

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055592.D
 Acq On : 12 Nov 2022 16:36
 Operator : CG/JU
 Sample : N5431-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221177-COMP-12-MODIFIED-ELUTRIATE

Quant Time: Nov 14 03:28:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

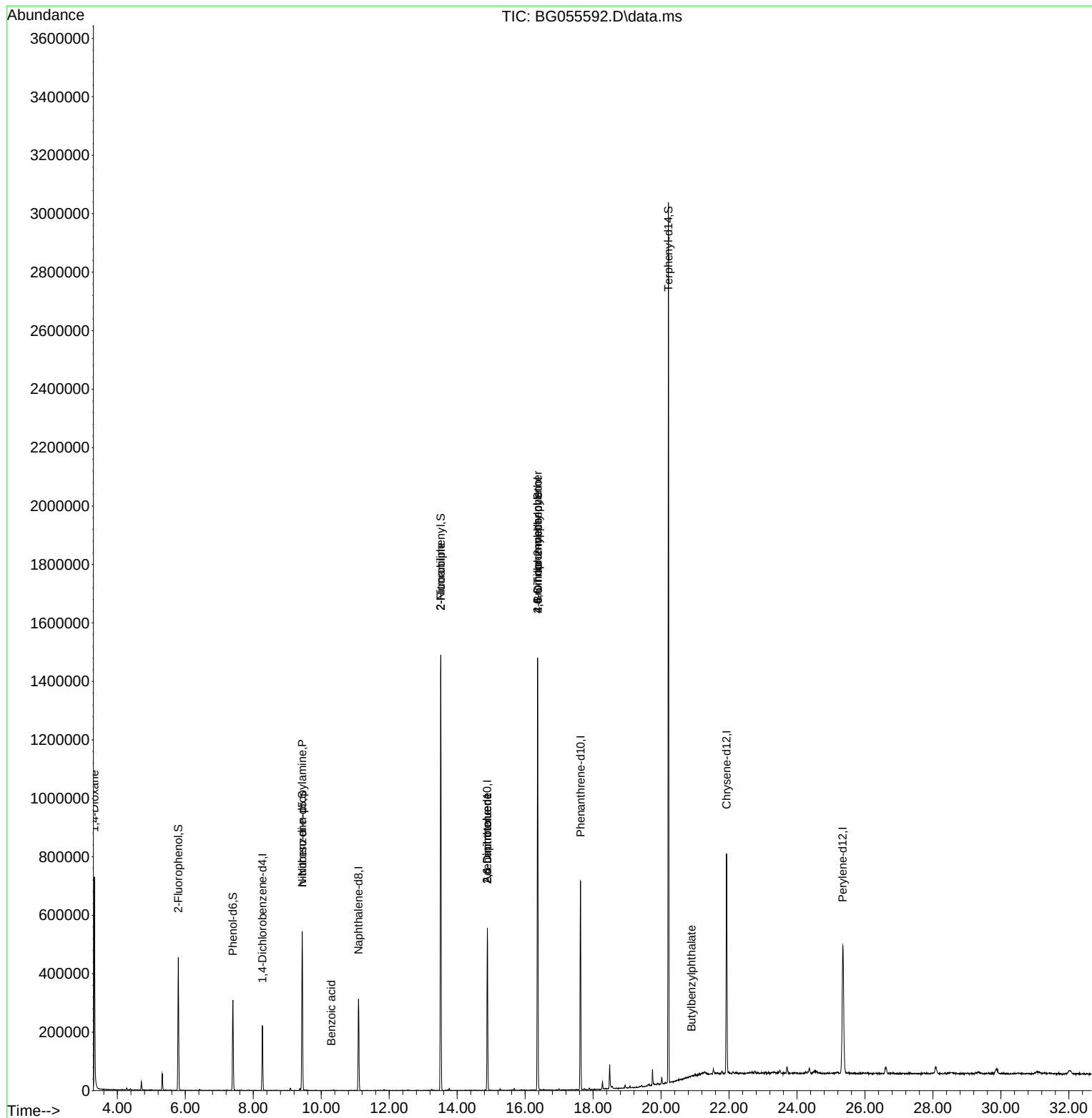
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	64518	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	262784	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	197219	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	480247	20.000	ng	0.00
76) Chrysene-d12	21.925	240	477229	20.000	ng	0.00
86) Perylene-d12	25.345	264	504497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	188165	55.551	ng	0.00
7) Phenol-d6	7.401	99	171989	36.758	ng	0.00
23) Nitrobenzene-d5	9.440	82	315618	81.422	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	290683	151.061	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	777268	59.448	ng	0.00
79) Terphenyl-d14	20.215	244	1455471	61.258	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	5896	3.427	ng	# 1
19) n-Nitroso-di-n-propyla...	9.440	70	43566	11.267	ng	# 78
32) Benzoic acid	10.298	122	123	4.376	ng	# 41
48) 2-Nitroaniline	13.517	65	1279	4.197	ng	# 1
51) 2,6-Dinitrotoluene	14.886	165	25852	12.321	ng	# 22
57) 2,4-Dinitrotoluene	14.886	165	25852	10.492	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.367	198	817	2.598	ng	# 1
67) 4-Bromophenyl-phenylether	16.367	248	19285	3.936	ng	# 1
80) Butylbenzylphthalate	20.891	149	609	3.410	ng	# 88

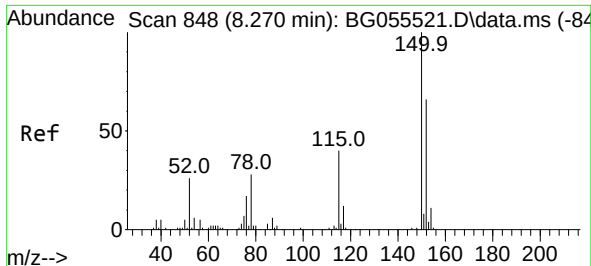
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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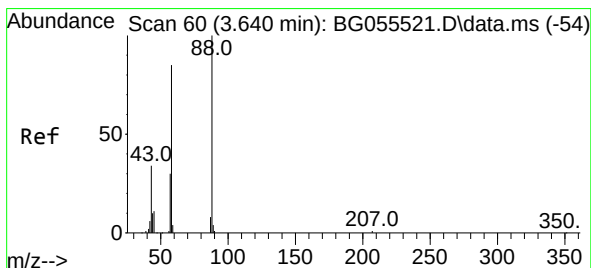
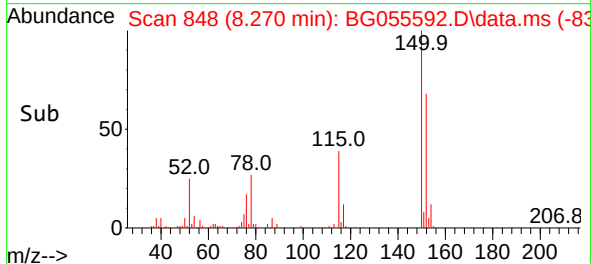
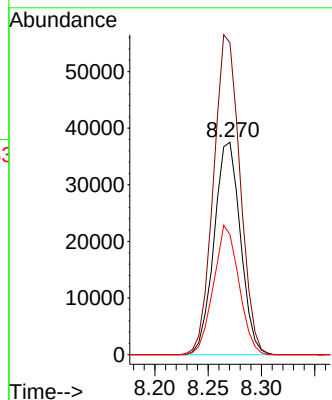
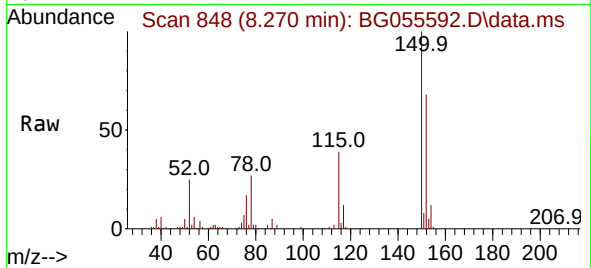




