

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
 Data File : BG052610.D
 Acq On : 8 Mar 2022 18:39
 Operator : CG/JU
 Sample : N1727-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Mar 09 04:18:56 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)

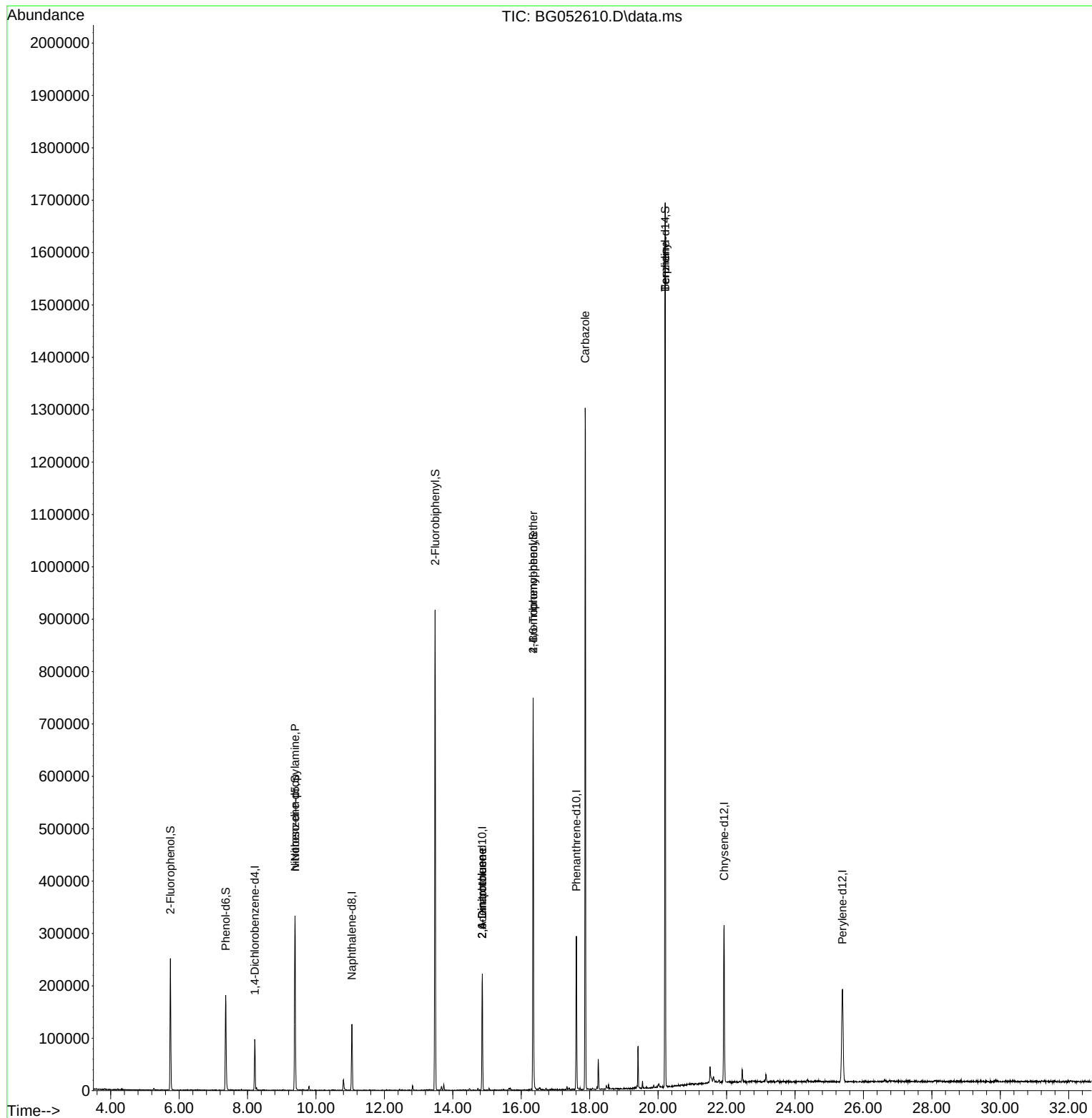
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	28034	20.000	ng	-0.01
21) Naphthalene-d8	11.049	136	111252	20.000	ng	#-0.01
39) Acenaphthene-d10	14.861	164	79688	20.000	ng	0.00
64) Phenanthrene-d10	17.610	188	194855	20.000	ng	0.00
76) Chrysene-d12	21.928	240	208648	20.000	ng	# 0.00
86) Perylene-d12	25.388	264	211819	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	111574	67.806	ng	0.00
7) Phenol-d6	7.360	99	108424	46.894	ng	-0.01
23) Nitrobenzene-d5	9.386	82	213523	87.498	ng	-0.01
42) 2,4,6-Tribromophenol	16.347	330	150362	131.291	ng	0.00
45) 2-Fluorobiphenyl	13.481	172	496937	85.989	ng	0.00
79) Terphenyl-d14	20.207	244	849842	72.940	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.386	70	29607	18.807	ng	# 76
51) 2,6-Dinitrotoluene	14.855	165	11079	8.317	ng	# 17
57) 2,4-Dinitrotoluene	14.855	165	11079	5.880	ng	# 16
67) 4-Bromophenyl-phenylether	16.347	248	9551	4.056	ng	# 1
73) Carbazole	17.869	167	24660	2.510	ng	# 59
77) Benzydine	20.207	184	12312	2.760	ng	# 90

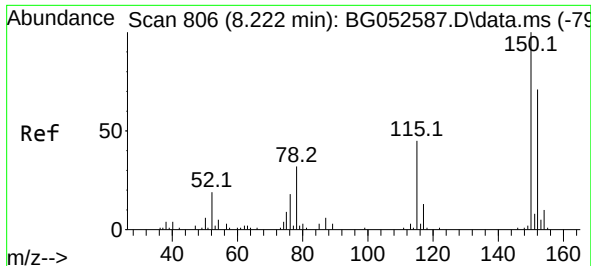
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 09 04:18:56 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

