

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054122.D
 Acq On : 28 Jun 2022 18:09
 Operator : CG/JU
 Sample : PB145840TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145840TB

Quant Time: Jun 29 01:59:13 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 27 00:27:54 2022
 Response via : Initial Calibration

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

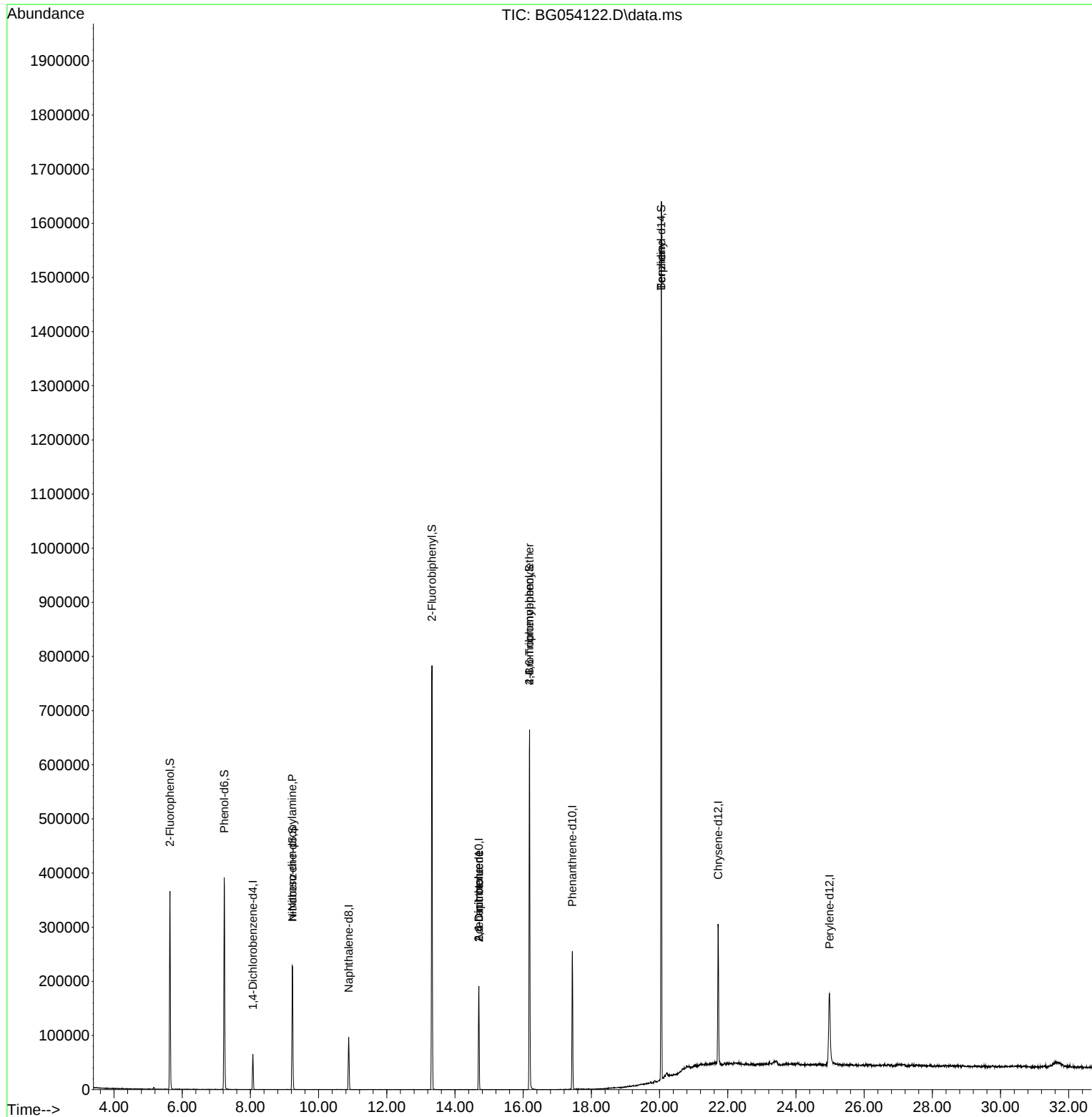
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	19705	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	90260	20.000	ng	0.00
39) Acenaphthene-d10	14.699	164	73797	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	186322	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	179605	20.000	ng	0.00
86) Perylene-d12	24.981	264	179992	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	167398	162.421	ng	0.00
7) Phenol-d6	7.231	99	236152	168.904	ng	0.00
23) Nitrobenzene-d5	9.234	82	150250	93.546	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	161848	136.502	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	460459	90.731	ng	0.00
79) Terphenyl-d14	20.051	244	908957	101.930	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.229	70	20436	21.756	ng	# 85
51) 2,6-Dinitrotoluene	14.699	165	9513	8.378	ng	# 16
57) 2,4-Dinitrotoluene	14.699	165	9513	5.932	ng	# 21
67) 4-Bromophenyl-phenylether	16.185	248	10333	4.440	ng	# 1
77) Benzidine	20.051	184	12577	3.381	ng	# 94