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.270 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BG055592.D
 Acq: 12 Nov 2022 16:36

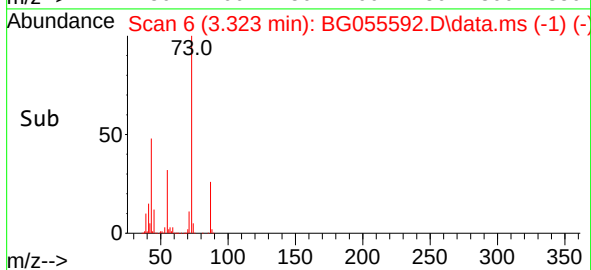
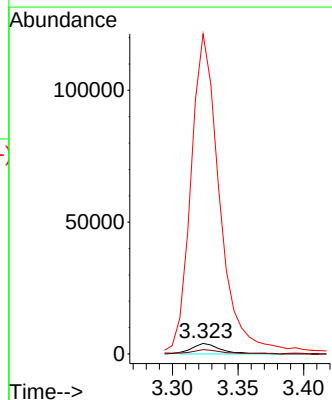
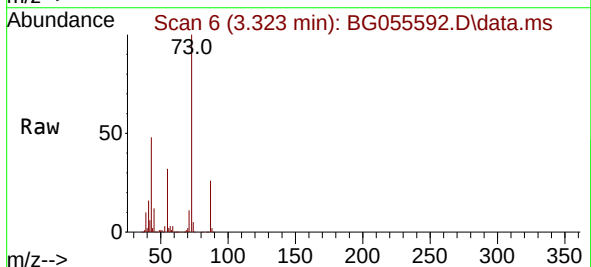
Instrument :
 BNA_G
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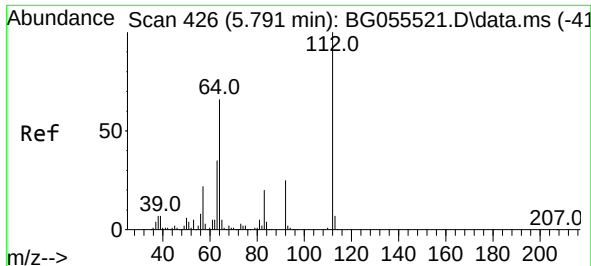
Tgt Ion:152 Resp: 64518
 Ion Ratio Lower Upper
 152 100
 150 146.8 121.0 181.4
 115 56.6 47.8 71.8



#2
 1,4-Dioxane
 Concen: 3.427 ng
 RT: 3.323 min Scan# 6
 Delta R.T. -0.317 min
 Lab File: BG055592.D
 Acq: 12 Nov 2022 16:36

Tgt Ion: 88 Resp: 5896
 Ion Ratio Lower Upper
 88 100
 58 46.5 68.9 103.3#
 43 3031.8 27.1 40.7#

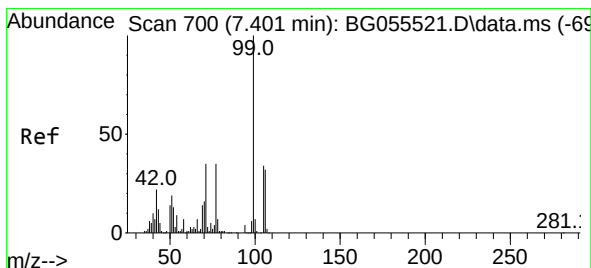
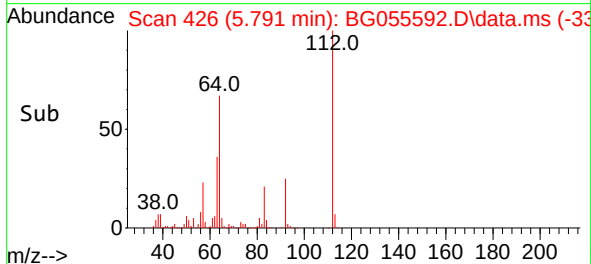
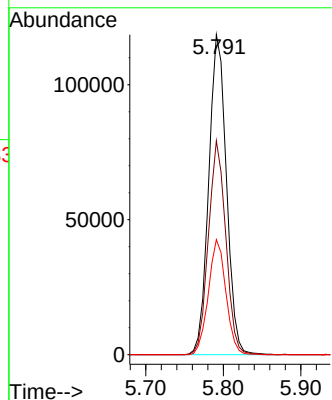
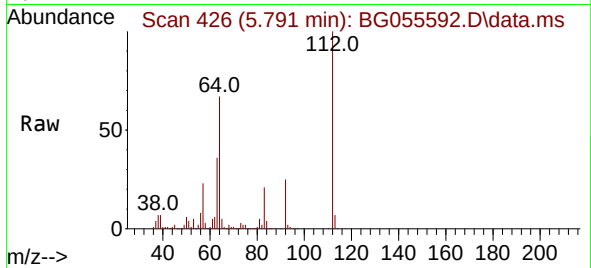




#5
2-Fluorophenol
Concen: 55.551 ng
RT: 5.791 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