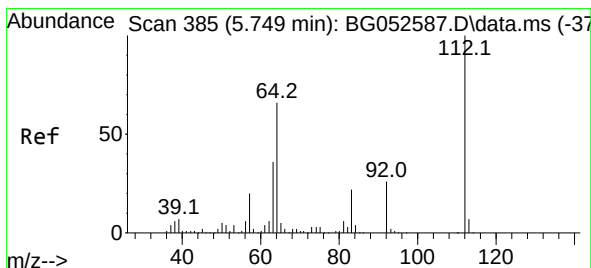
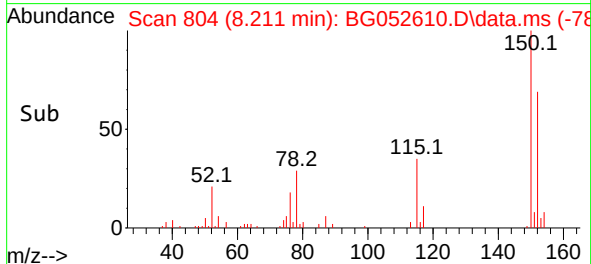
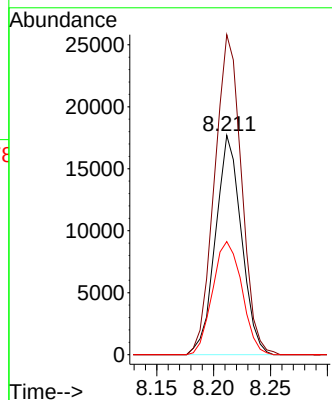
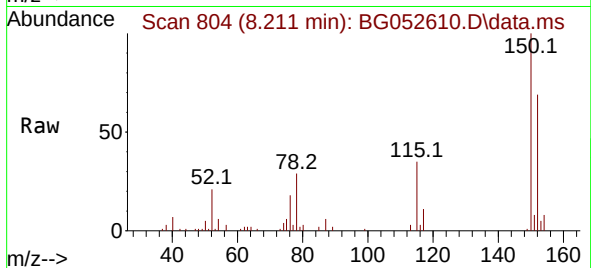




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 806
Delta R.T. -0.011 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

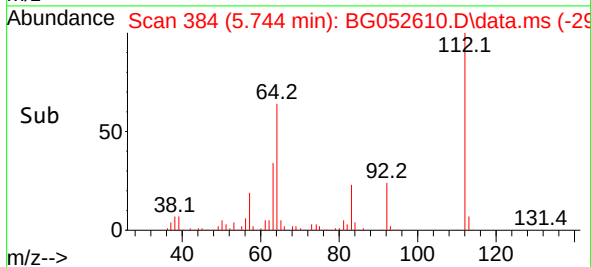
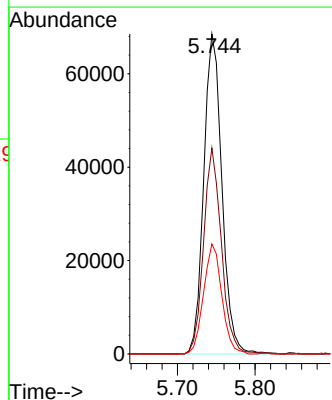
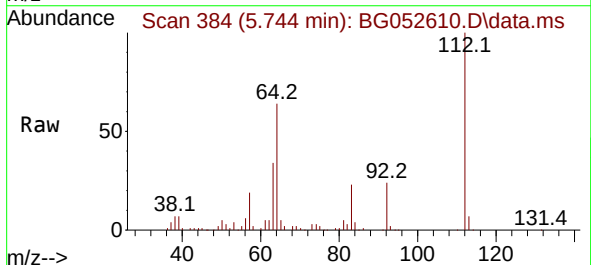
Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

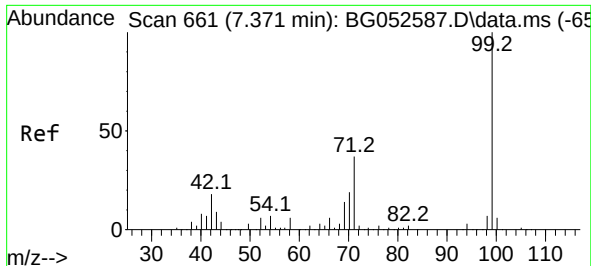
Tgt Ion:152 Resp: 28034
Ion Ratio Lower Upper
152 100
150 145.9 117.8 176.8
115 51.5 50.2 75.2



#5
2-Fluorophenol
Concen: 67.806 ng
RT: 5.744 min Scan# 384
Delta R.T. -0.005 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Tgt Ion:112 Resp: 111574
Ion Ratio Lower Upper
112 100
64 64.4 60.4 90.6
63 34.4 33.3 49.9