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

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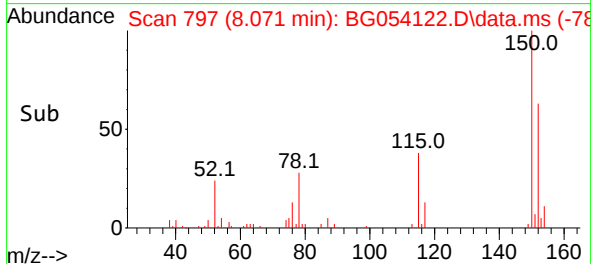
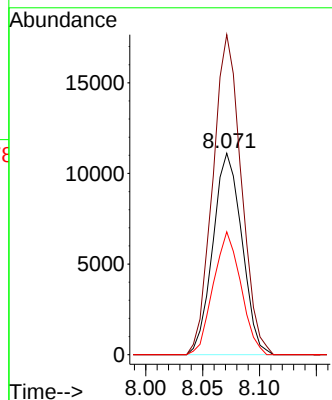
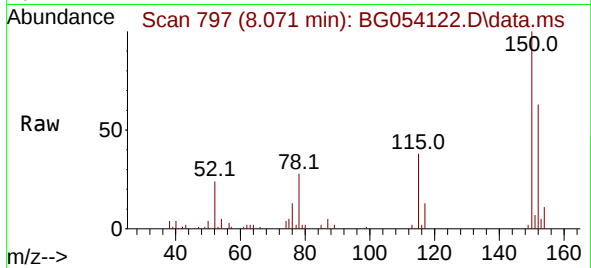




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

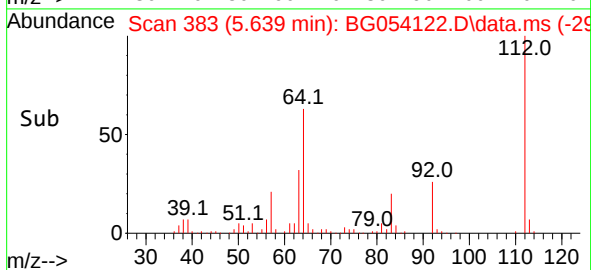
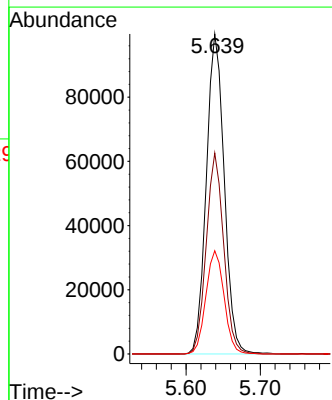
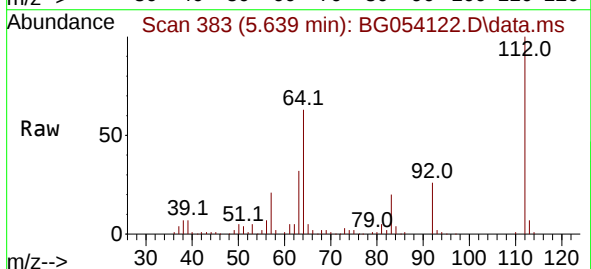
Instrument :
BNA_G
ClientSampleId :
PB145840TB

Tgt Ion:152 Resp: 19705
Ion Ratio Lower Upper
152 100
150 158.9 131.6 197.4
115 61.0 50.9 76.3



#5
2-Fluorophenol
Concen: 162.421 ng
RT: 5.639 min Scan# 383
Delta R.T. 0.001 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

Tgt Ion:112 Resp: 167398
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 32.2 30.4 45.6

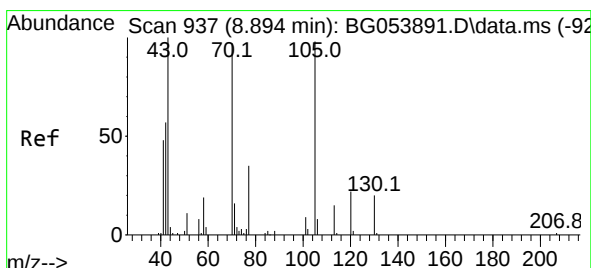
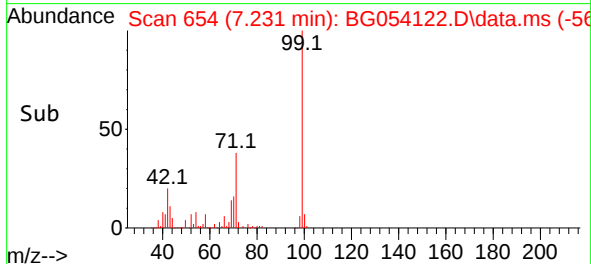
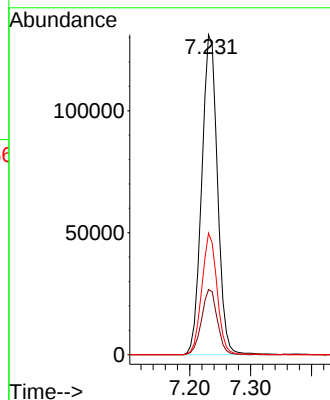
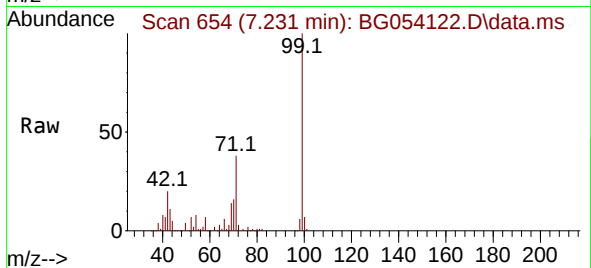




