

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055631.D
 Acq On : 15 Nov 2022 21:09
 Operator : CG/JU
 Sample : N5431-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 16 01:45:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

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

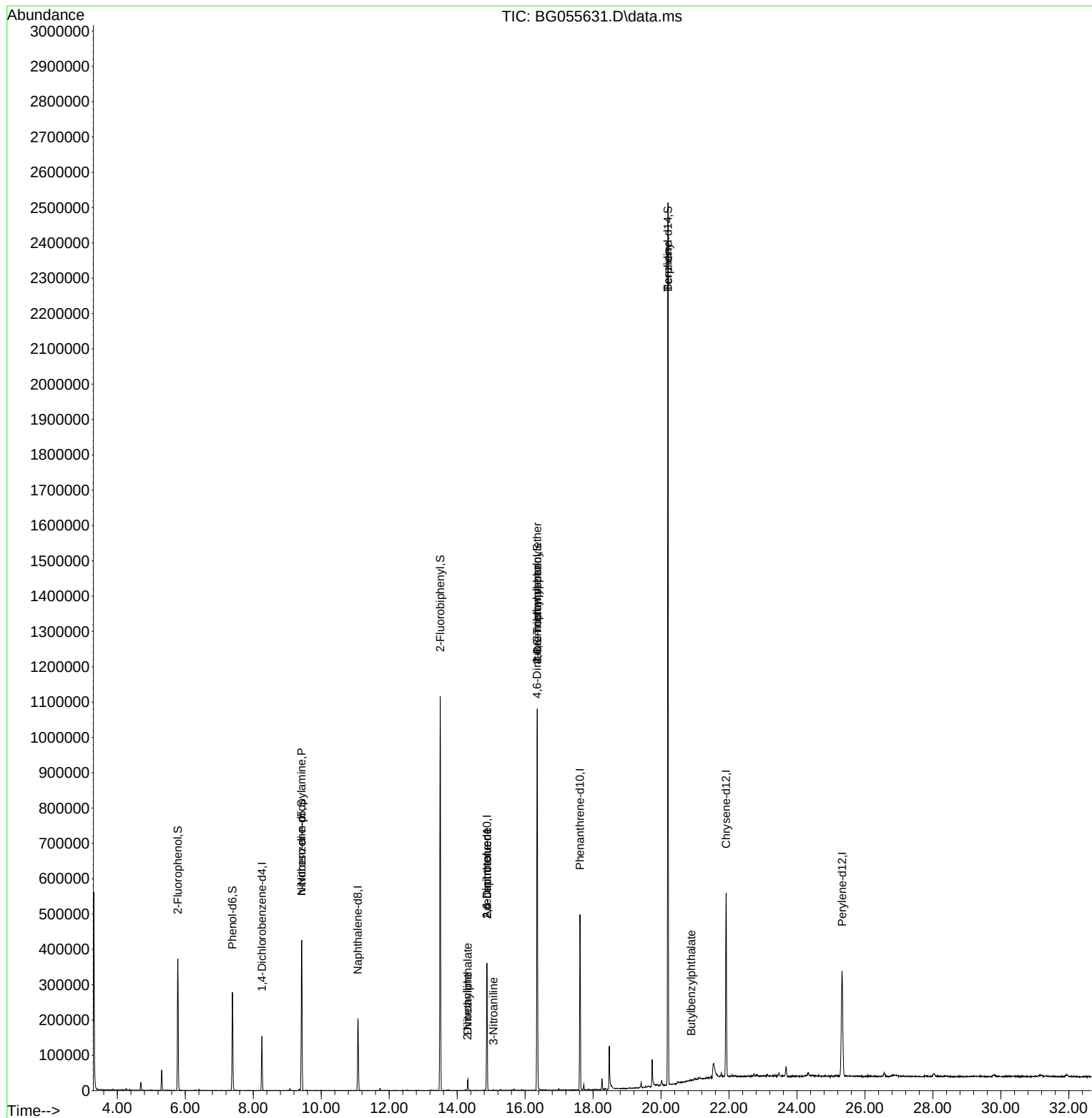
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.256	152	42864	20.000	ng	0.00
21) Naphthalene-d8	11.082	136	174569	20.000	ng	0.00
39) Acenaphthene-d10	14.878	164	127559	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	327247	20.000	ng	0.00
76) Chrysene-d12	21.916	240	321823	20.000	ng	0.00
86) Perylene-d12	25.330	264	338133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.782	112	158565	70.461	ng	0.00
7) Phenol-d6	7.386	99	159717	51.380	ng	-0.01
23) Nitrobenzene-d5	9.425	82	249490	96.886	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	224260	180.187	ng	0.00
45) 2-Fluorobiphenyl	13.503	172	581151	68.722	ng	0.00
79) Terphenyl-d14	20.207	244	1256419	78.415	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	9.425	70	33970	13.223	ng	# 75
48) 2-Nitroaniline	14.302	65	323	3.947	ng	# 1
50) Dimethylphthalate	14.313	163	21886	2.258	ng	# 99
51) 2,6-Dinitrotoluene	14.878	165	16788	12.358	ng	# 21
53) 3-Nitroaniline	15.071	138	188	3.863	ng	# 1
57) 2,4-Dinitrotoluene	14.878	165	16788	10.519	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.352	198	537	2.573	ng	# 1
67) 4-Bromophenyl-phenylether	16.358	248	14779	4.427	ng	# 1
77) Benzidine	20.207	184	19739	2.267	ng	# 90
80) Butylbenzylphthalate	20.888	149	820	3.456	ng	# 24