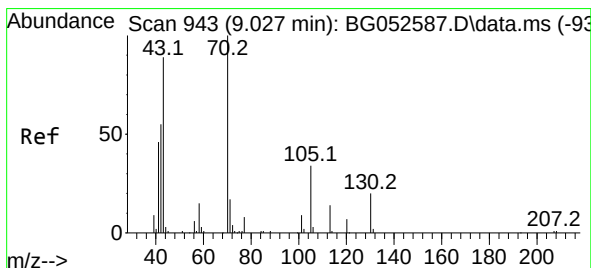
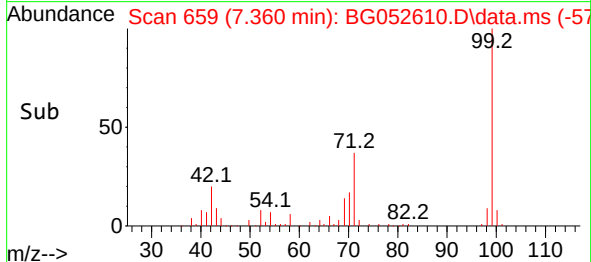
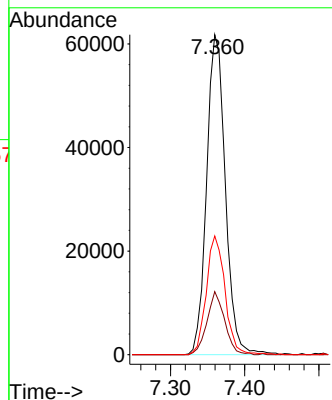
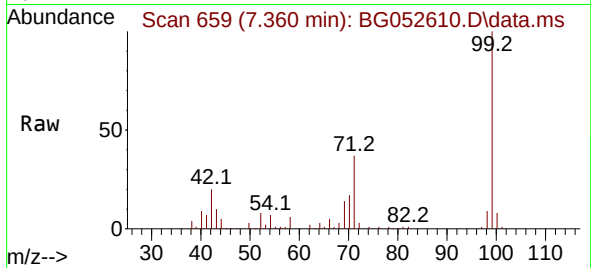




#7
Phenol-d6
Concen: 46.894 ng
RT: 7.360 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

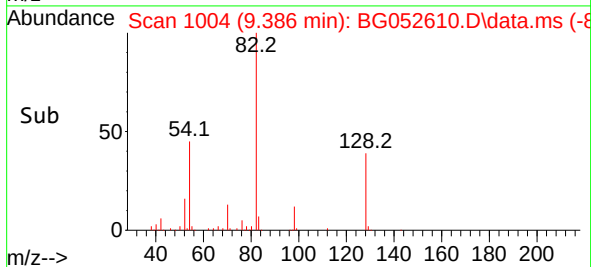
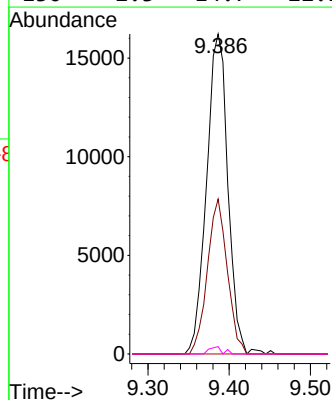
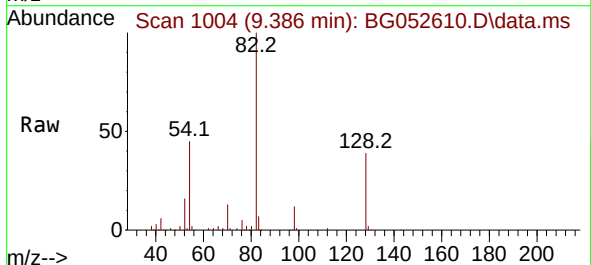
Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

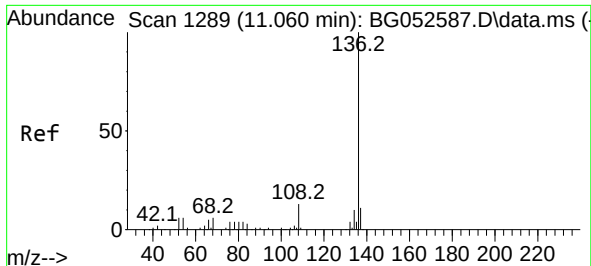
Tgt Ion: 99 Resp: 108424
Ion Ratio Lower Upper
99 100
42 19.7 19.1 28.7
71 37.1 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.807 ng
RT: 9.386 min Scan# 1004
Delta R.T. 0.359 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Tgt Ion: 70 Resp: 29607
Ion Ratio Lower Upper
70 100
42 48.4 51.8 77.6#
101 0.0 6.6 10.0#
130 2.3 14.7 22.1#

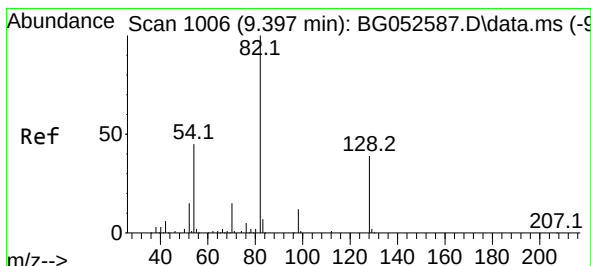
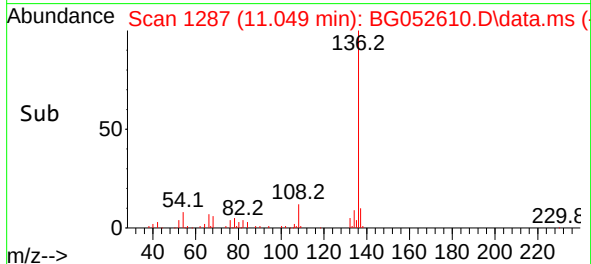
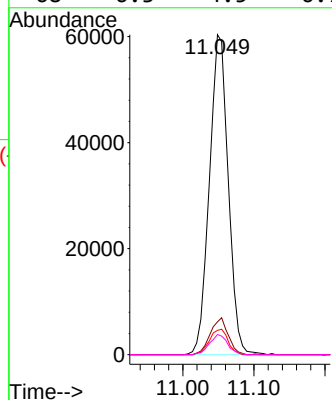
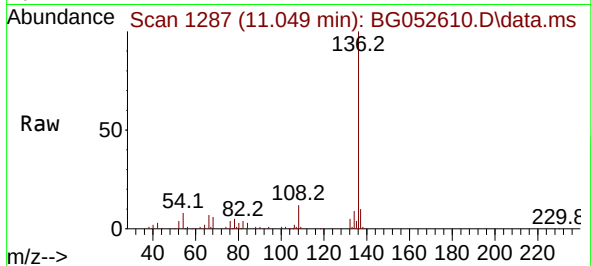




