

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
 Data File : BG052600.D
 Acq On : 7 Mar 2022 21:27
 Operator : CG/JU
 Sample : N1727-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220216-098-21-01-ELUTRIATE

Quant Time: Mar 08 01:30:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 08 01:09:10 2022
 Response via : Initial Calibration

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

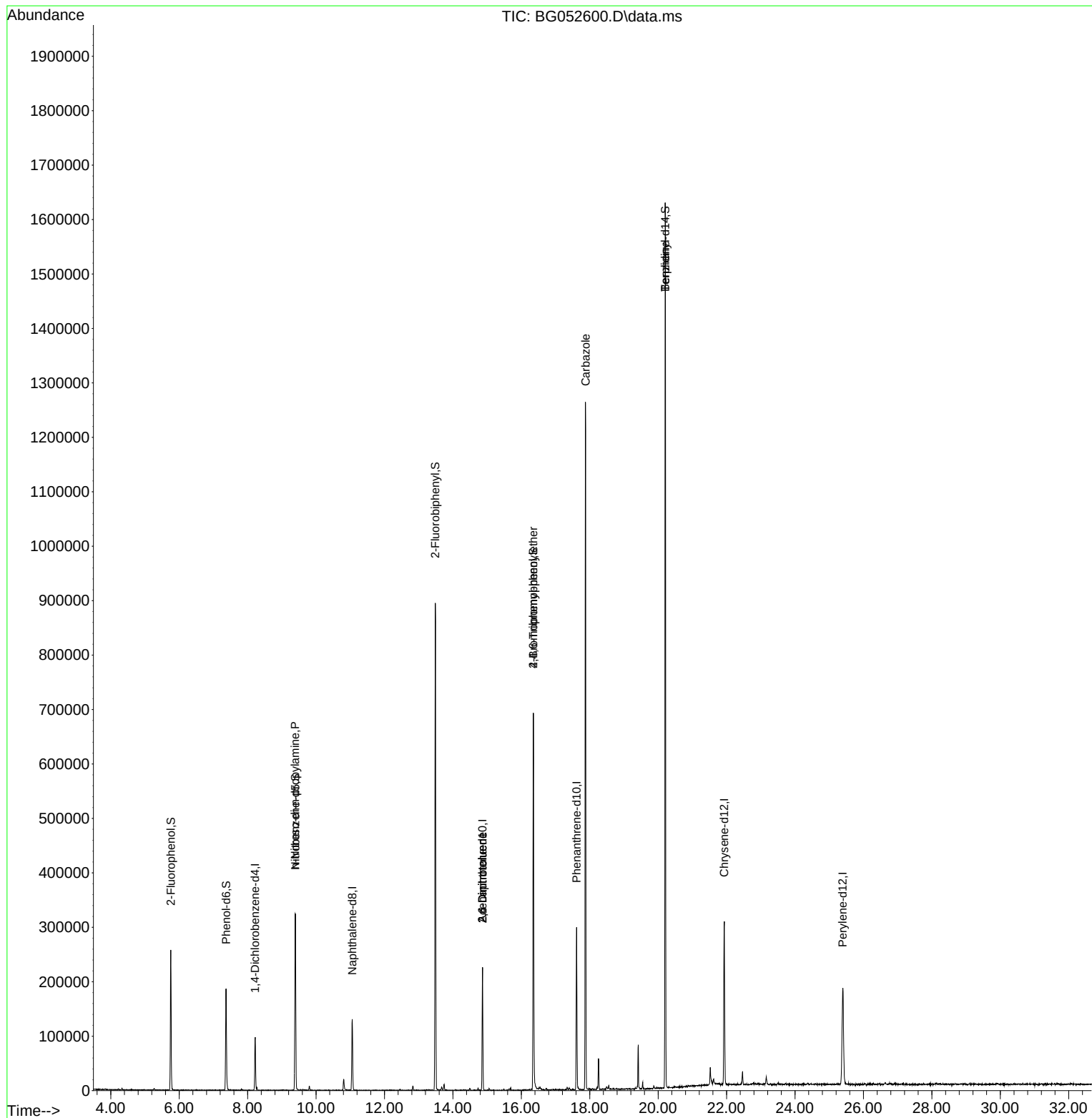
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.221	152	28219	20.000	ng	0.00
21) Naphthalene-d8	11.059	136	113499	20.000	ng	0.00
39) Acenaphthene-d10	14.865	164	79916	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	192726	20.000	ng	# 0.00
76) Chrysene-d12	21.932	240	212582	20.000	ng	0.00
86) Perylene-d12	25.392	264	217602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.754	112	110830	66.913	ng	0.00
7) Phenol-d6	7.370	99	108735	46.720	ng	0.00
23) Nitrobenzene-d5	9.396	82	215213	86.444	ng	0.00
42) 2,4,6-Tribromophenol	16.351	330	146886	127.890	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	491117	84.740	ng	0.00
79) Terphenyl-d14	20.205	244	859949	72.441	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.390	70	28864	18.215	ng	# 76
51) 2,6-Dinitrotoluene	14.865	165	10872	8.138	ng	# 18
57) 2,4-Dinitrotoluene	14.865	165	10872	5.754	ng	# 16
67) 4-Bromophenyl-phenylether	16.351	248	9530	4.092	ng	# 1
73) Carbazole	17.879	167	24356	2.506	ng	# 59
77) Benzdine	20.205	184	11966	2.632	ng	# 88

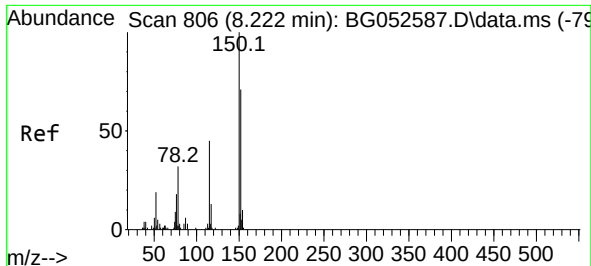
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
Data File : BG052600.D
Acq On : 7 Mar 2022 21:27
Operator : CG/JU
Sample : N1727-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