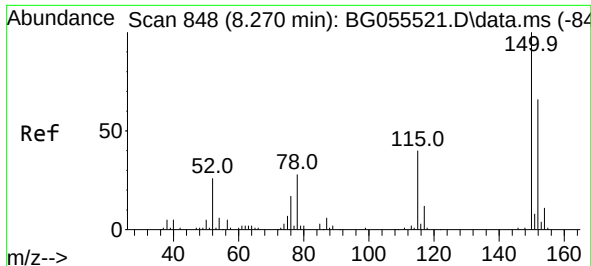
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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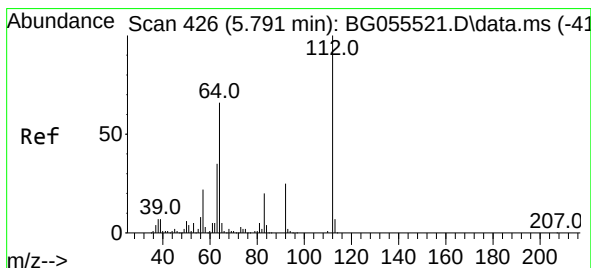
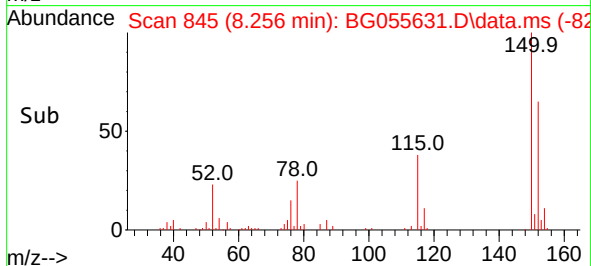
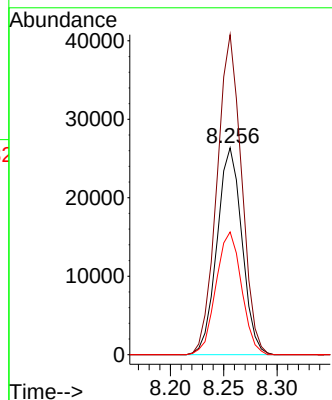
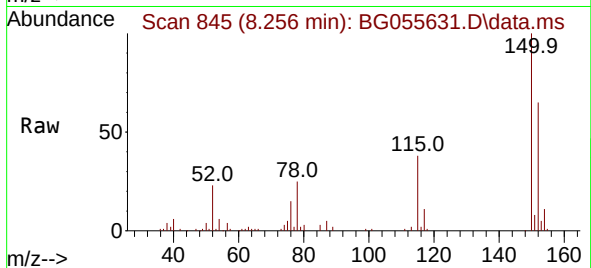




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.256 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