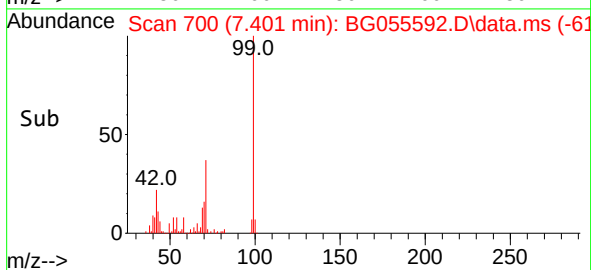
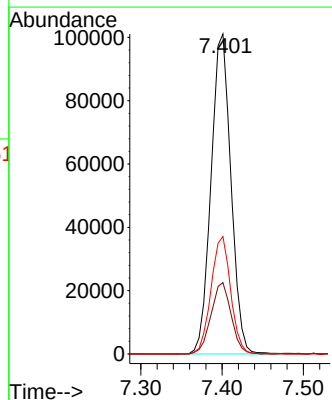
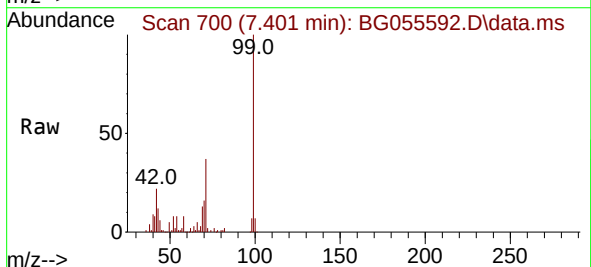
Instrument :
BNA_G
ClientSampleId :
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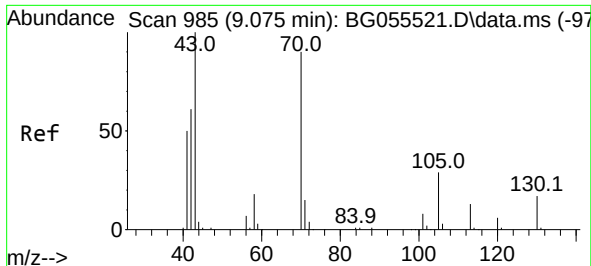
Tgt Ion:112 Resp: 188165
Ion Ratio Lower Upper
112 100
64 66.8 52.6 78.8
63 35.9 28.3 42.5



#7
Phenol-d6
Concen: 36.758 ng
RT: 7.401 min Scan# 700
Delta R.T. -0.000 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

Tgt Ion: 99 Resp: 171989
Ion Ratio Lower Upper
99 100
42 22.3 17.5 26.3
71 36.7 28.3 42.5

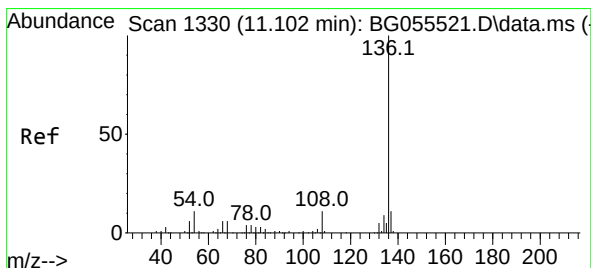
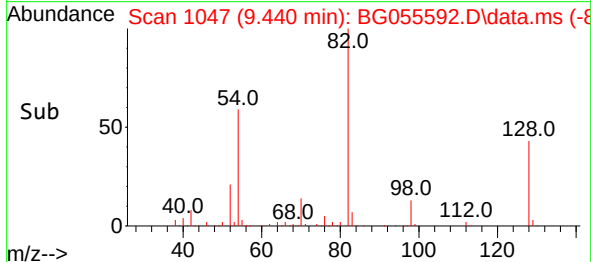
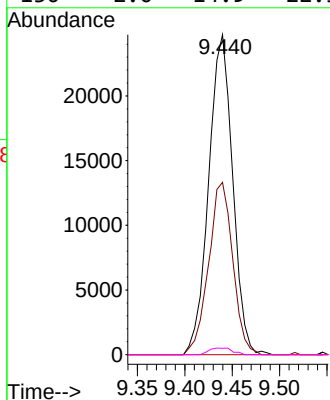
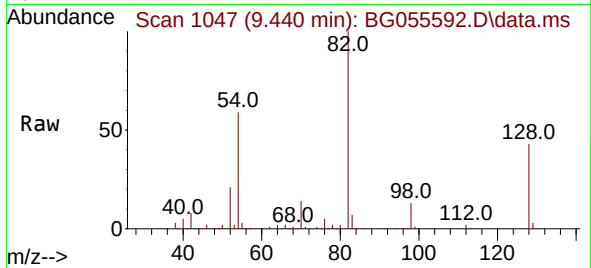




#19
n-Nitroso-di-n-propylamine
Concen: 11.267 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

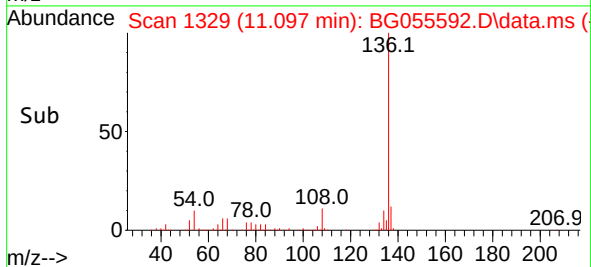
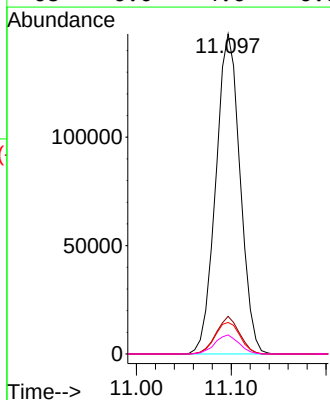
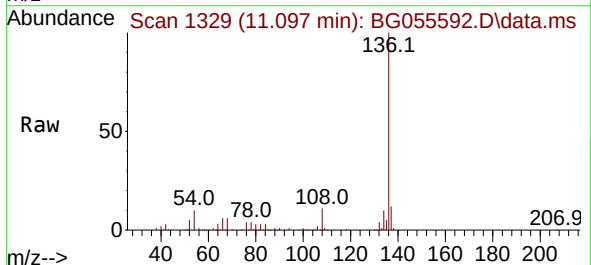
Instrument :
BNA_G
ClientSampleId :
20221177-COMP-12-MODIFIED-ELUTRIATE

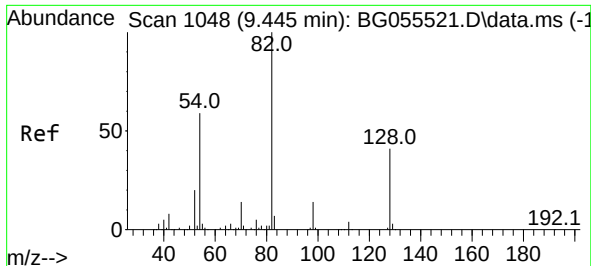
Tgt Ion: 70	Resp: 43566
Ion Ratio	Lower Upper
70 100	
42 53.9	54.8 82.2#
101 0.0	6.8 10.2#
130 2.0	14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