Quant Time: Mar 08 01:30:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 08 01:09:10 2022
Response via : Initial Calibration

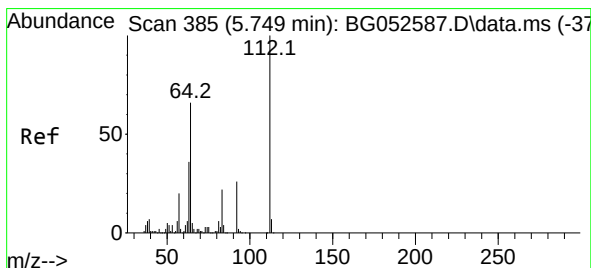
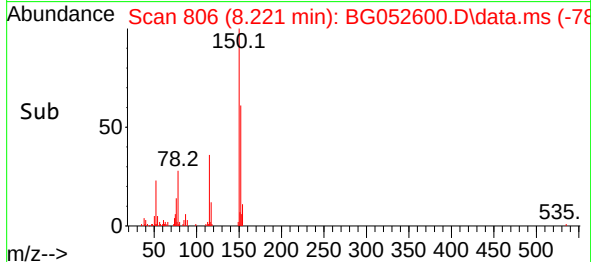
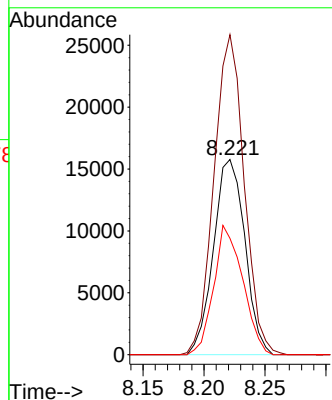
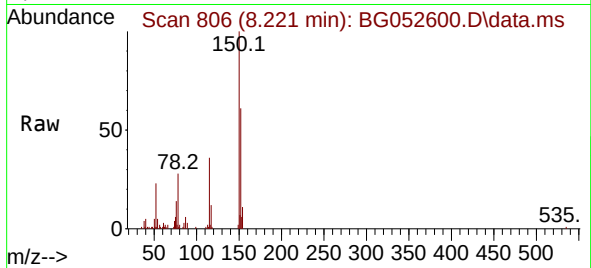




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.221 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

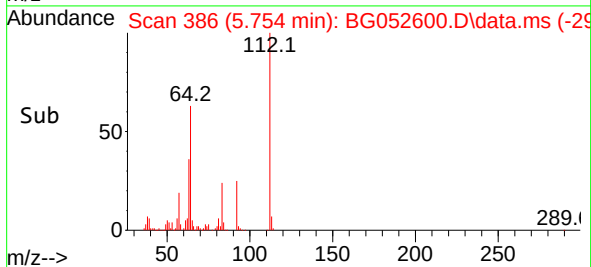
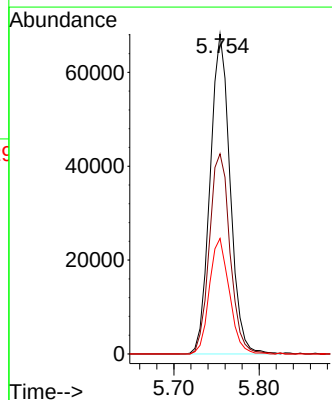
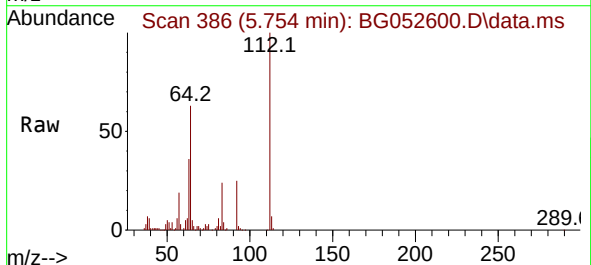
Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

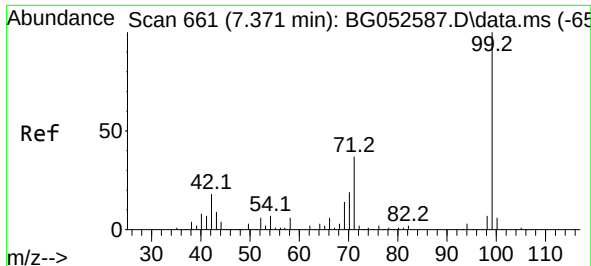
Tgt Ion:152 Resp: 28219
Ion Ratio Lower Upper
152 100
150 163.9 117.8 176.8
115 59.6 50.2 75.2



#5
2-Fluorophenol
Concen: 66.913 ng
RT: 5.754 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

Tgt Ion:112 Resp: 110830
Ion Ratio Lower Upper
112 100
64 62.5 60.4 90.6
63 36.1 33.3 49.9