#7
Phenol-d6
Concen: 168.904 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

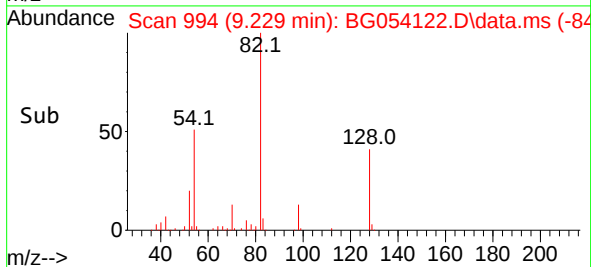
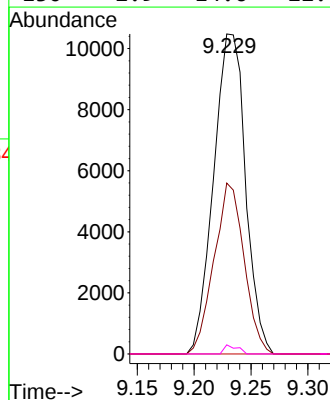
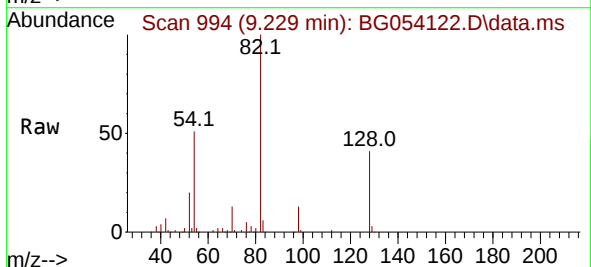
Instrument :
BNA_G
ClientSampleId :
PB145840TB

Tgt Ion: 99 Resp: 236152
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 38.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.756 ng
RT: 9.229 min Scan# 994
Delta R.T. 0.353 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

Tgt Ion: 70 Resp: 20436
Ion Ratio Lower Upper
70 100
42 53.4 47.3 70.9
101 0.0 7.0 10.4#
130 2.9 14.6 22.0#

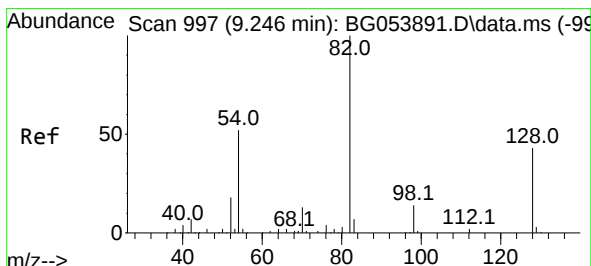
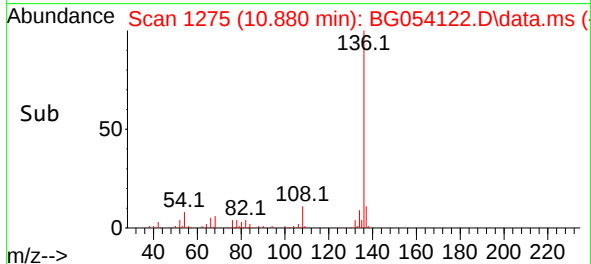
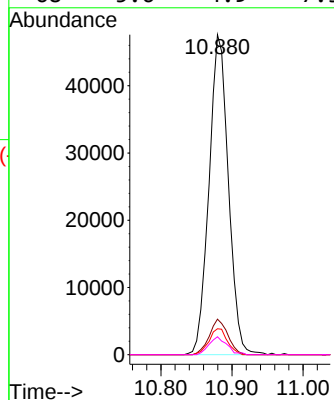
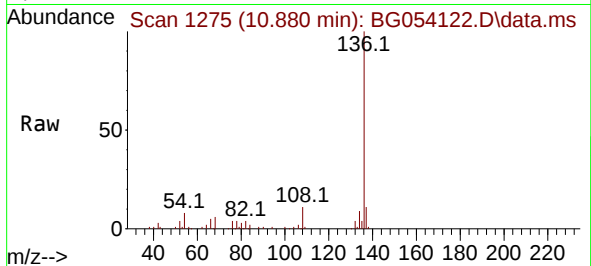