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

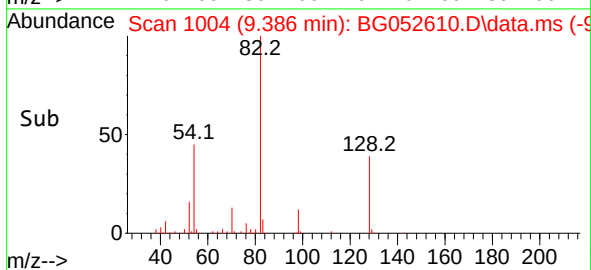
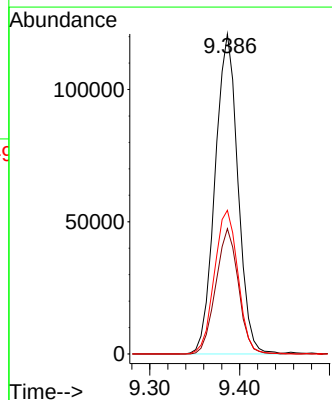
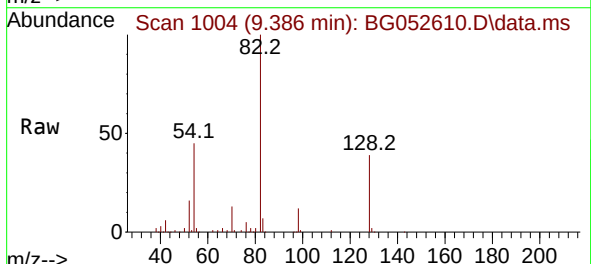
Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

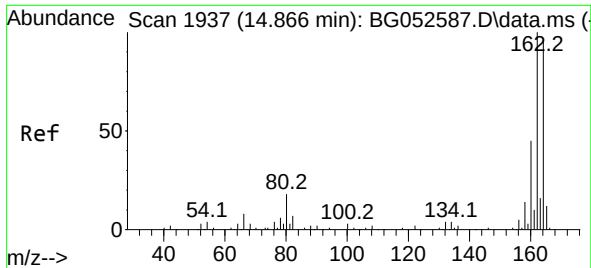
Tgt Ion:136	Resp: 111252
Ion Ratio	Lower Upper
136	100
137	10.3 9.1 13.7
54	7.6 8.3 12.5#
68	6.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 87.498 ng
RT: 9.386 min Scan# 1004
Delta R.T. -0.011 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

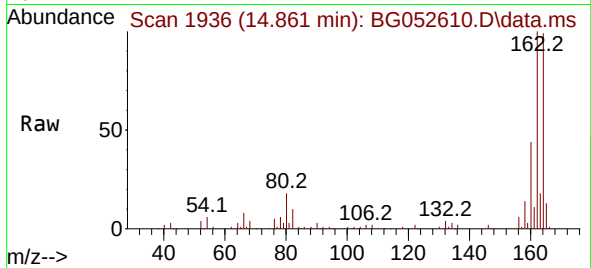
Tgt Ion: 82	Resp: 213523
Ion Ratio	Lower Upper
82	100
128	39.1 27.0 40.4
54	44.9 41.0 61.6



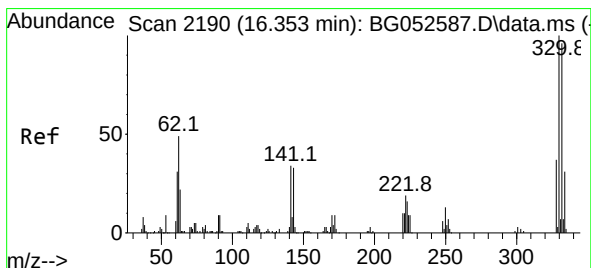
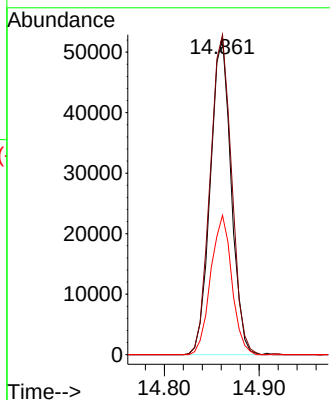
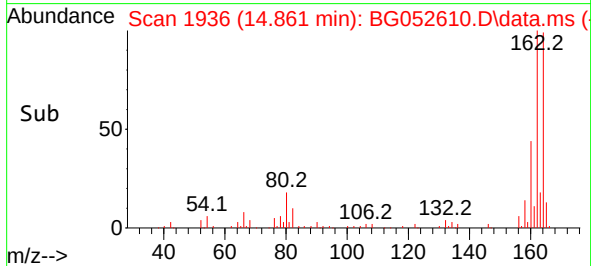


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.861 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

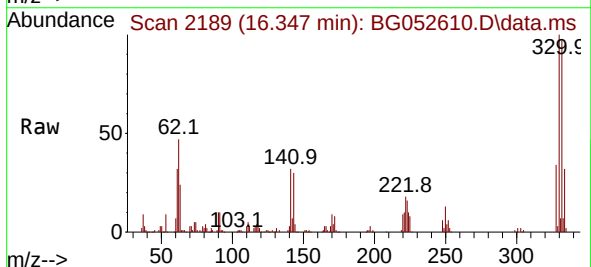
Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE



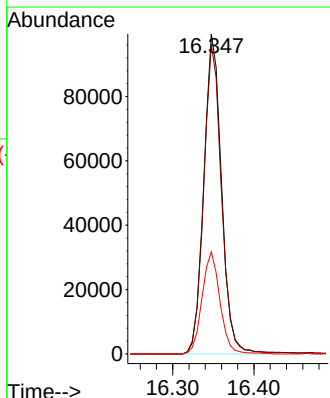
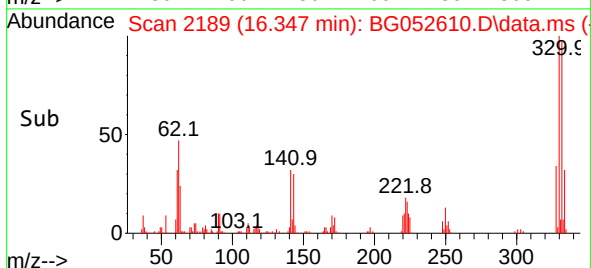
Tgt Ion:164 Resp: 79688
Ion Ratio Lower Upper
164 100
162 101.1 82.2 123.2
160 44.0 36.2 54.2

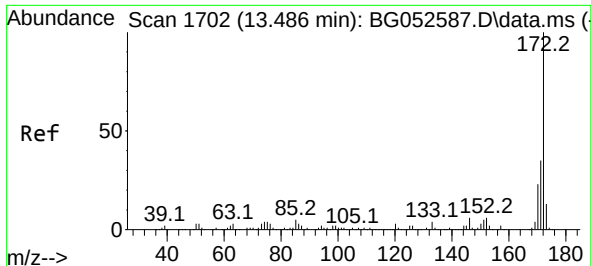


#42
2,4,6-Tribromophenol
Concen: 131.291 ng
RT: 16.347 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39



Tgt Ion:330 Resp: 150362
Ion Ratio Lower Upper
330 100
332 97.0 78.6 117.8
141 32.3 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 85.989 ng

RT: 13.481 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG052610.D

Acq: 8 Mar 2022 18:39

Instrument :

BNA_G

ClientSampleId :

20220216-098-21-01-ELUTRIATE

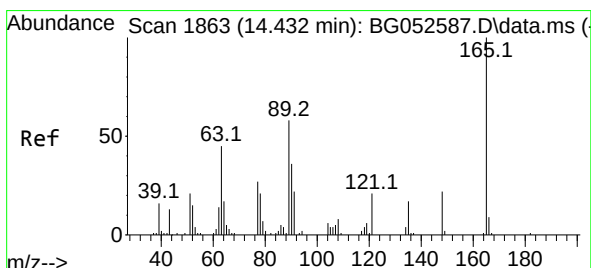
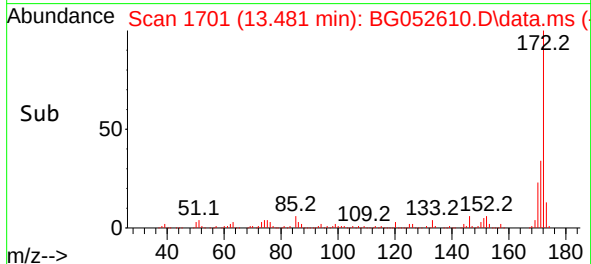
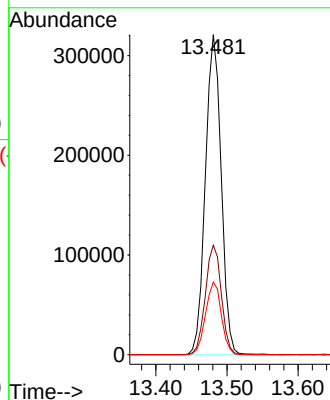
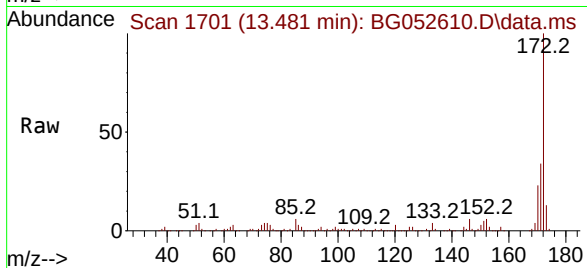
Tgt Ion:172 Resp: 496937

Ion Ratio Lower Upper

172 100

171 34.2 28.3 42.5

170 22.7 18.3 27.5



#51

2,6-Dinitrotoluene

Concen: 8.317 ng

RT: 14.855 min Scan# 1935

Delta R.T. 0.424 min

Lab File: BG052610.D

Acq: 8 Mar 2022 18:39

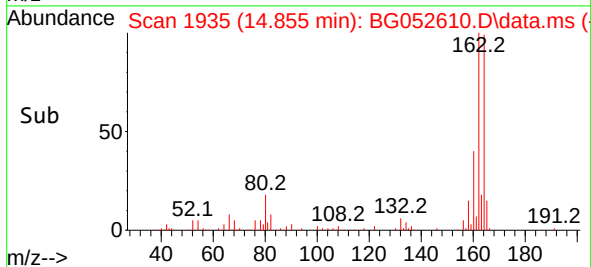
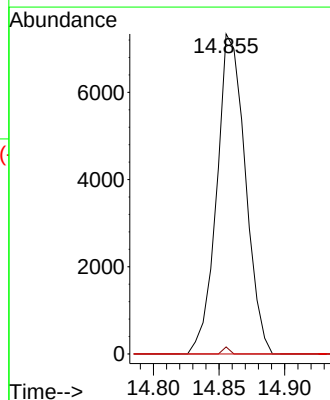
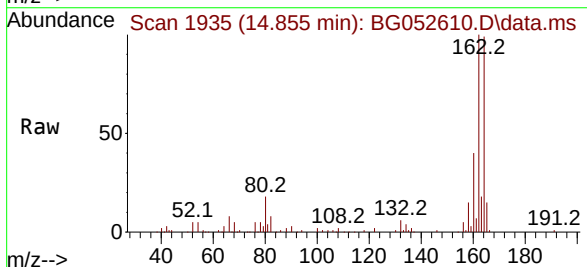
Tgt Ion:165 Resp: 11079