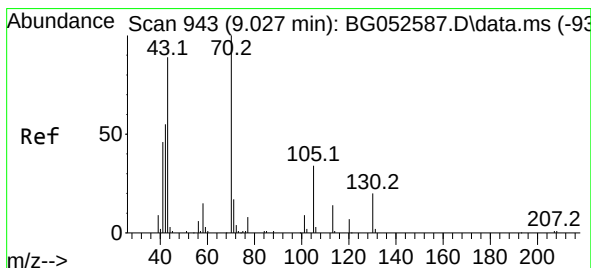
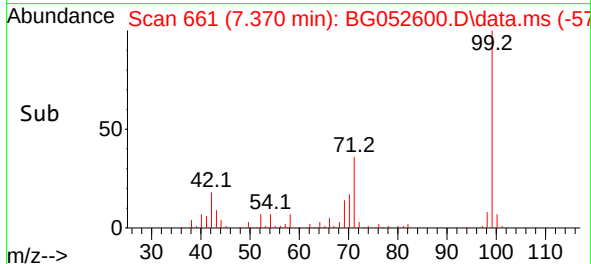
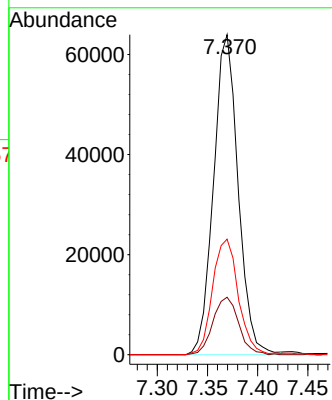
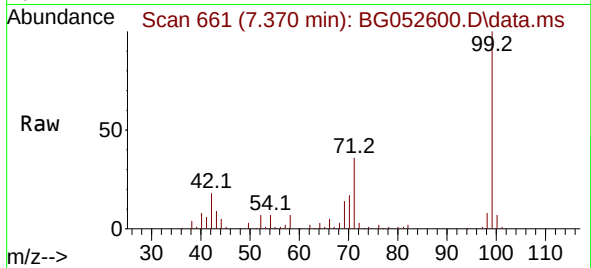




#7
Phenol-d6
Concen: 46.720 ng
RT: 7.370 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

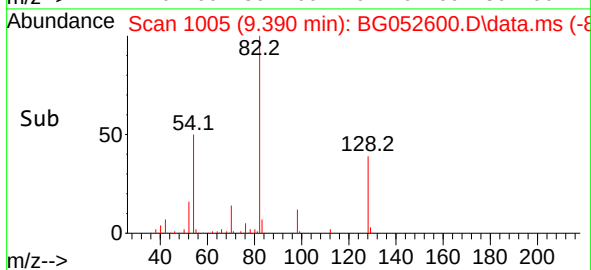
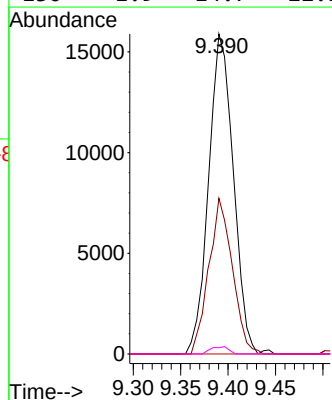
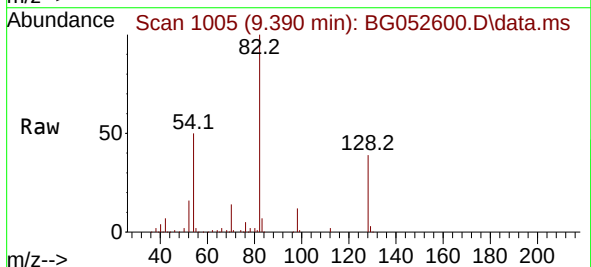
Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

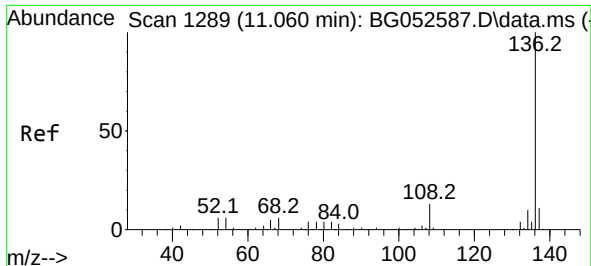
Tgt Ion: 99 Resp: 108735
Ion Ratio Lower Upper
99 100
42 18.0 19.1 28.7#
71 36.1 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.215 ng
RT: 9.390 min Scan# 1005
Delta R.T. 0.363 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

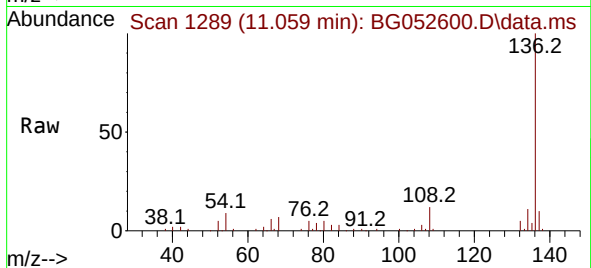
Tgt Ion: 70 Resp: 28864
Ion Ratio Lower Upper
70 100
42 48.6 51.8 77.6#
101 0.0 6.6 10.0#
130 1.9 14.7 22.1#



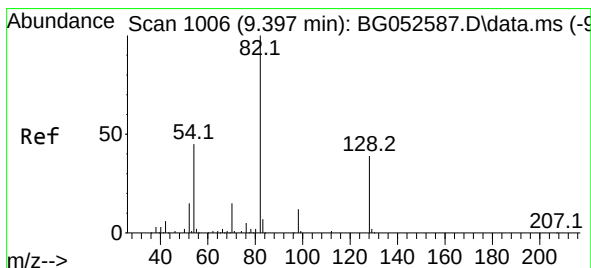
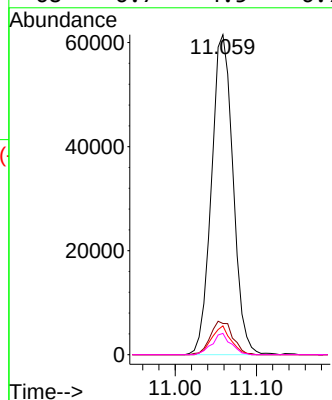
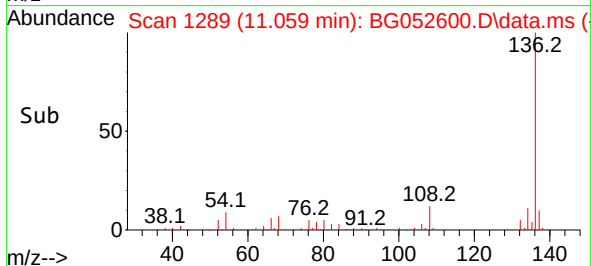