Tgt Ion: 136	Resp: 262784
Ion Ratio	Lower Upper
136 100	
137 11.8	8.6 12.8
54 9.9	8.6 12.8
68 6.0	4.6 6.8





#23

Nitrobenzene-d5

Concen: 81.422 ng

RT: 9.440 min Scan# 1193

Delta R.T. -0.005 min

Lab File: BG055592.D

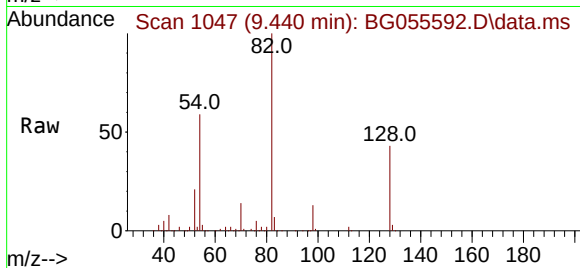
Acq: 12 Nov 2022 16:36

Instrument :

BNA_G

ClientSampleId :

20221177-COMP-12-MODIFIED-ELUTRIATE



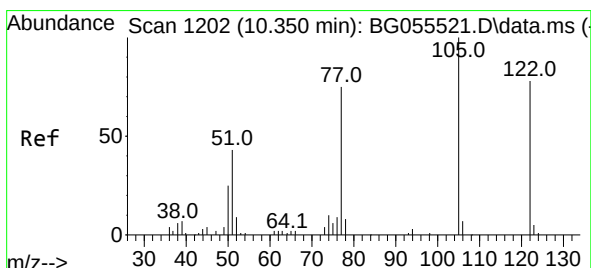
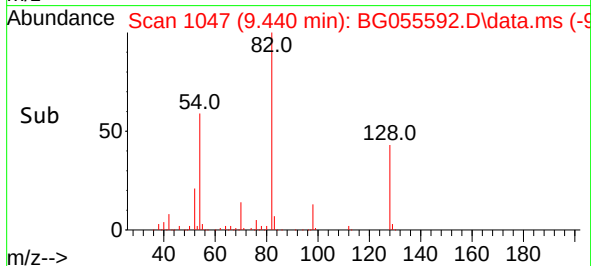
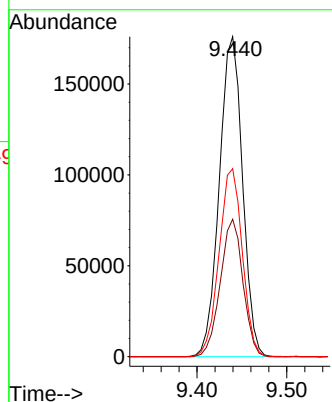
Tgt Ion: 82 Resp: 315618

Ion Ratio Lower Upper

82 100

128 43.0 32.6 49.0

54 58.8 47.3 70.9



#32

Benzoic acid

Concen: 4.376 ng

RT: 10.298 min Scan# 1193

Delta R.T. -0.052 min

Lab File: BG055592.D

Acq: 12 Nov 2022 16:36

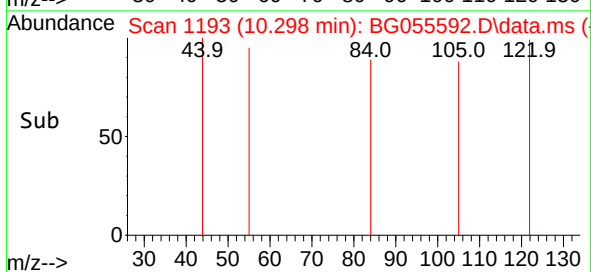
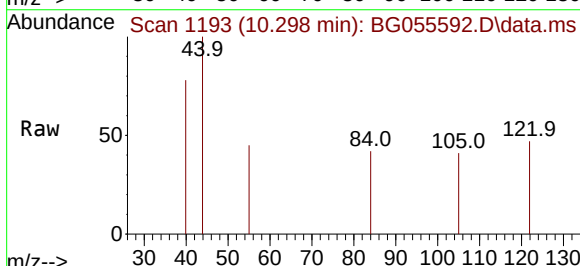
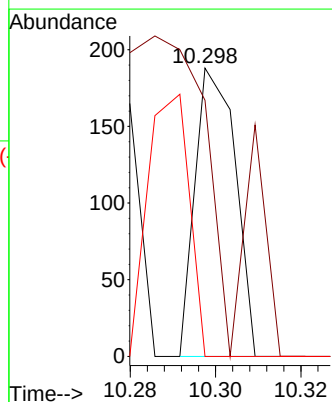
Tgt Ion: 122 Resp: 123

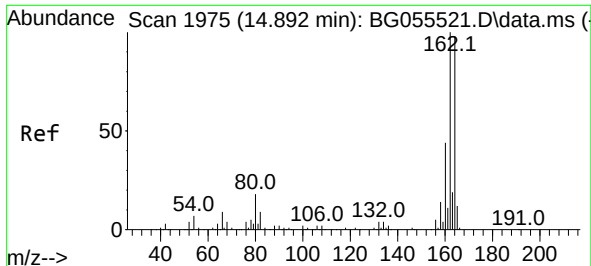
Ion Ratio Lower Upper

122 100

105 88.8 101.2 141.2#

77 0.0 74.4 114.4#

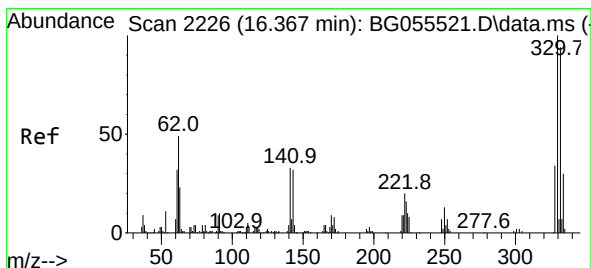
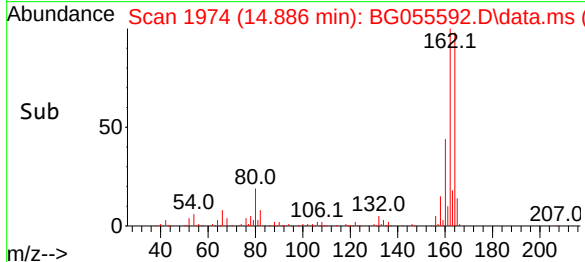
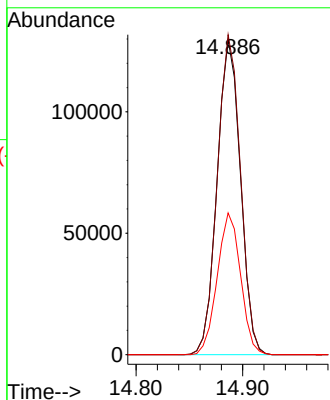
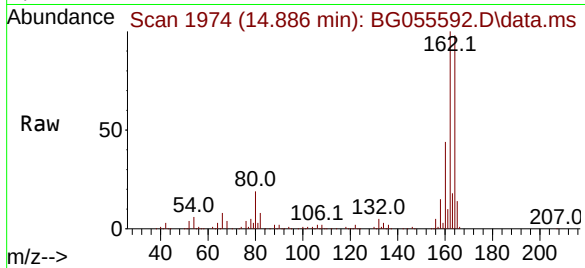