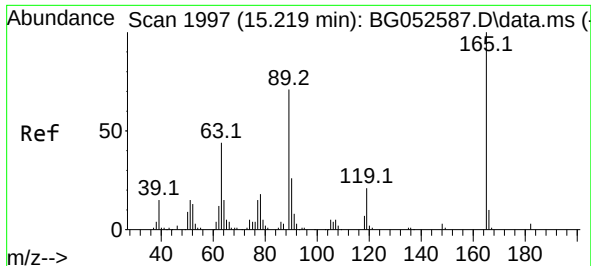
Ion Ratio Lower Upper

165 100

63 2.2 59.0 88.4#

89 0.0 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.880 ng

RT: 14.855 min Scan# 19

Delta R.T. -0.363 min

Lab File: BG052610.D

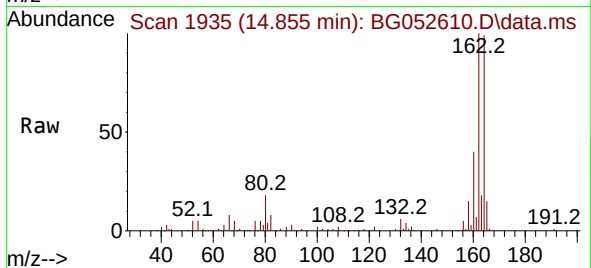
Acq: 8 Mar 2022 18:39

Instrument :

BNA_G

ClientSampleId :

20220216-098-21-01-ELUTRIATE



Tgt Ion:165 Resp: 11079

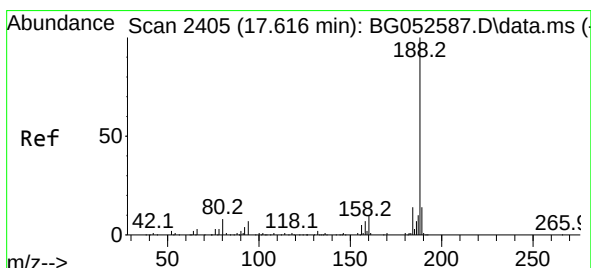
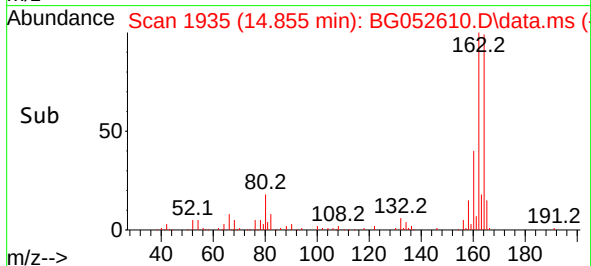
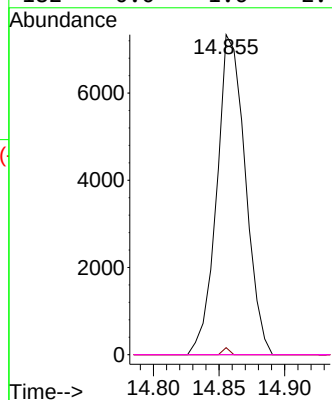
Ion Ratio Lower Upper

165 100

63 2.2 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: 17.610 min Scan# 2404

Delta R.T. -0.006 min

Lab File: BG052610.D

Acq: 8 Mar 2022 18:39

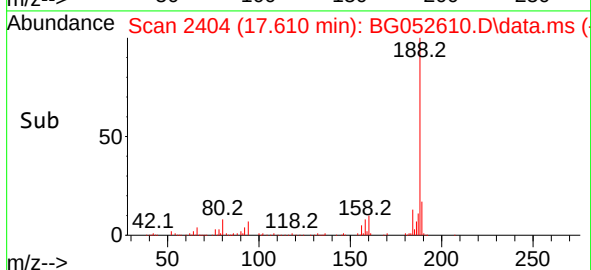
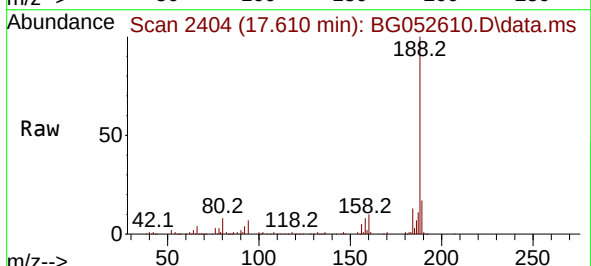
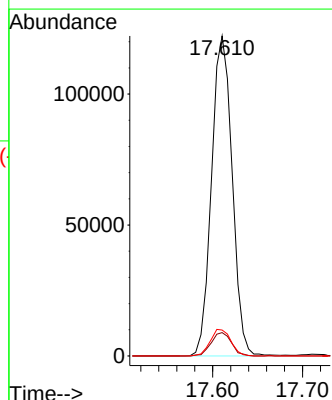
Tgt Ion:188 Resp: 194855