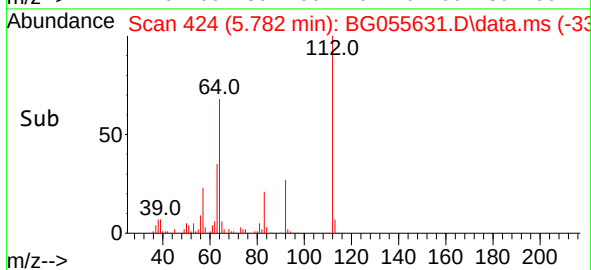
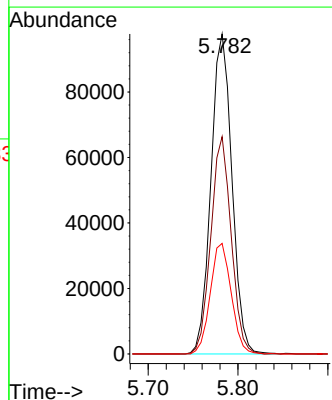
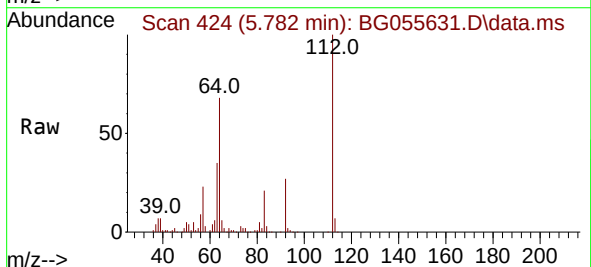
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BNA_G
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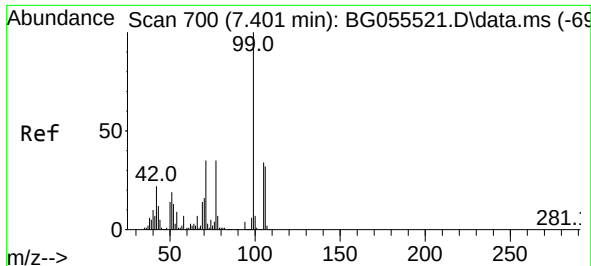
Tgt Ion:152 Resp: 42864
Ion Ratio Lower Upper
152 100
150 154.7 121.0 181.4
115 59.3 47.8 71.8



#5
2-Fluorophenol
Concen: 70.461 ng
RT: 5.782 min Scan# 424
Delta R.T. 0.001 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

Tgt Ion:112 Resp: 158565
Ion Ratio Lower Upper
112 100
64 67.9 52.6 78.8
63 34.6 28.3 42.5

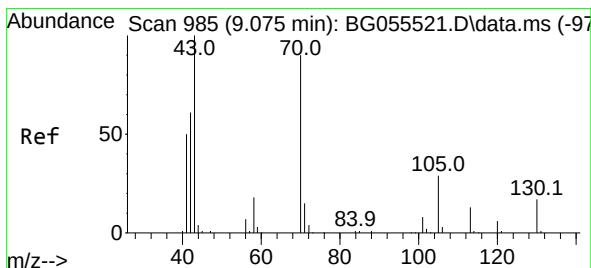
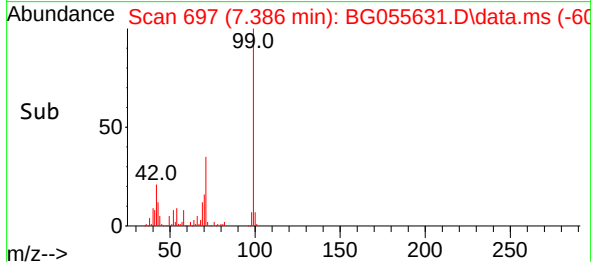
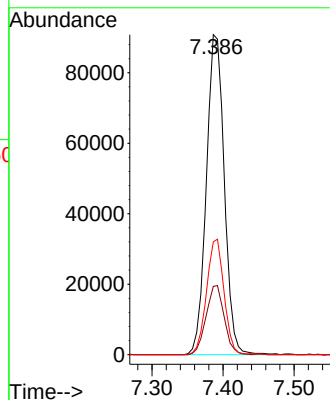
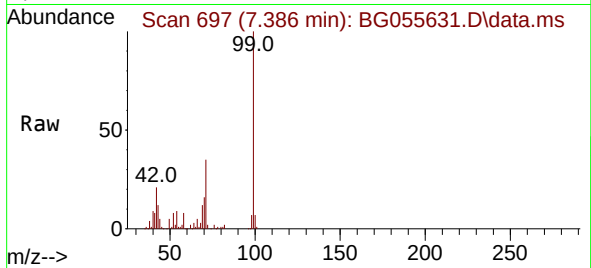




#7
Phenol-d6
Concen: 51.380 ng
RT: 7.386 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