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

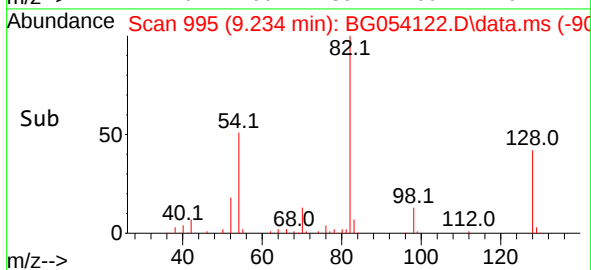
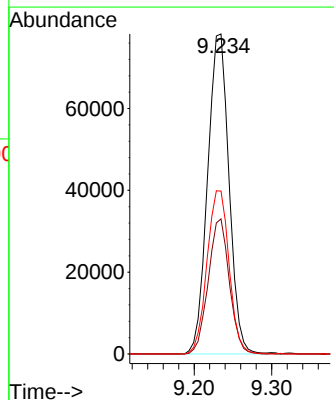
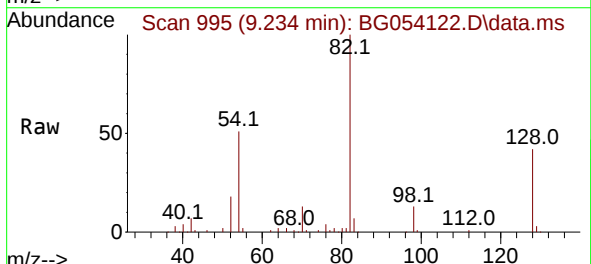
Instrument :
BNA_G
ClientSampleId :
PB145840TB

Tgt Ion:	136	Resp:	90260
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.1	7.4	11.2
68	5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 93.546 ng
RT: 9.234 min Scan# 995
Delta R.T. 0.001 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

Tgt Ion:	82	Resp:	150250
Ion	Ratio	Lower	Upper
82	100		
128	42.2	27.9	41.9#
54	50.9	41.2	61.8

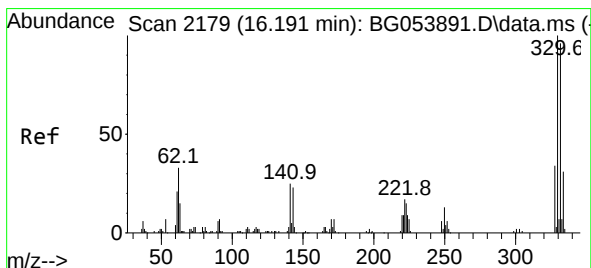
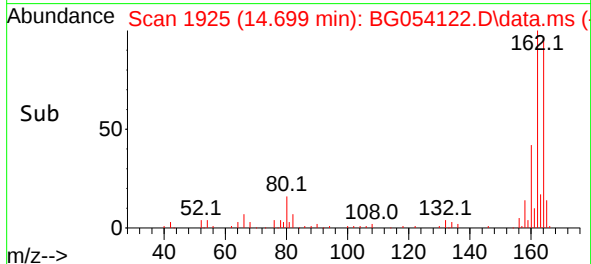
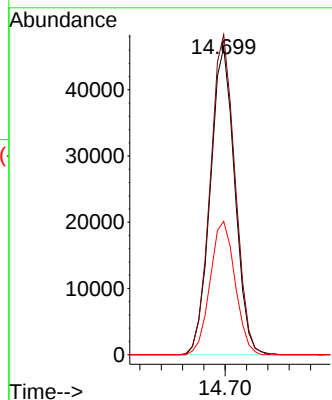
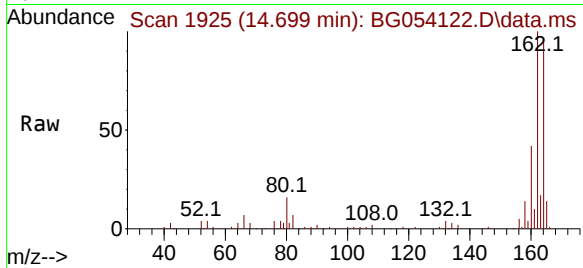




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.699 min Scan# 1925
Delta R.T. 0.001 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

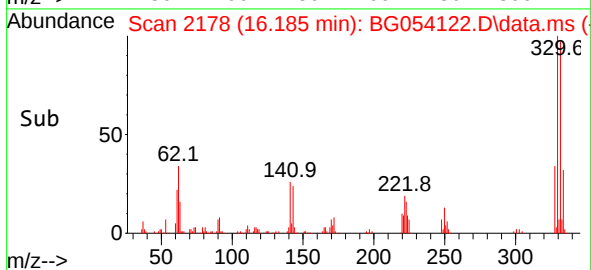
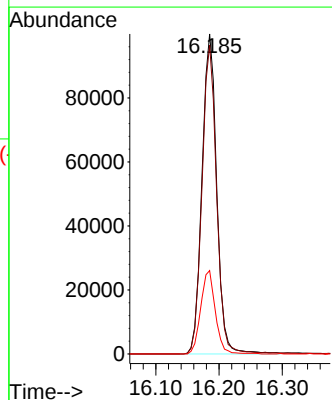
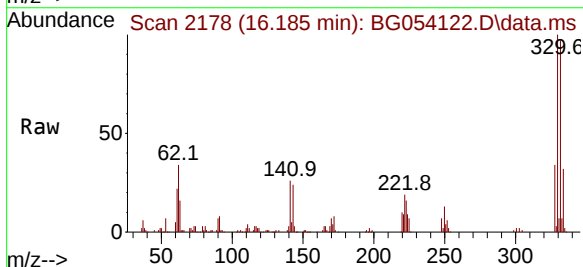
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BNA_G
ClientSampleId :
PB145840TB