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.059 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

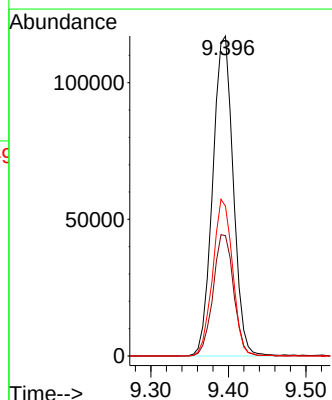
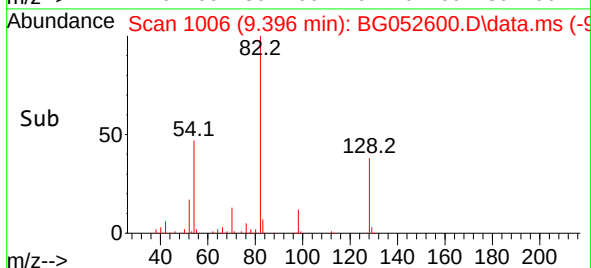
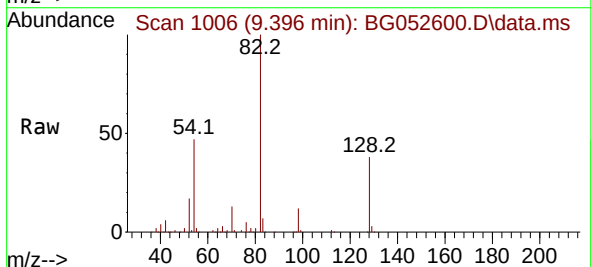


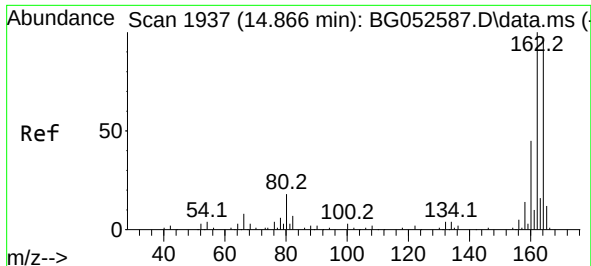
Tgt Ion:136 Resp: 113499
Ion Ratio Lower Upper
136 100
137 9.8 9.1 13.7
54 9.0 8.3 12.5
68 6.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 86.444 ng
RT: 9.396 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

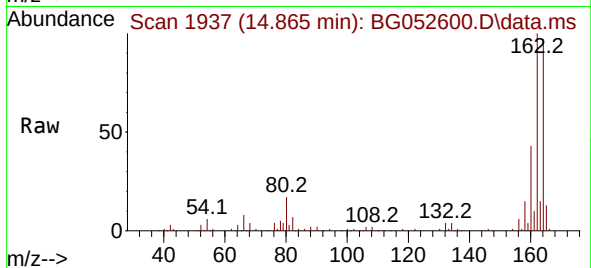
Tgt Ion: 82 Resp: 215213
Ion Ratio Lower Upper
82 100
128 37.6 27.0 40.4
54 46.8 41.0 61.6



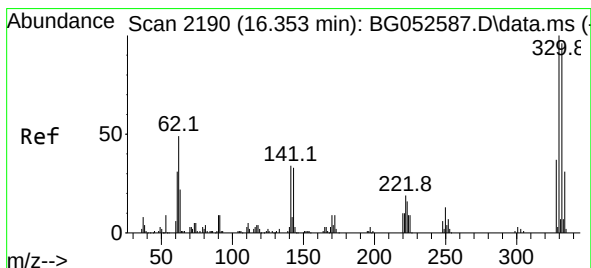
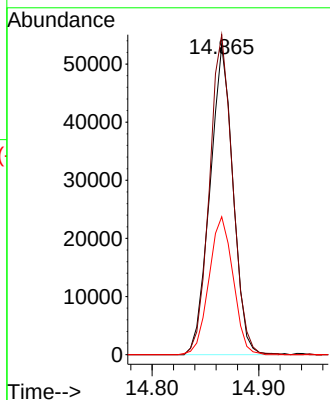
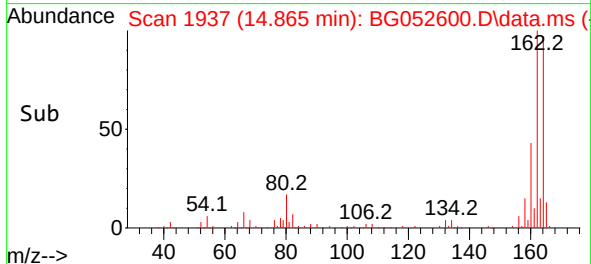


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.865 min Scan# 1937
Delta R.T. -0.001 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

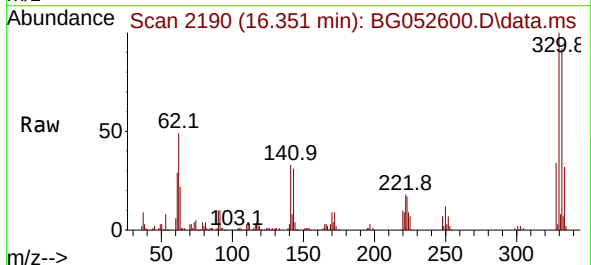
Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE



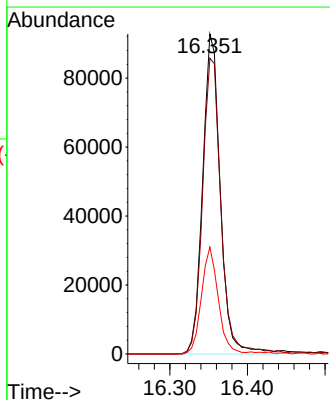
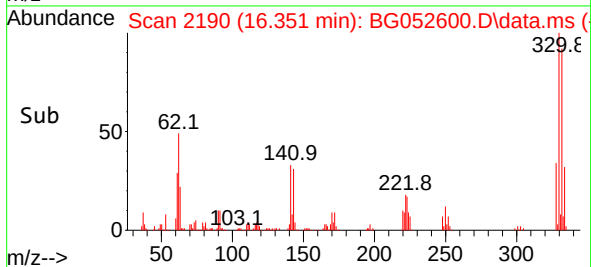
Tgt Ion:164 Resp: 79916
Ion Ratio Lower Upper
164 100
162 103.5 82.2 123.2
160 44.6 36.2 54.2

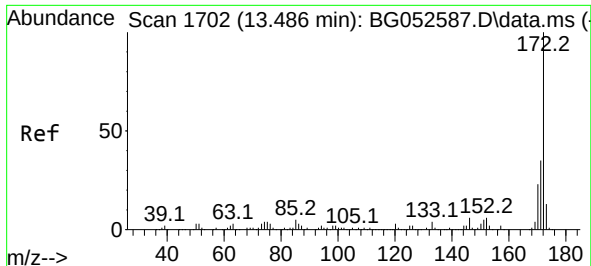


#42
2,4,6-Tribromophenol
Concen: 127.890 ng
RT: 16.351 min Scan# 2190
Delta R.T. -0.001 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27



Tgt Ion:330 Resp: 146886
Ion Ratio Lower Upper
330 100
332 96.0 78.6 117.8
141 31.6 28.8 43.2

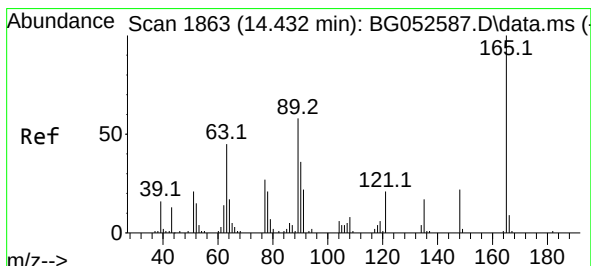
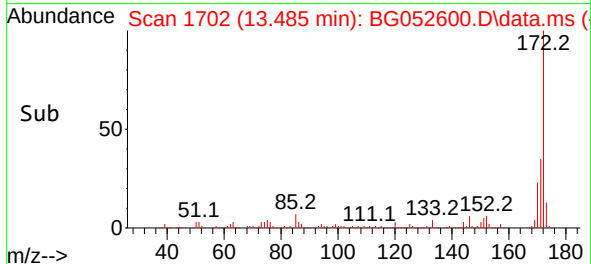
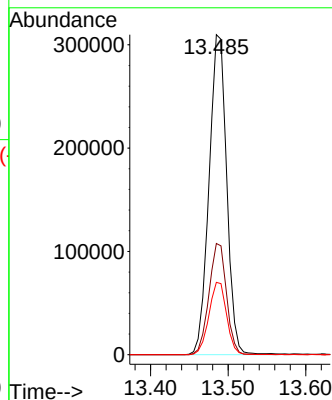
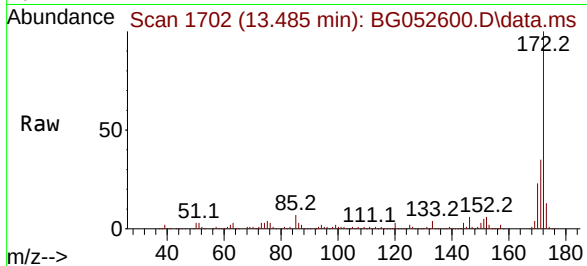




#45
2-Fluorobiphenyl
Concen: 84.740 ng
RT: 13.485 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

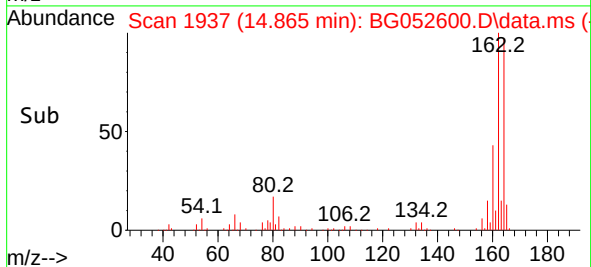
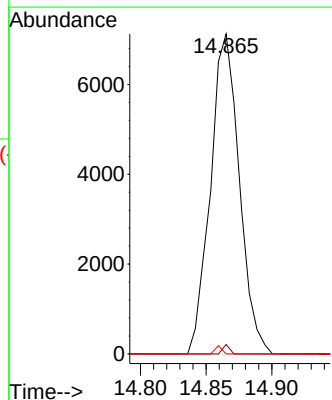
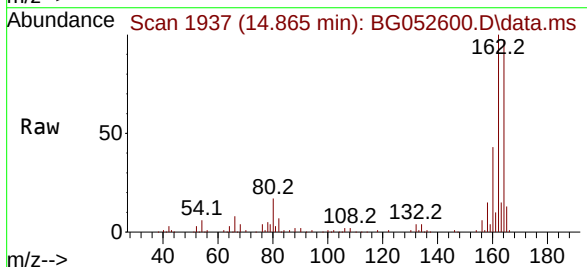
Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

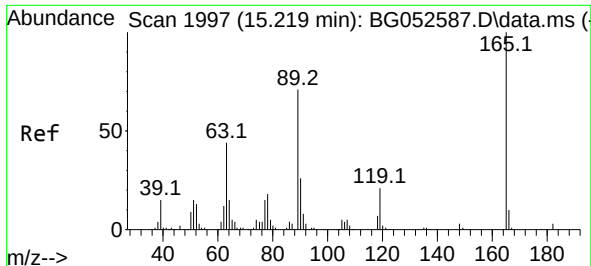
Tgt Ion:172 Resp: 491117
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.6 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.138 ng
RT: 14.865 min Scan# 1937
Delta R.T. 0.434 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