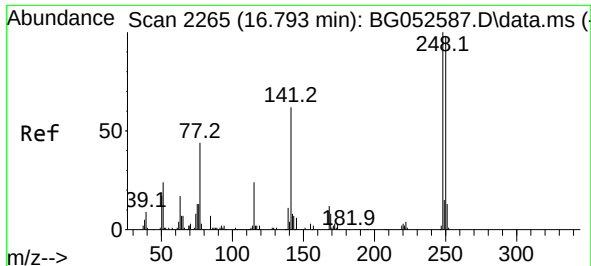
Ion Ratio Lower Upper

188 100

94 7.3 5.9 8.9

80 8.1 6.6 10.0

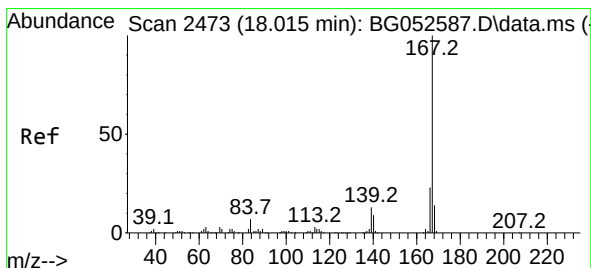
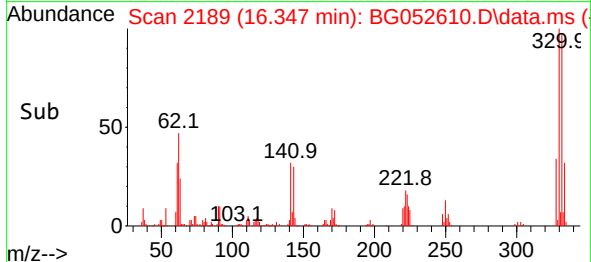
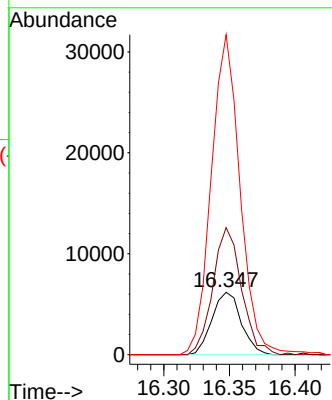
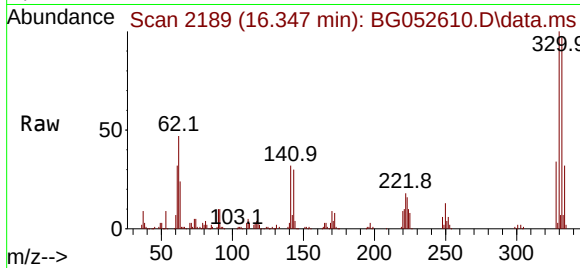




#67
4-Bromophenyl-phenylether
Concen: 4.056 ng
RT: 16.347 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

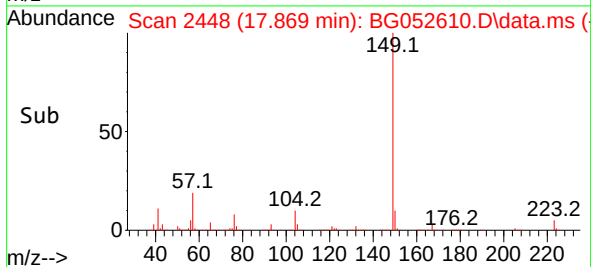
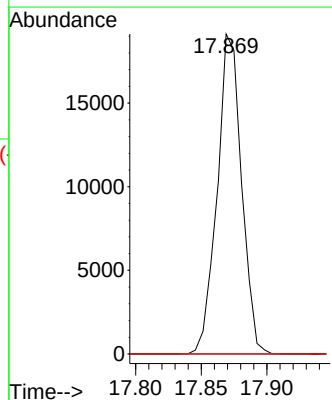
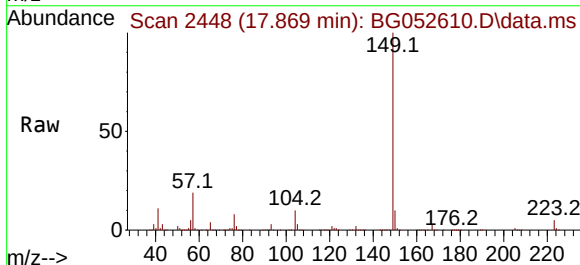
Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

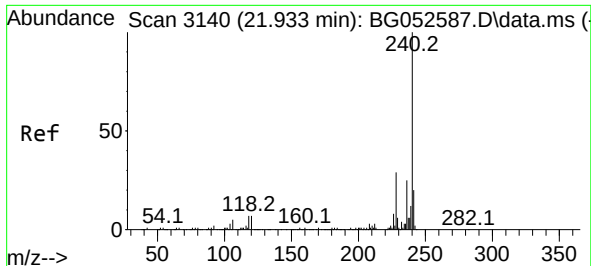
Tgt Ion:248 Resp: 9551
Ion Ratio Lower Upper
248 100
250 203.4 79.6 119.4#
141 512.3 54.6 81.8#



#73
Carbazole
Concen: 2.510 ng
RT: 17.869 min Scan# 2448
Delta R.T. -0.146 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Tgt Ion:167 Resp: 24660
Ion Ratio Lower Upper
167 100
166 0.0 17.8 26.6#
139 0.0 10.6 16.0#

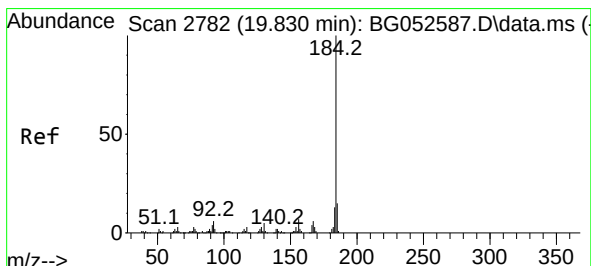
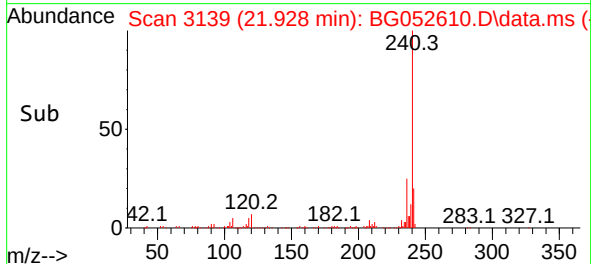
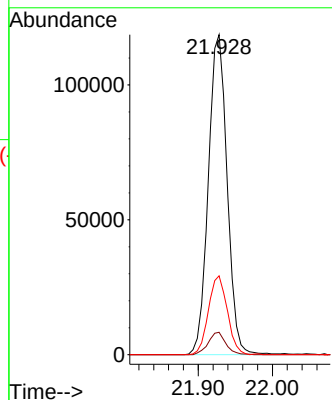
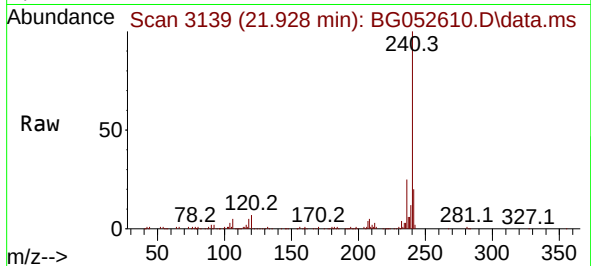