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

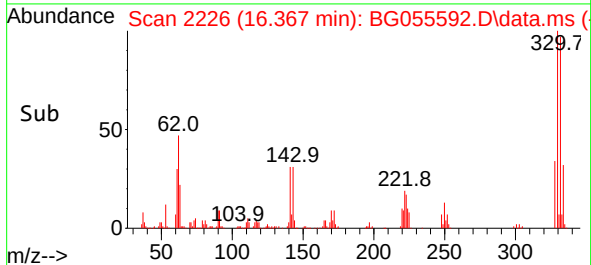
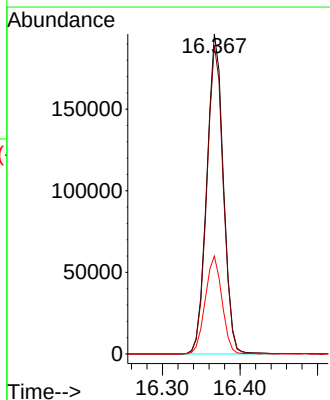
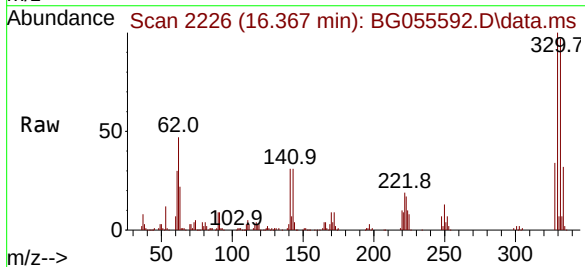
Instrument : BNA_G
ClientSampleId : 20221177-COMP-12-MODIFIED-ELUTRIATE

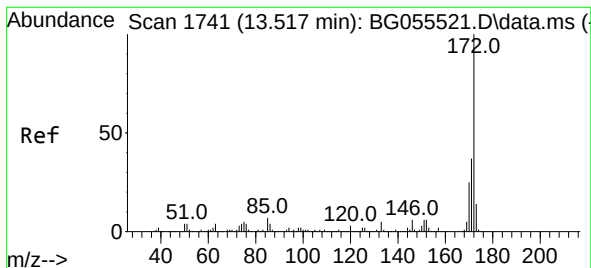
Tgt Ion:164 Resp: 197219
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 45.0 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 151.061 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

Tgt Ion:330 Resp: 290683
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 30.9 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 59.448 ng

RT: 13.517 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BG055592.D

Acq: 12 Nov 2022 16:36

Instrument :

BNA_G

ClientSampleId :

20221177-COMP-12-MODIFIED-ELUTRIATE

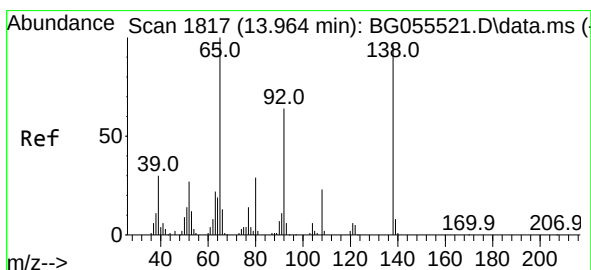
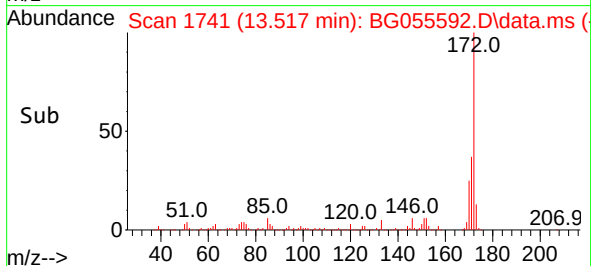
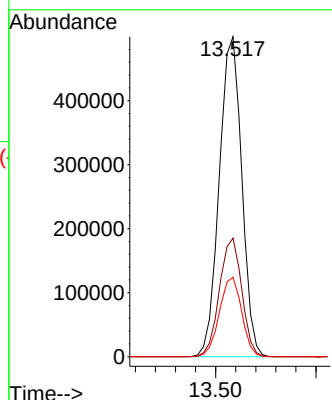
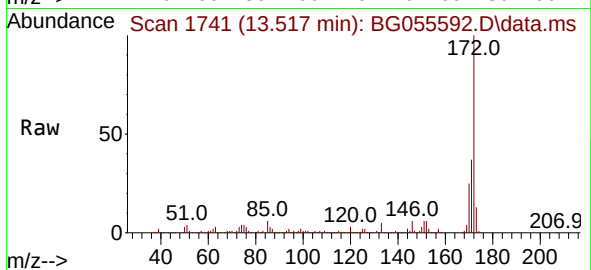
Tgt Ion:172 Resp: 777268

Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

170 24.8 19.8 29.6



#48

2-Nitroaniline

Concen: 4.197 ng

RT: 13.517 min Scan# 1741

Delta R.T. -0.447 min

Lab File: BG055592.D

Acq: 12 Nov 2022 16:36

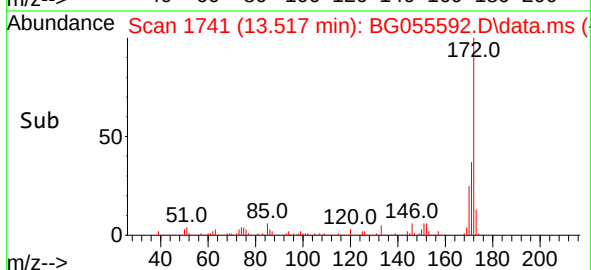
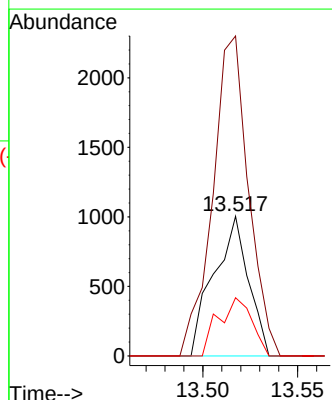
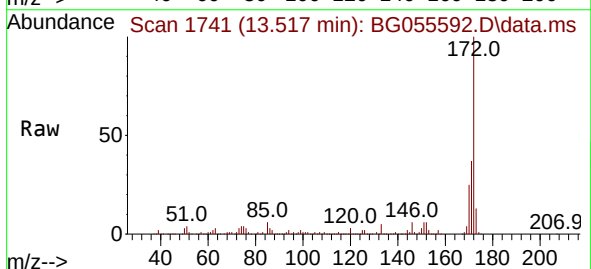
Tgt Ion: 65 Resp: 1279