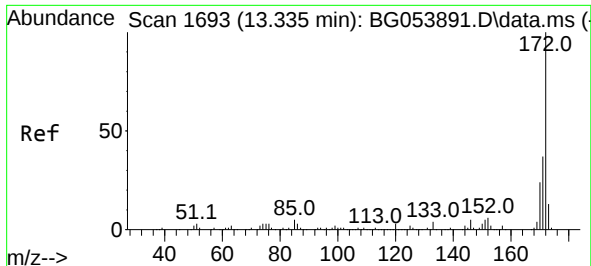
Tgt Ion:164 Resp: 73797
Ion Ratio Lower Upper
164 100
162 104.2 82.3 123.5
160 43.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 136.502 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.001 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

Tgt Ion:330 Resp: 161848
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 25.7 27.1 40.7#

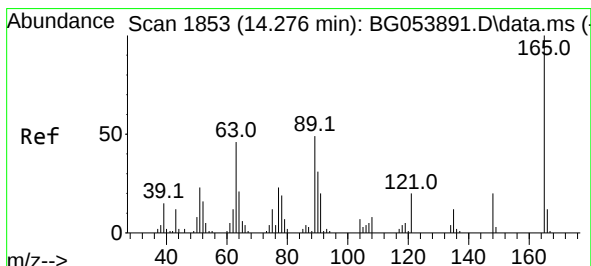
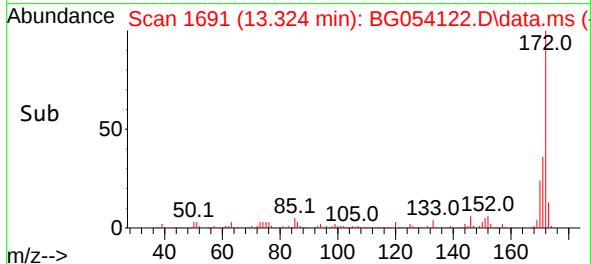
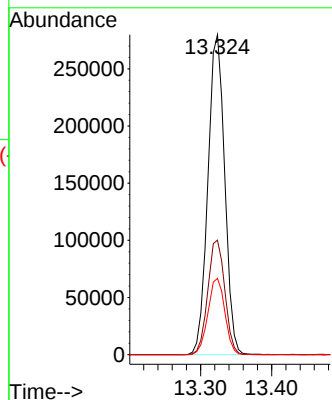
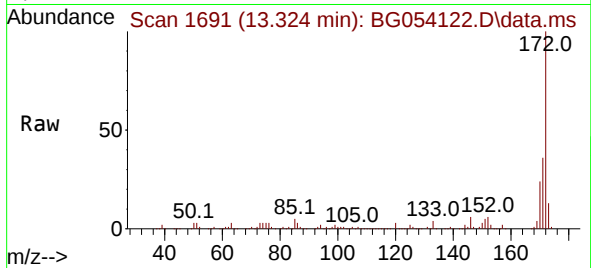




#45
2-Fluorobiphenyl
Concen: 90.731 ng
RT: 13.324 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

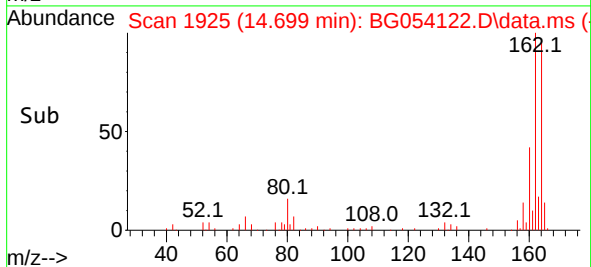
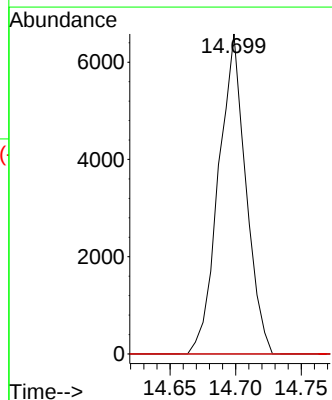
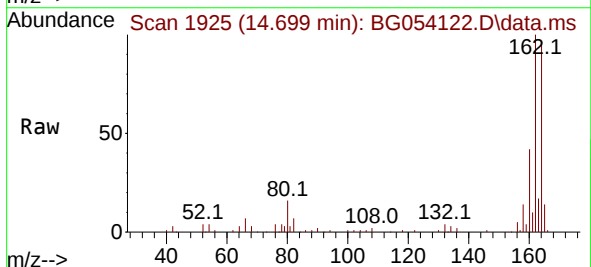
Instrument :
BNA_G
ClientSampleId :
PB145840TB