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

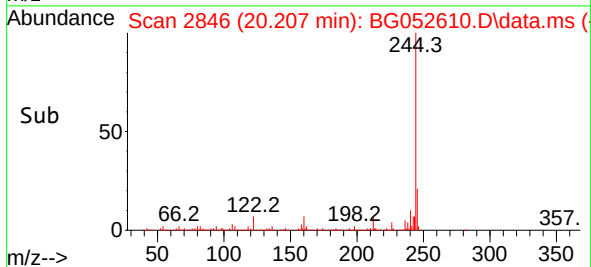
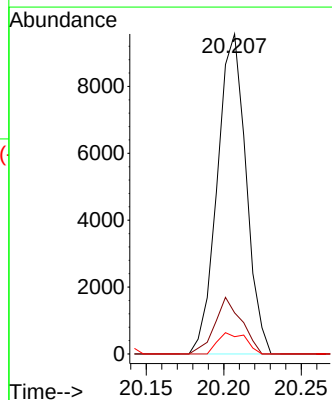
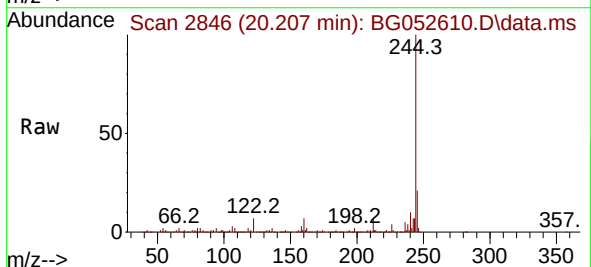
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BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

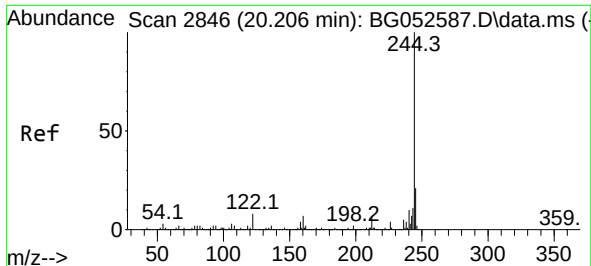
Tgt Ion:240 Resp: 208648
Ion Ratio Lower Upper
240 100
120 7.0 4.4 6.6#
236 24.7 20.8 31.2



#77
Benzidine
Concen: 2.760 ng
RT: 20.207 min Scan# 2846
Delta R.T. 0.377 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Tgt Ion:184 Resp: 12312
Ion Ratio Lower Upper
184 100
185 12.9 11.8 17.8
183 5.4 9.8 14.6#

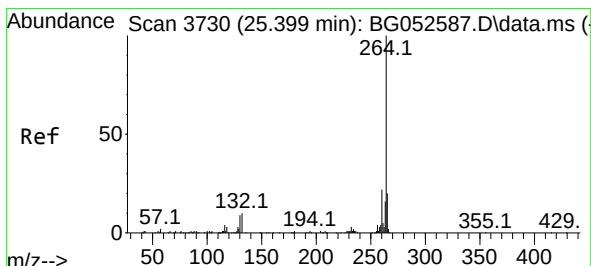
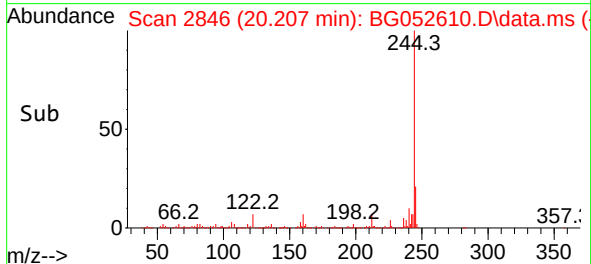
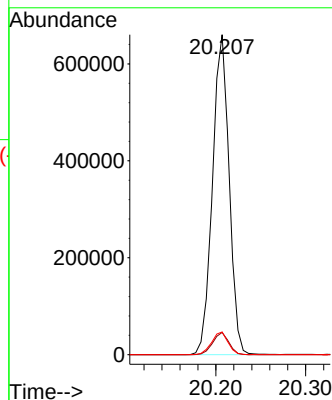
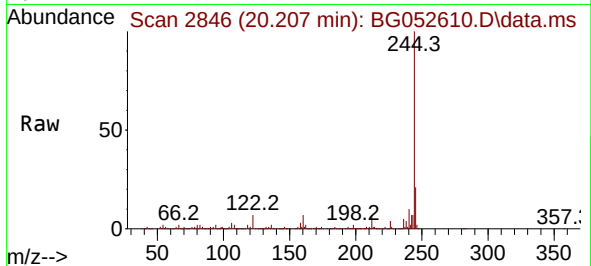




#79
 Terphenyl-d14
 Concen: 72.940 ng
 RT: 20.207 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG052610.D
 Acq: 8 Mar 2022 18:39

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

Tgt Ion:244 Resp: 849842
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 7.1 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.388 min Scan# 3728
 Delta R.T. -0.011 min
 Lab File: BG052610.D
 Acq: 8 Mar 2022 18:39

Tgt Ion:264 Resp: 211819
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 20.7 17.8 26.6