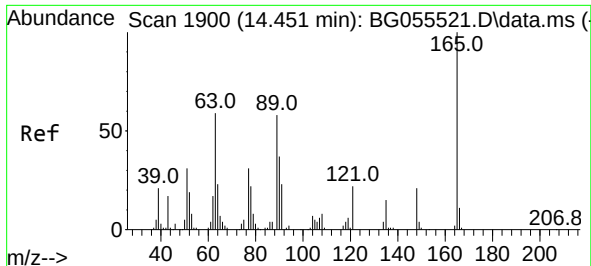
Ion Ratio Lower Upper

65 100

92 229.2 51.6 77.4#

138 41.7 77.0 115.4#

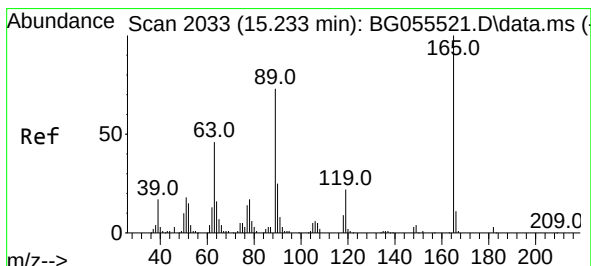
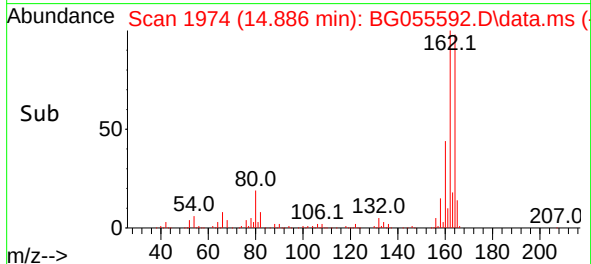
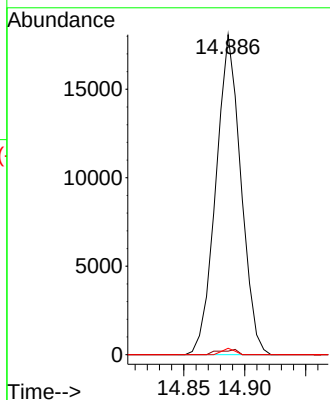
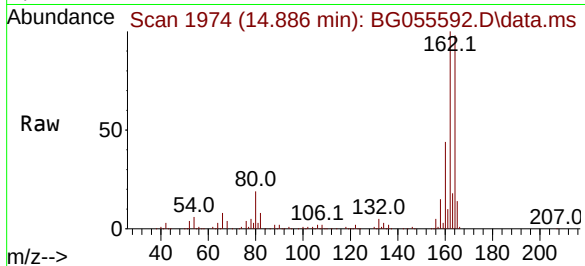




#51
2,6-Dinitrotoluene
Concen: 12.321 ng
RT: 14.886 min Scan# 1900
Delta R.T. 0.435 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

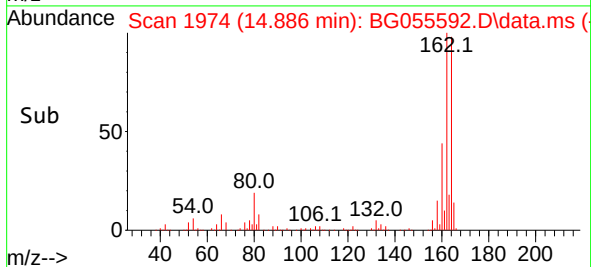
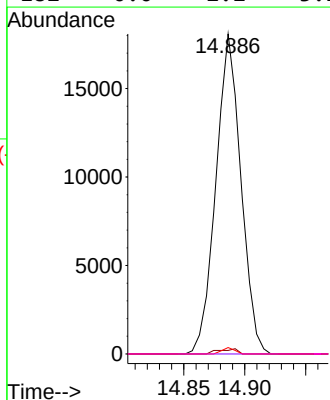
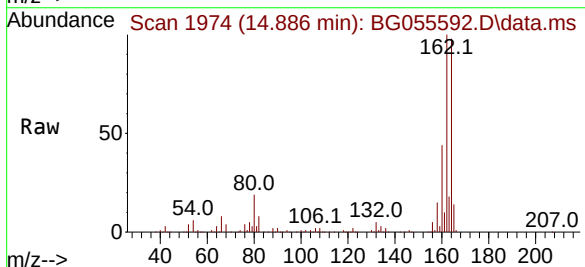
Instrument :
BNA_G
ClientSampleId :
20221177-COMP-12-MODIFIED-ELUTRIATE

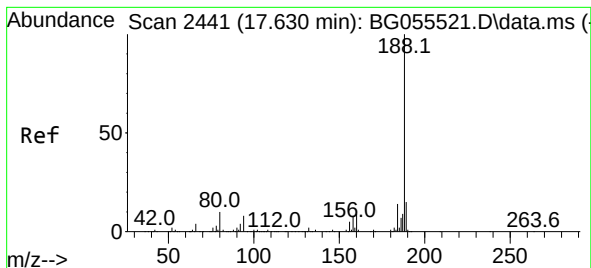
Tgt Ion:165 Resp: 25852
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 2.0 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.492 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.347 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

Tgt Ion:165 Resp: 25852
Ion Ratio Lower Upper
165 100
63 1.1 37.0 55.4#
89 2.0 58.6 87.8#
182 0.0 2.2 3.2#