Tgt Ion:172 Resp: 460459
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.378 ng
RT: 14.699 min Scan# 1925
Delta R.T. 0.436 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

Tgt Ion:165 Resp: 9513
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

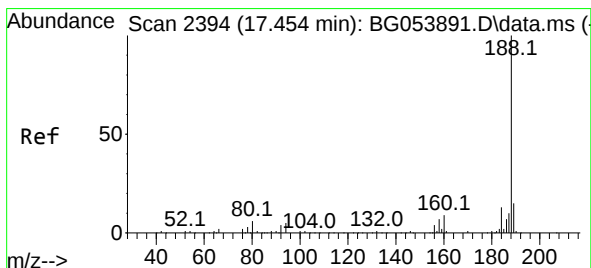
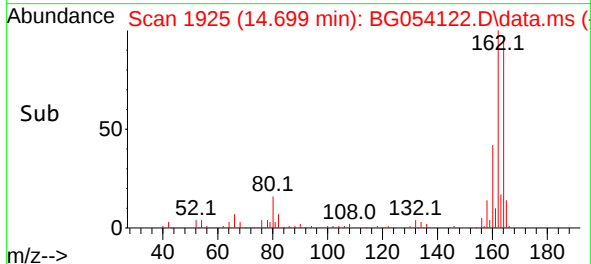
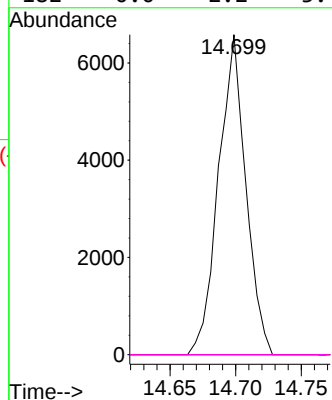
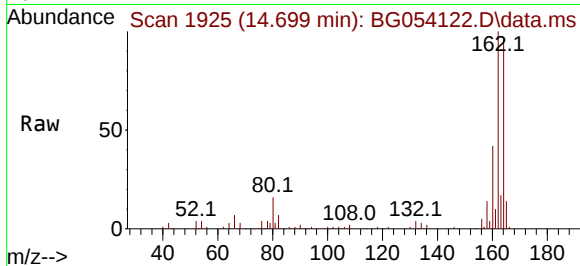




#57
2,4-Dinitrotoluene
Concen: 5.932 ng
RT: 14.699 min Scan# 1987
Delta R.T. -0.352 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

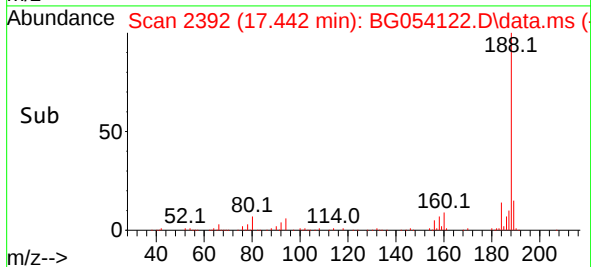
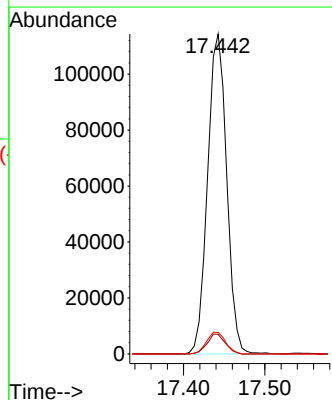
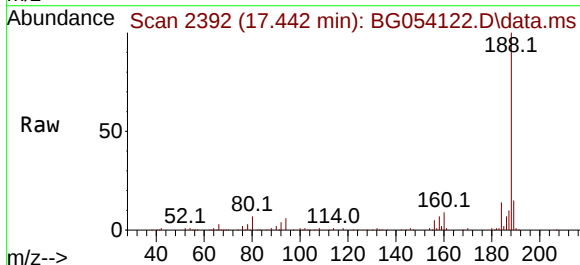
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BNA_G
ClientSampleId :
PB145840TB

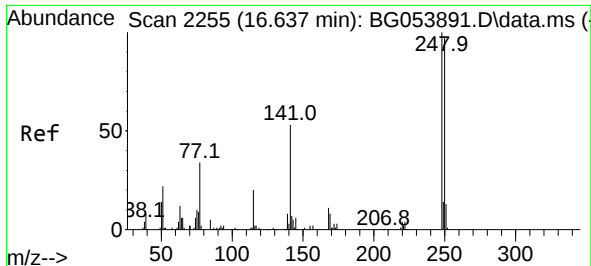
Tgt Ion:165 Resp: 9513
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2392
Delta R.T. 0.001 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