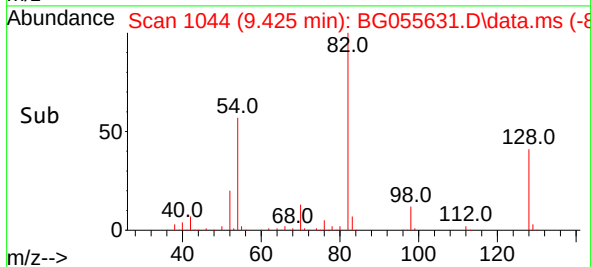
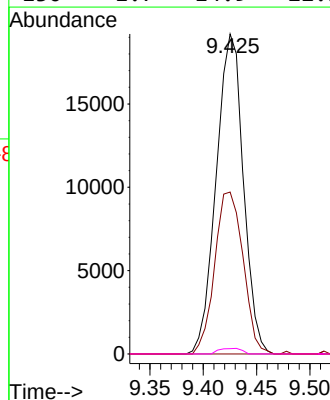
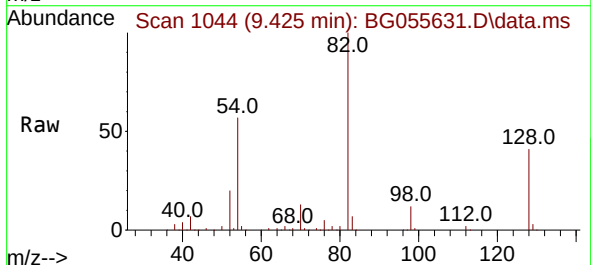
Instrument :
BNA_G
ClientSampleId :
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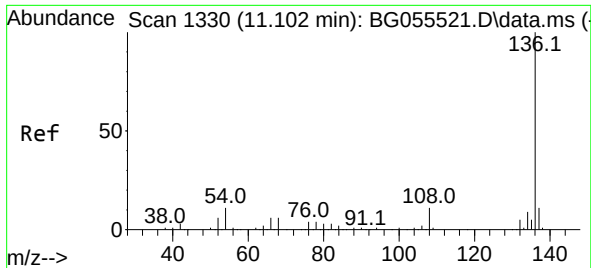
Tgt Ion: 99 Resp: 159717
Ion Ratio Lower Upper
99 100
42 21.3 17.5 26.3
71 35.2 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.223 ng
RT: 9.425 min Scan# 1044
Delta R.T. 0.359 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

Tgt Ion: 70 Resp: 33970
Ion Ratio Lower Upper
70 100
42 50.6 54.8 82.2#
101 0.0 6.8 10.2#
130 1.7 14.9 22.3#

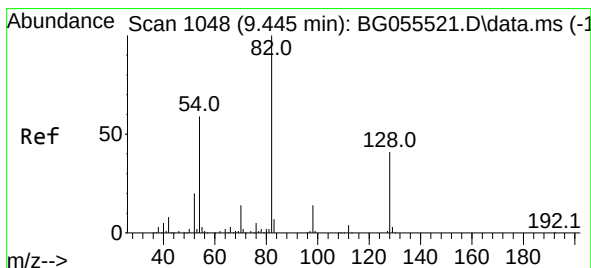
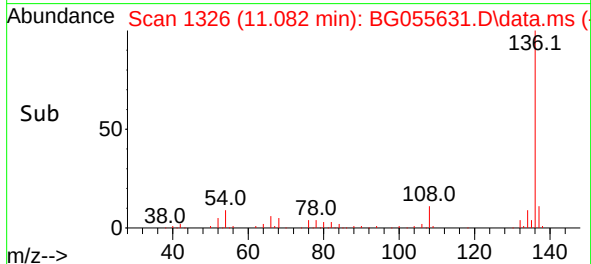
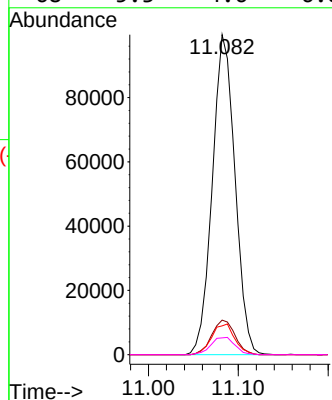
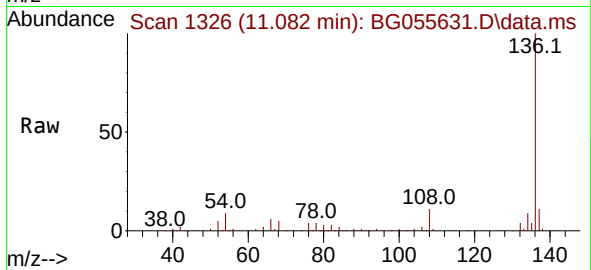




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.082 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