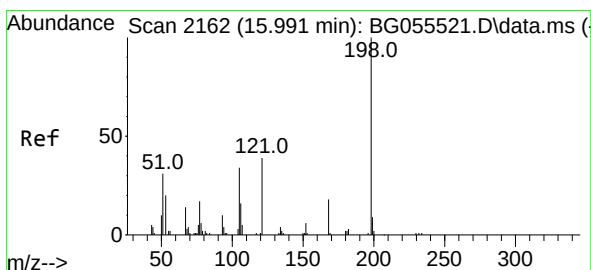
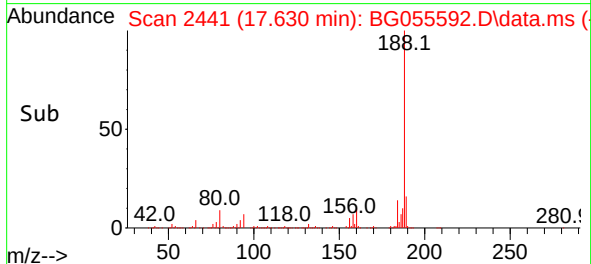
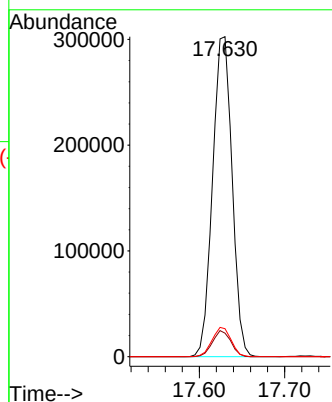
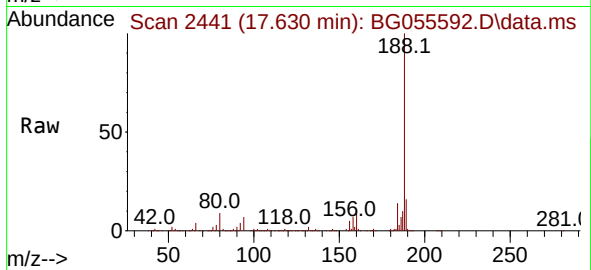




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

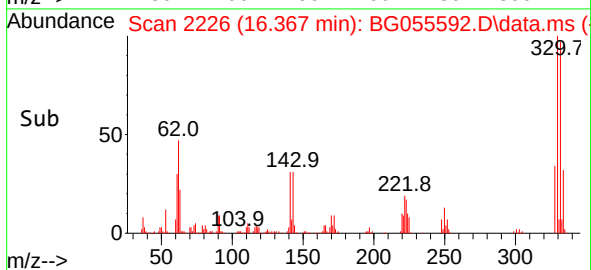
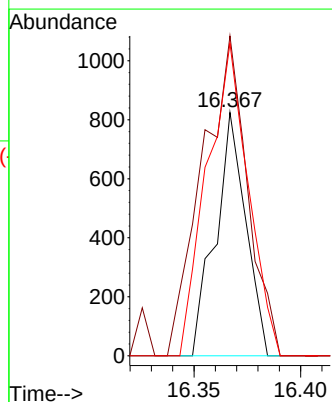
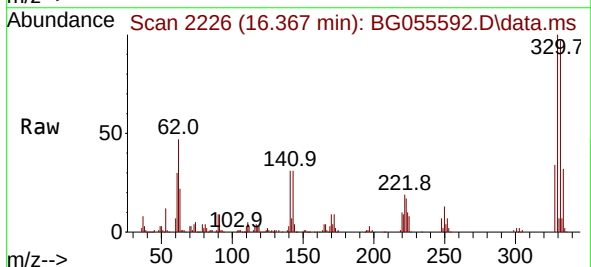
Instrument : BNA_G
ClientSampleId : 20221177-COMP-12-MODIFIED-ELUTRIATE

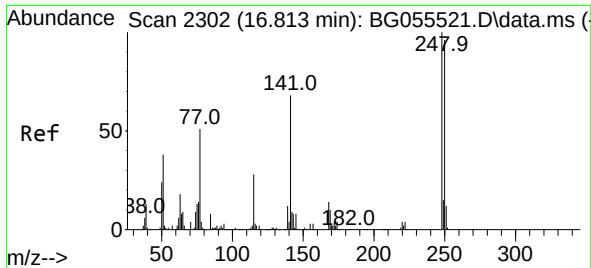
Tgt Ion:188 Resp: 480247
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.7 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.598 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.376 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

Tgt Ion:198 Resp: 817
Ion Ratio Lower Upper
198 100
51 131.4 24.7 64.7#
105 128.4 17.6 57.6#

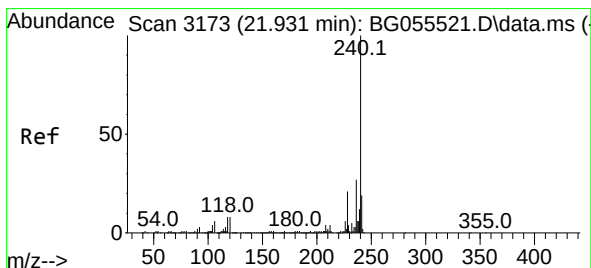
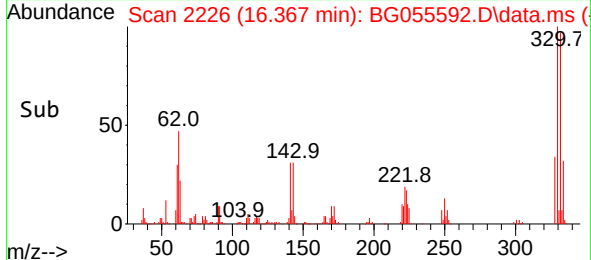
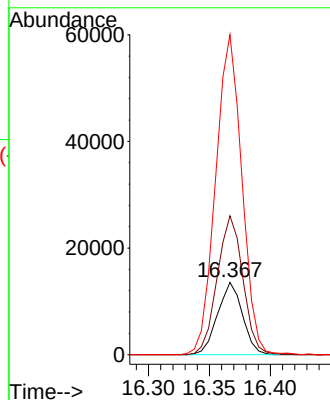
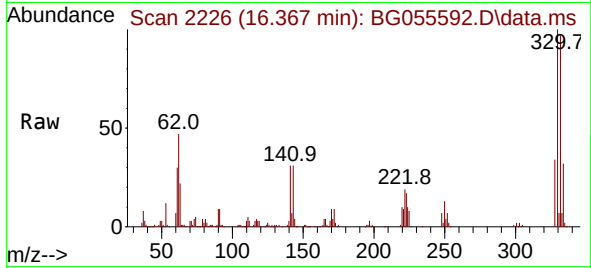




#67
4-Bromophenyl-phenylether
Concen: 3.936 ng
RT: 16.367 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

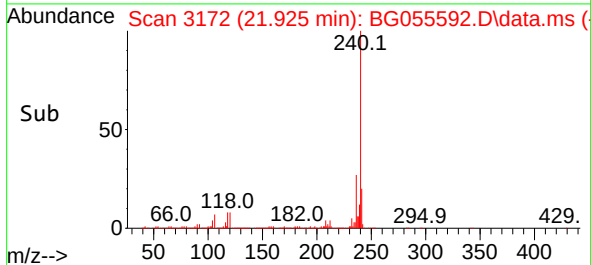
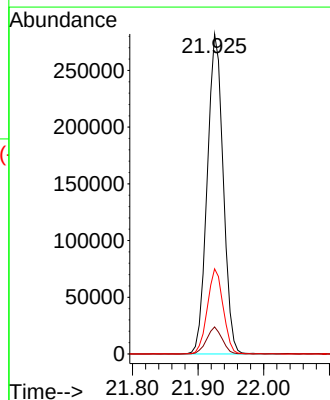
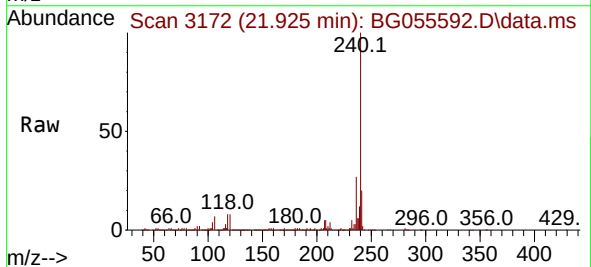
Instrument :
BNA_G
ClientSampleId :
20221177-COMP-12-MODIFIED-ELUTRIATE