Tgt Ion:188 Resp: 186322
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 6.7 6.8 10.2#

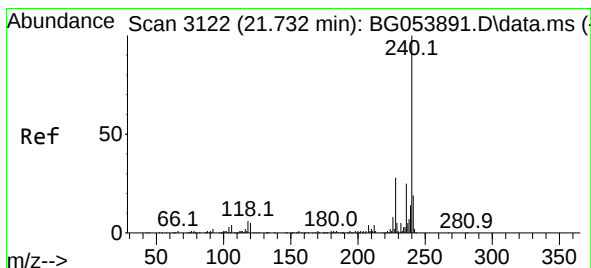
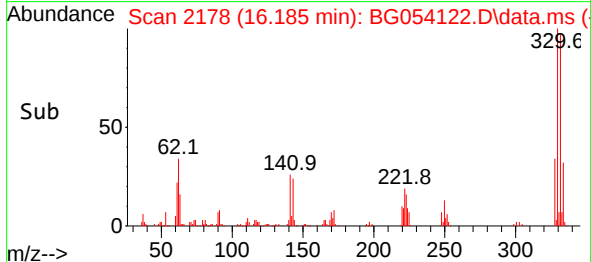
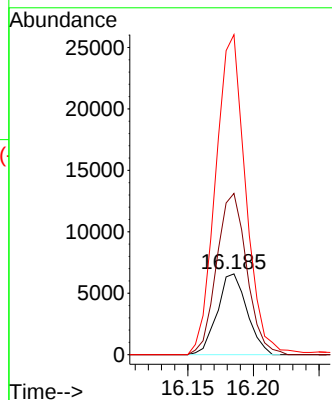
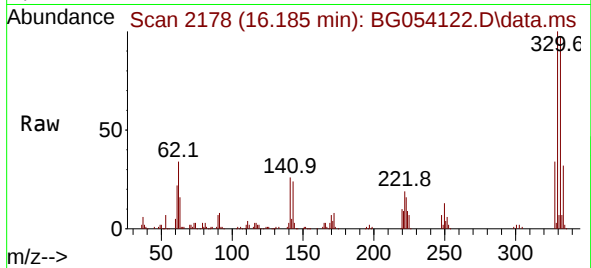




#67
4-Bromophenyl-phenylether
Concen: 4.440 ng
RT: 16.185 min Scan# 2119
Delta R.T. -0.440 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

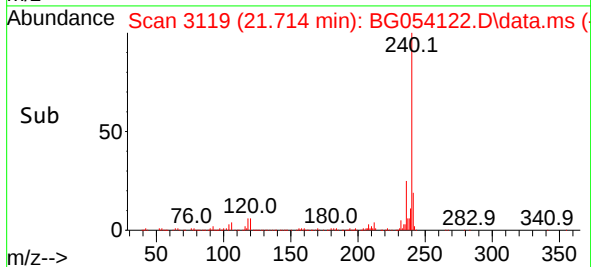
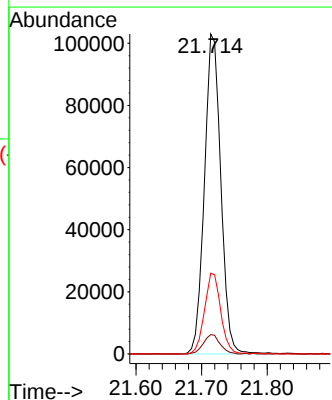
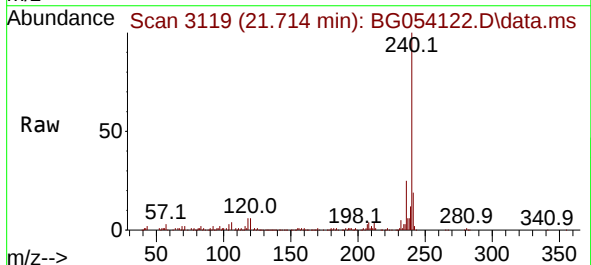
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PB145840TB

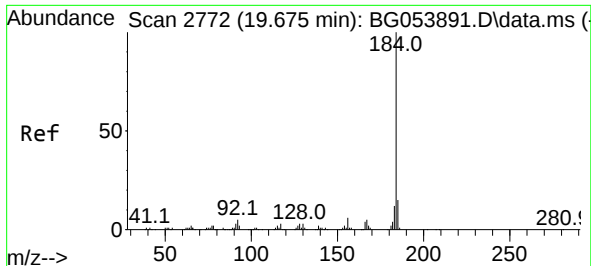
Tgt Ion:248 Resp: 10333
Ion Ratio Lower Upper
248 100
250 253.7 75.2 112.8#
141 396.0 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

Tgt Ion:240 Resp: 179605
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 25.3 20.2 30.4