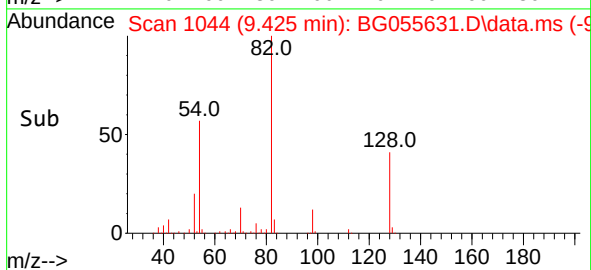
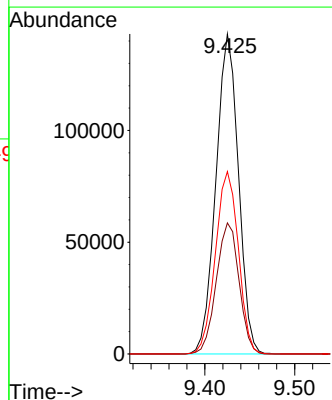
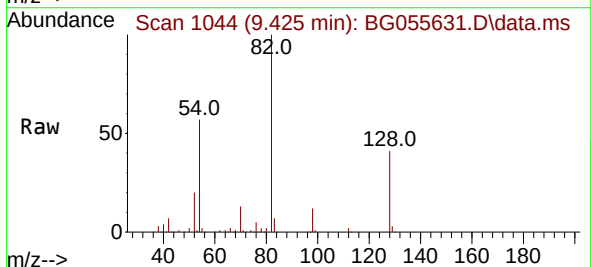
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221177-COMP-12-MODIFIED-ELUTRIATE

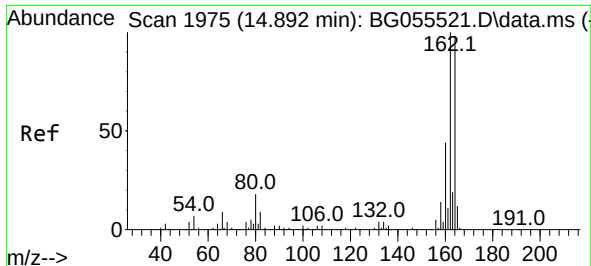
Tgt Ion:136 Resp: 174569
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.0 8.6 12.8
68 5.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 96.886 ng
RT: 9.425 min Scan# 1044
Delta R.T. -0.005 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

Tgt Ion: 82 Resp: 249490
Ion Ratio Lower Upper
82 100
128 41.0 32.6 49.0
54 57.0 47.3 70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.878 min Scan# 1975

Delta R.T. -0.005 min

Lab File: BG055631.D

Acq: 15 Nov 2022 21:09

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221177-COMP-12-MODIFIED-ELUTRIATE

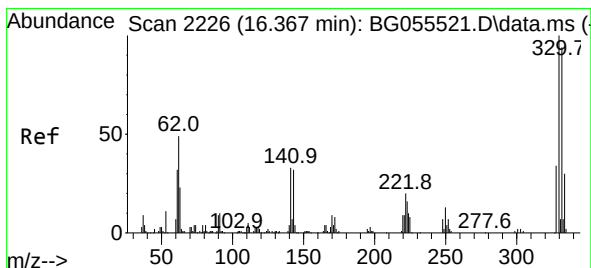
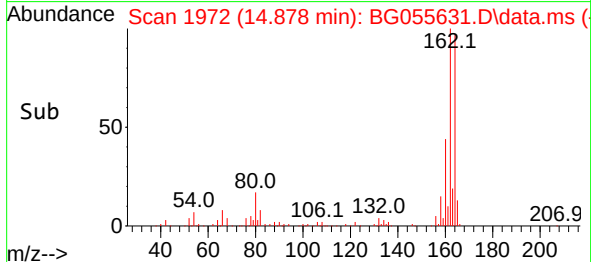
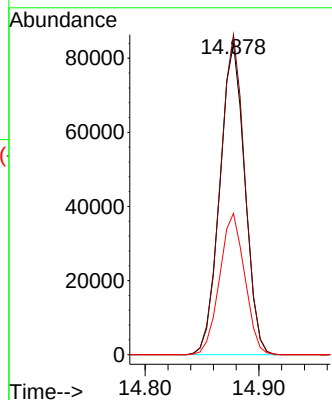
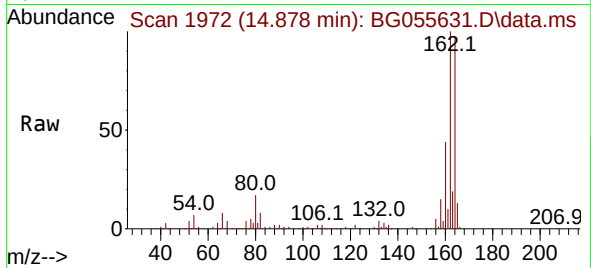
Tgt Ion:164 Resp: 127559

