183 6.9 8.9 13.3#



#79
Terphenyl-d14
Concen: 89.152 ng
RT: 20.057 min Scan# 2837
Delta R.T. -0.000 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

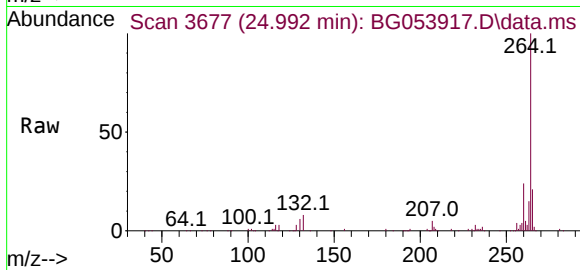
Tgt Ion:244 Resp: 866725
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 5.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.992 min Scan# 30
Delta R.T. 0.006 min
Lab File: BG053917.D
Acq: 15 Jun 2022 10:42

Instrument :
BNA_G
ClientSampleId :
PB145458TB



Tgt Ion:264 Resp: 200052
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.3 17.4 26.2