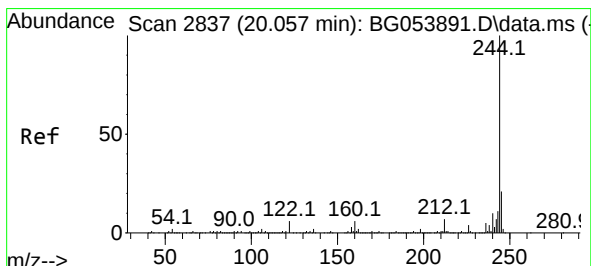
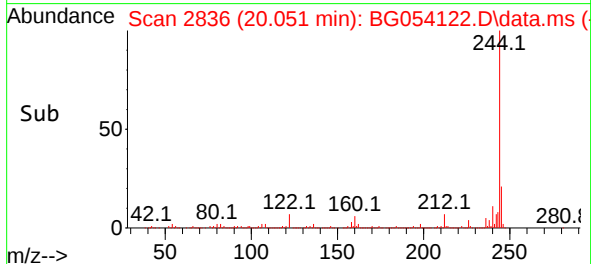
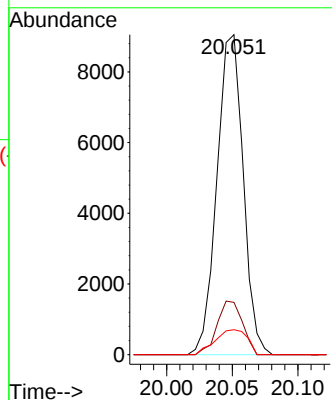
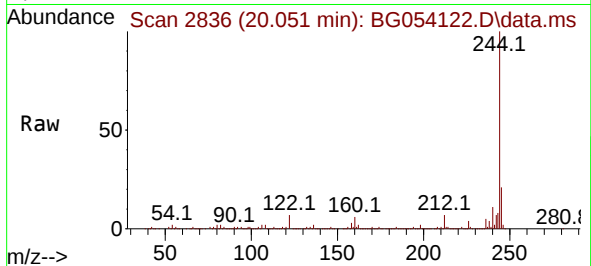




#77
Benzidine
Concen: 3.381 ng
RT: 20.051 min Scan# 2836
Delta R.T. 0.389 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

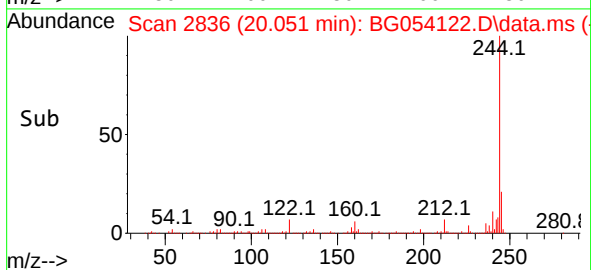
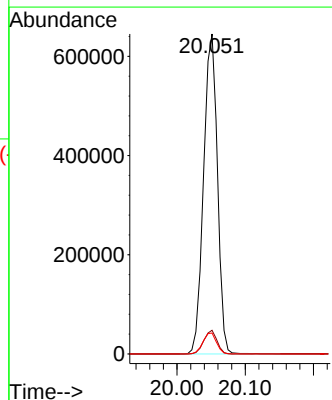
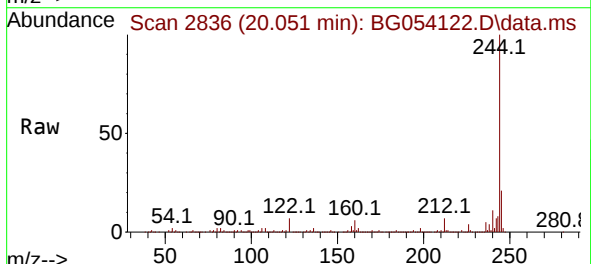
Instrument :
BNA_G
ClientSampleId :
PB145840TB

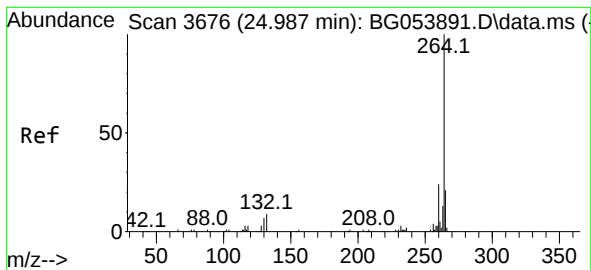
Tgt Ion:184 Resp: 12577
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.6
183 7.8 8.9 13.3#



#79
Terphenyl-d14
Concen: 101.930 ng
RT: 20.051 min Scan# 2836
Delta R.T. 0.007 min
Lab File: BG054122.D
Acq: 28 Jun 2022 18:09

Tgt Ion:244 Resp: 908957
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 6.6 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.981 min Scan# 30
 Delta R.T. 0.018 min
 Lab File: BG054122.D
 Acq: 28 Jun 2022 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB145840TB

Tgt Ion:264 Resp: 179992
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.0 28.6
 265 21.6 17.4 26.2