Ion Ratio Lower Upper

164 100

162 102.8 81.3 121.9

160 45.4 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 180.187 ng

RT: 16.358 min Scan# 2224

Delta R.T. -0.005 min

Lab File: BG055631.D

Acq: 15 Nov 2022 21:09

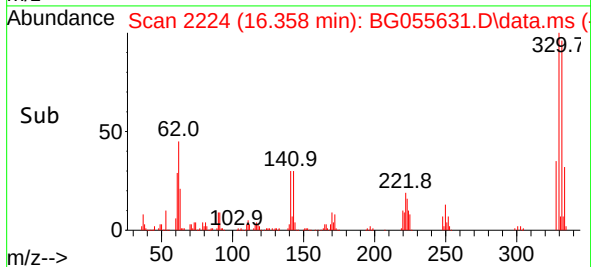
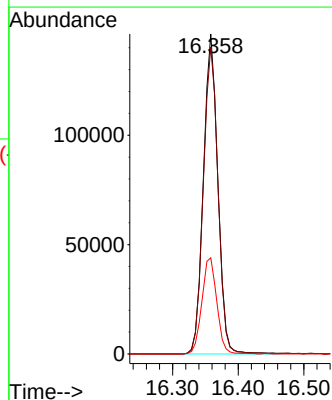
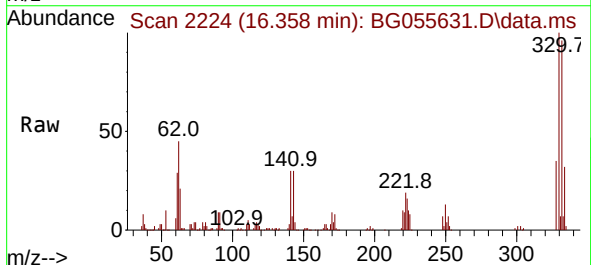
Tgt Ion:330 Resp: 224260

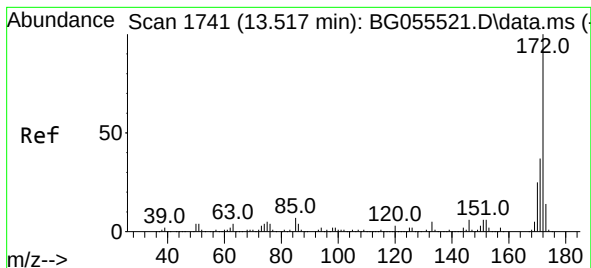
Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

141 31.0 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 68.722 ng

RT: 13.503 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG055631.D

Acq: 15 Nov 2022 21:09

Instrument :

BNA_G

ClientSampleId :

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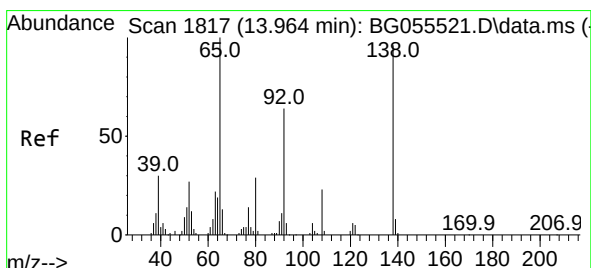
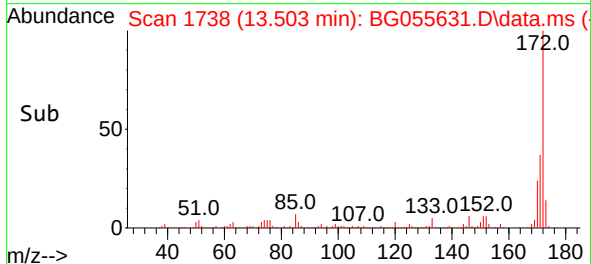
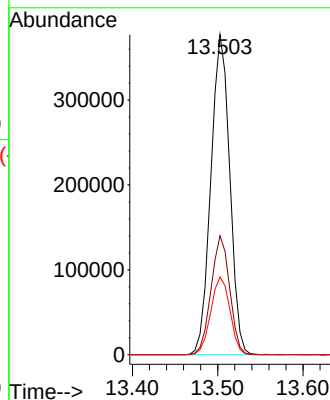
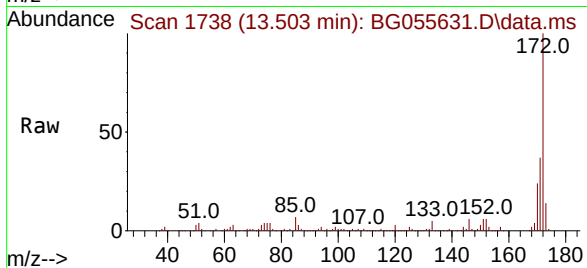
Tgt Ion:172 Resp: 581151