Tgt Ion:165 Resp: 10872
Ion Ratio Lower Upper
165 100
63 3.0 59.0 88.4#
89 0.0 49.4 74.0#

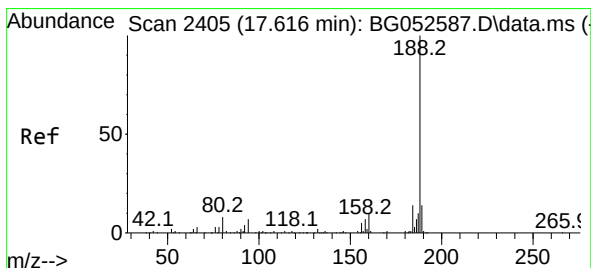
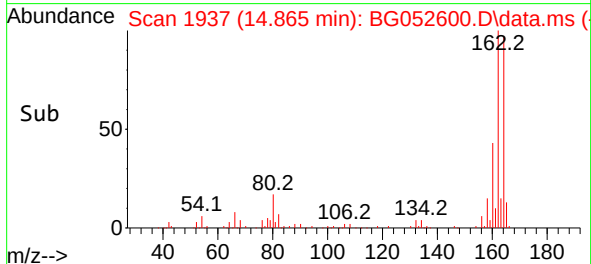
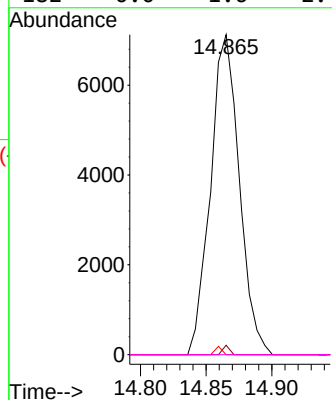
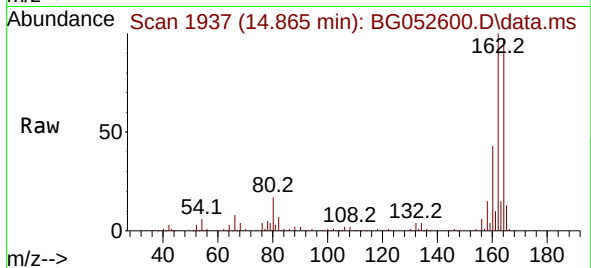




#57
2,4-Dinitrotoluene
Concen: 5.754 ng
RT: 14.865 min Scan# 1937
Delta R.T. -0.354 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

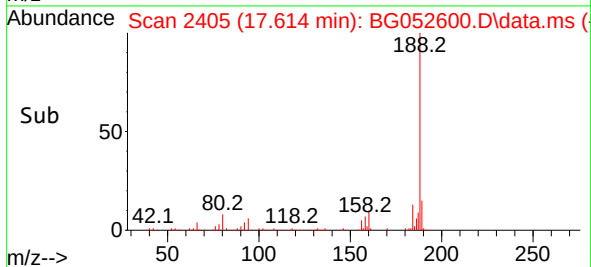
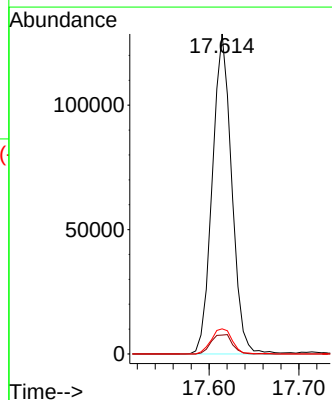
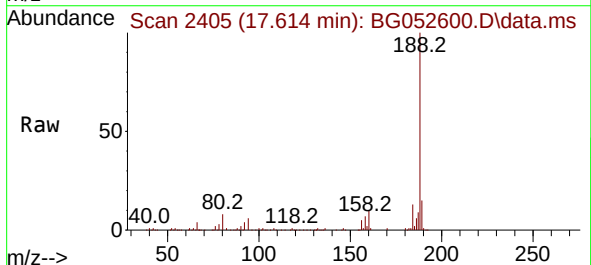
Instrument : BNA_G
ClientSampleId : 20220216-098-21-01-ELUTRIATE

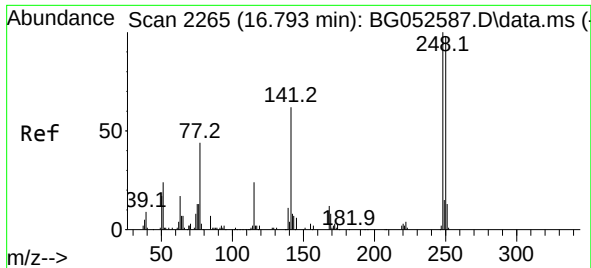
Tgt Ion:165 Resp: 10872
Ion Ratio Lower Upper
165 100
63 3.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.614 min Scan# 2405
Delta R.T. -0.002 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

Tgt Ion:188 Resp: 192726
Ion Ratio Lower Upper
188 100
94 5.9 5.9 8.9#
80 7.9 6.6 10.0