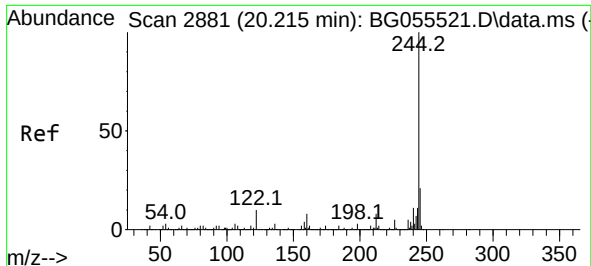
Tgt Ion:248 Resp: 19285
Ion Ratio Lower Upper
248 100
250 191.9 76.9 115.3#
141 442.2 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. -0.006 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

Tgt Ion:240 Resp: 477229
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 26.6 21.4 32.0

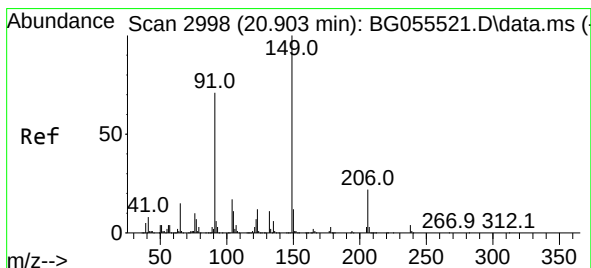
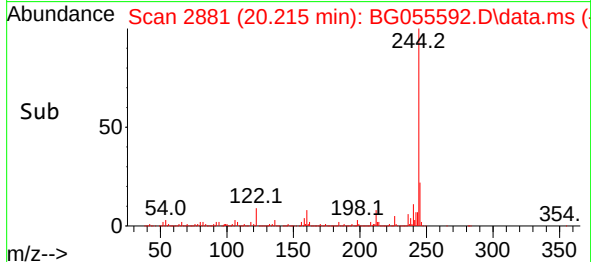
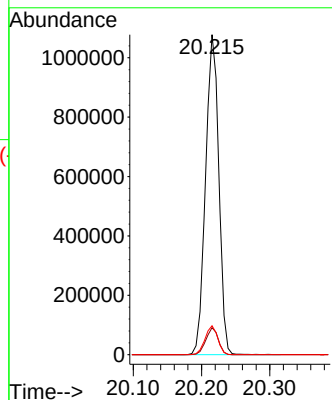
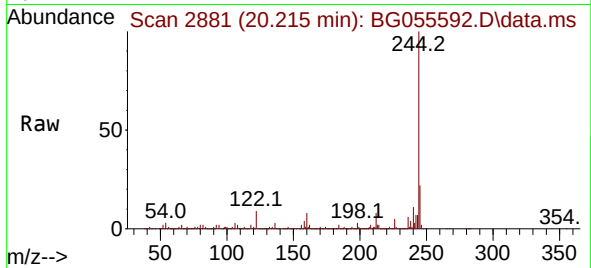




#79
 Terphenyl-d14
 Concen: 61.258 ng
 RT: 20.215 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055592.D
 Acq: 12 Nov 2022 16:36

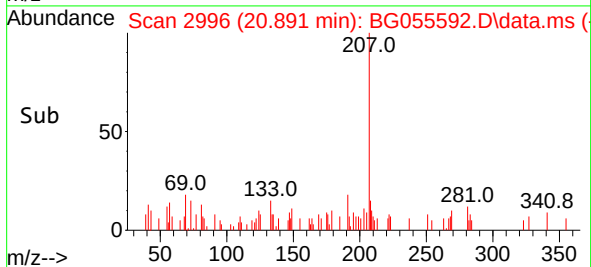
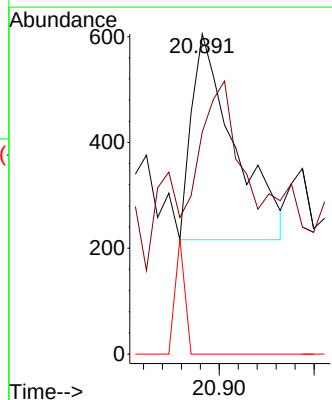
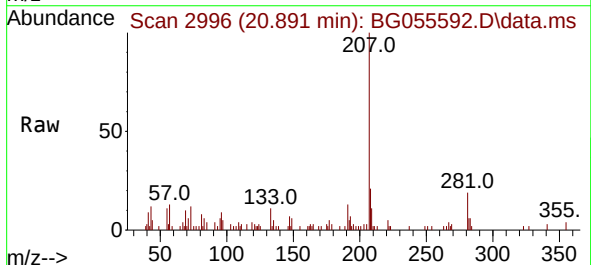
Instrument :
 BNA_G
 ClientSampleId :
 20221177-COMP-12-MODIFIED-ELUTRIATE

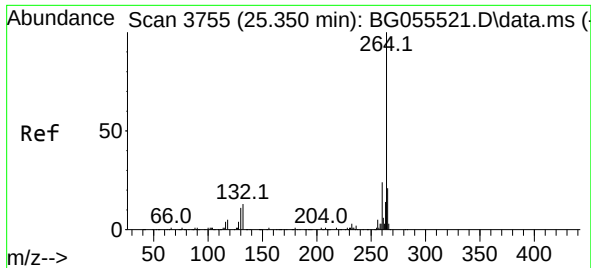
Tgt Ion:244 Resp: 1455471
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 9.1 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.410 ng
 RT: 20.891 min Scan# 2996
 Delta R.T. -0.012 min
 Lab File: BG055592.D
 Acq: 12 Nov 2022 16:36

Tgt Ion:149 Resp: 609
 Ion Ratio Lower Upper
 149 100
 91 69.4 56.8 85.2
 206 0.0 17.3 25.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.345 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG055592.D
 Acq: 12 Nov 2022 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20221177-COMP-12-MODIFIED-ELUTRIATE

Tgt Ion:264 Resp: 504497
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.6 17.1 25.7