Ion Ratio Lower Upper

172 100

171 37.2 29.7 44.5

170 24.2 19.8 29.6



#48

2-Nitroaniline

Concen: 3.947 ng

RT: 14.302 min Scan# 1874

Delta R.T. 0.342 min

Lab File: BG055631.D

Acq: 15 Nov 2022 21:09

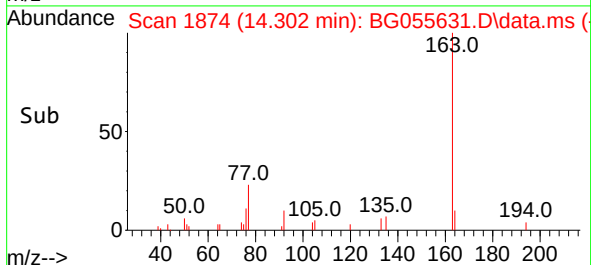
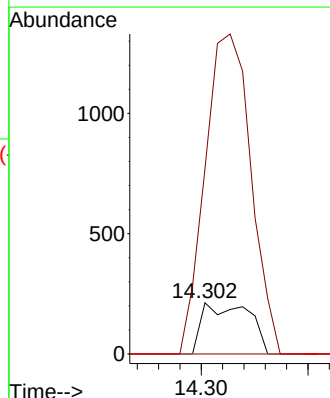
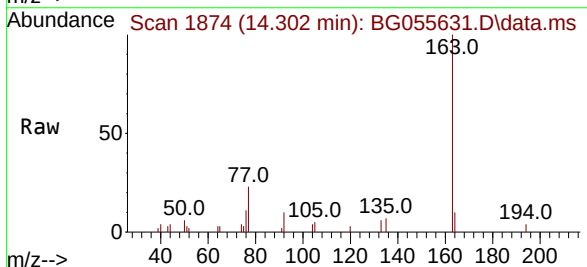
Tgt Ion: 65 Resp: 323

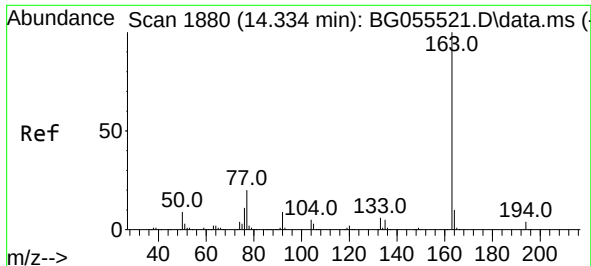
Ion Ratio Lower Upper

65 100

92 362.0 51.6 77.4#

138 0.0 77.0 115.4#

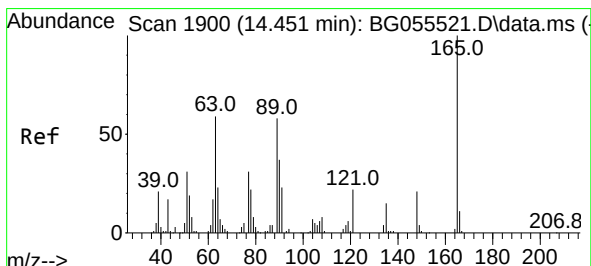
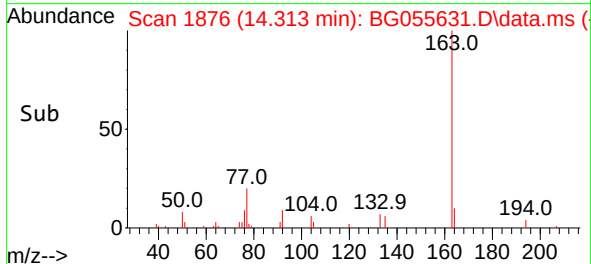
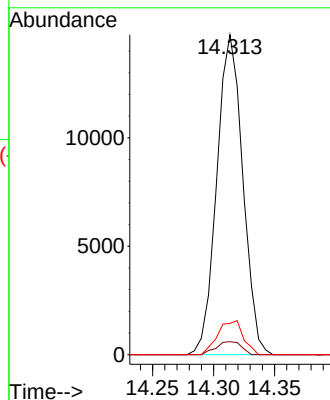
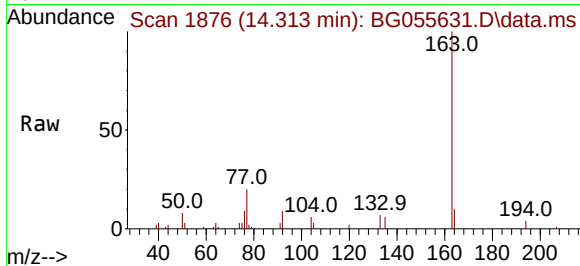