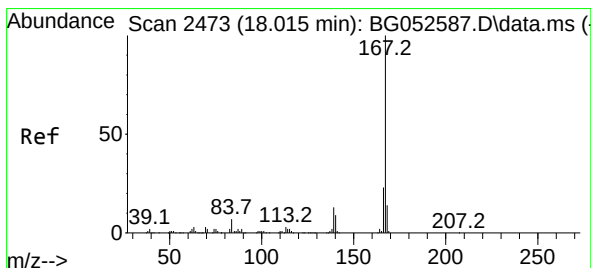
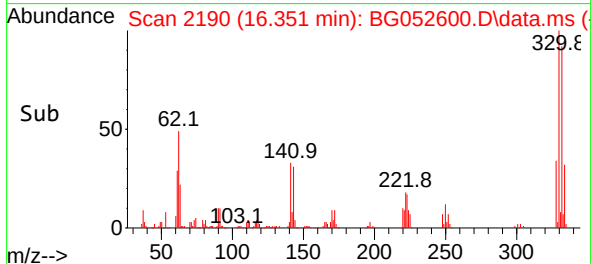
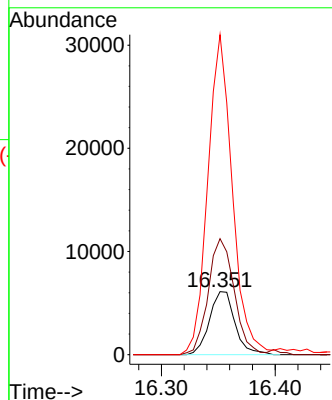
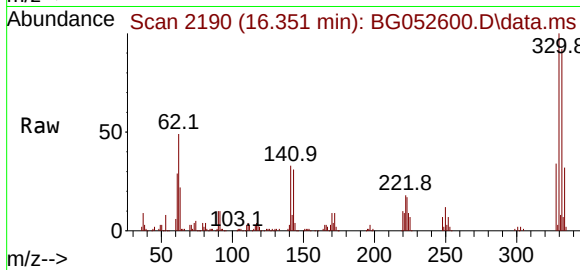




#67
4-Bromophenyl-phenylether
Concen: 4.092 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

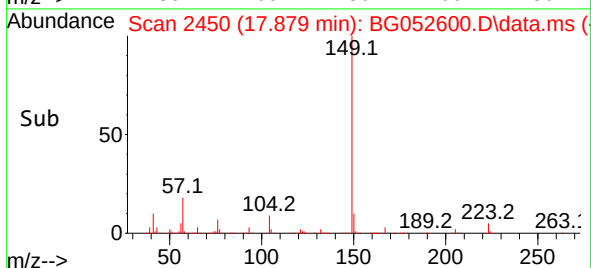
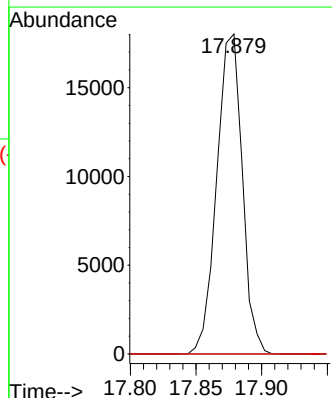
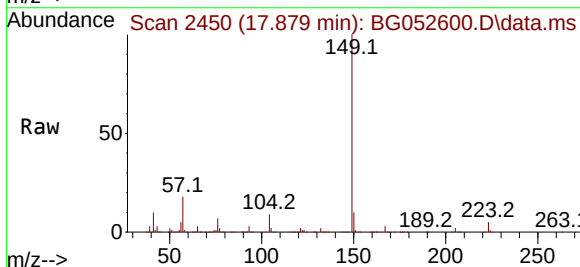
Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

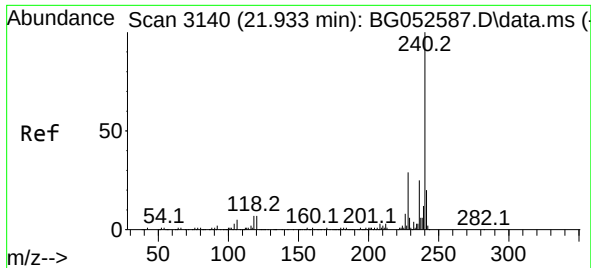
Tgt Ion:248 Resp: 9530
Ion Ratio Lower Upper
248 100
250 183.9 79.6 119.4#
141 507.2 54.6 81.8#



#73
Carbazole
Concen: 2.506 ng
RT: 17.879 min Scan# 2450
Delta R.T. -0.136 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

Tgt Ion:167 Resp: 24356
Ion Ratio Lower Upper
167 100
166 0.0 17.8 26.6#
139 0.0 10.6 16.0#

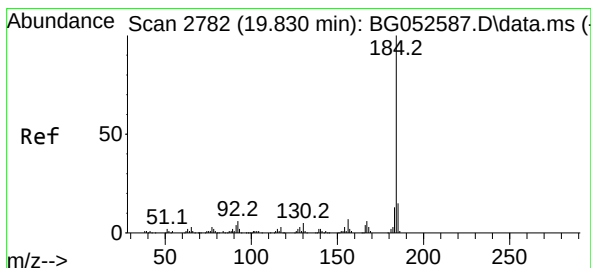
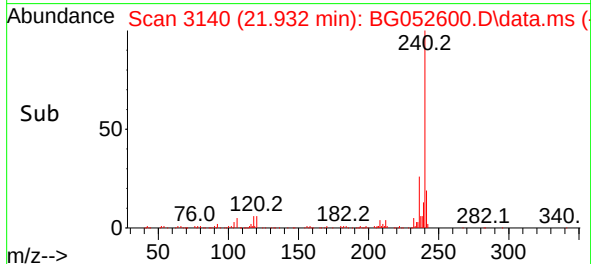
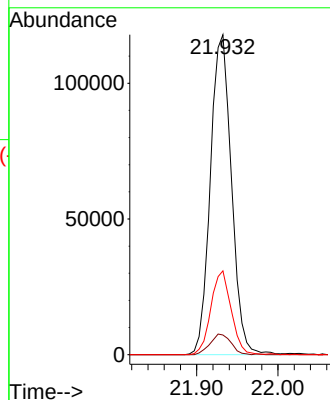
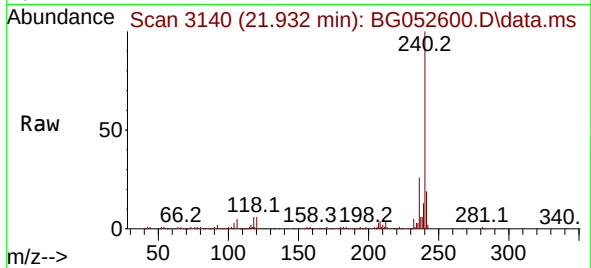




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.932 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

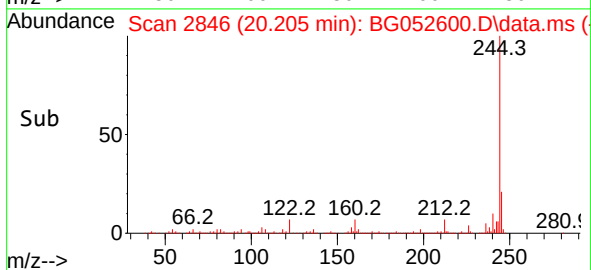
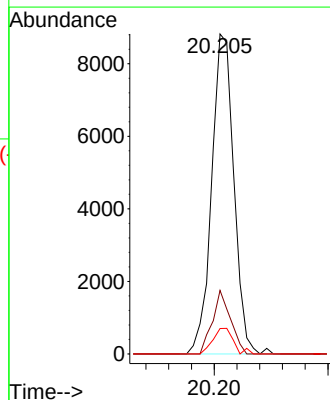
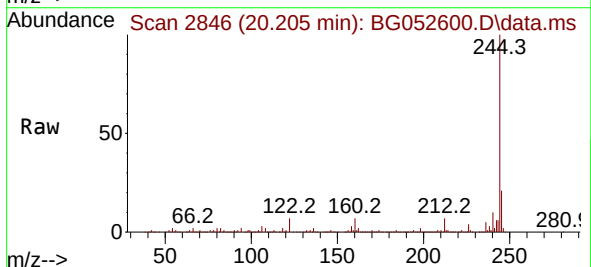
Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

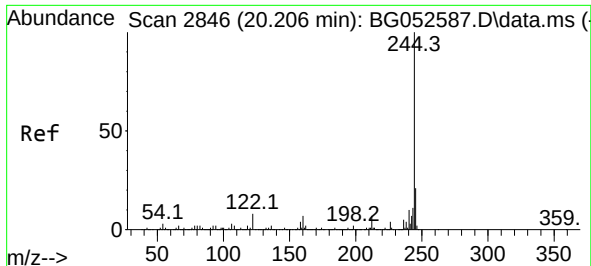
Tgt Ion:240 Resp: 212582
Ion Ratio Lower Upper
240 100
120 6.2 4.4 6.6
236 26.2 20.8 31.2



#77
Benzidine
Concen: 2.632 ng
RT: 20.205 min Scan# 2846
Delta R.T. 0.375 min
Lab File: BG052600.D
Acq: 7 Mar 2022 21:27

Tgt Ion:184 Resp: 11966
Ion Ratio Lower Upper
184 100
185 19.8 11.8 17.8#
183 8.0 9.8 14.6#

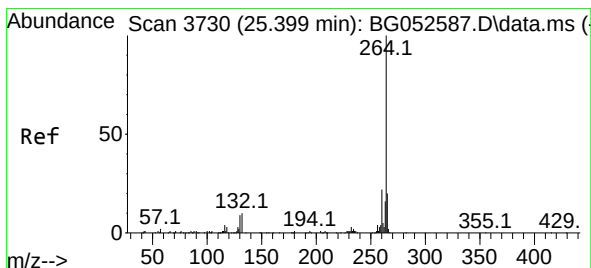
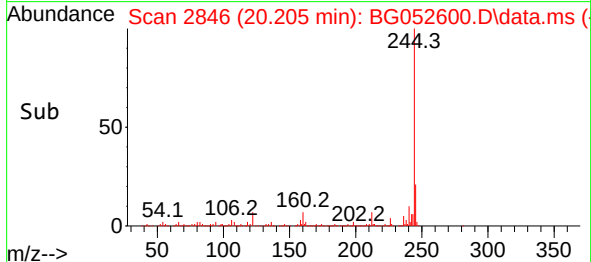
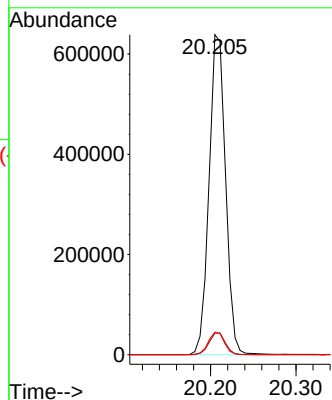
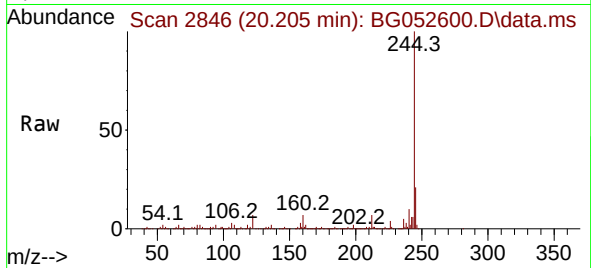




#79
 Terphenyl-d14
 Concen: 72.441 ng
 RT: 20.205 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG052600.D
 Acq: 7 Mar 2022 21:27

Instrument :
 BNA_G
 ClientSampleId :
 20220216-098-21-01-ELUTRIATE

Tgt Ion:244 Resp: 859949
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 7.0 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.392 min Scan# 3729
 Delta R.T. -0.007 min
 Lab File: BG052600.D
 Acq: 7 Mar 2022 21:27

Tgt Ion:264 Resp: 217602
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.5 27.7
 265 20.7 17.8 26.6