#50
Dimethylphthalate
Concen: 2.258 ng
RT: 14.313 min Scan# 1880
Delta R.T. -0.011 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

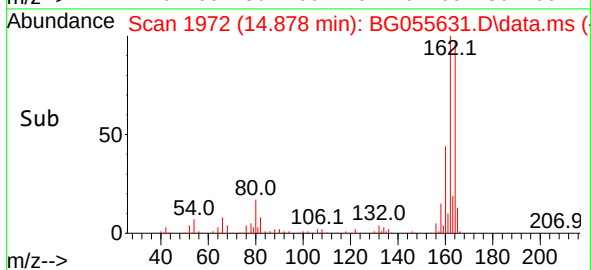
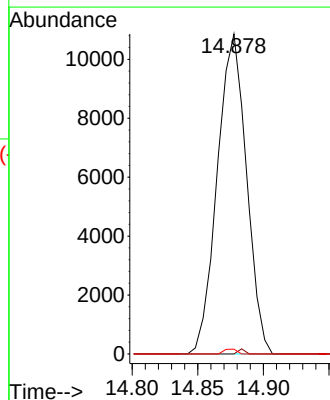
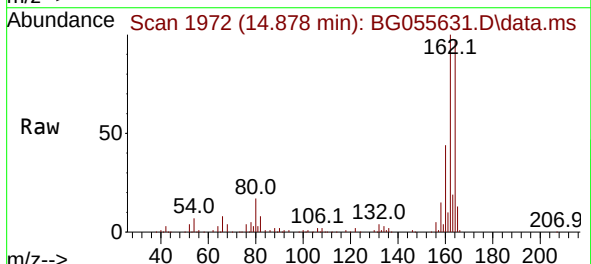
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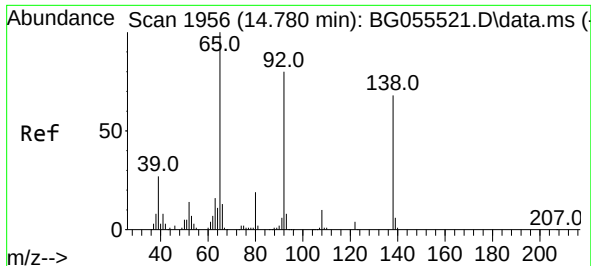
Tgt Ion:163 Resp: 21886
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.8 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 12.358 ng
RT: 14.878 min Scan# 1972
Delta R.T. 0.430 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

Tgt Ion:165 Resp: 16788
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.5 46.5 69.7#

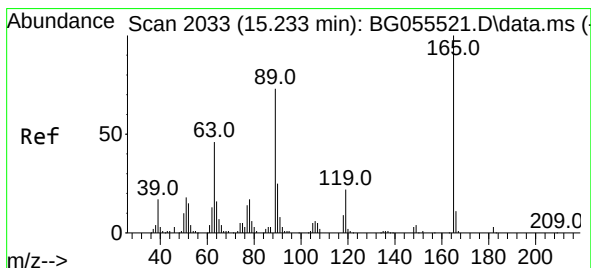
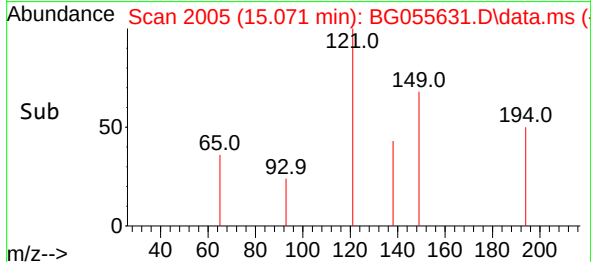
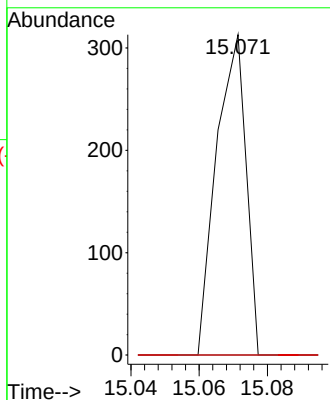
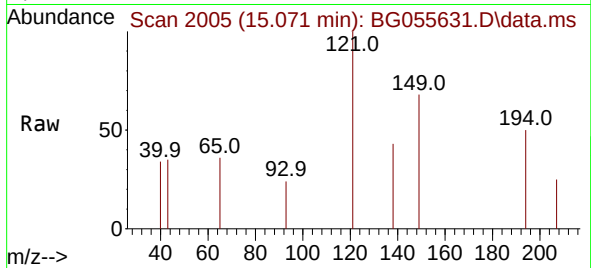




#53
3-Nitroaniline
Concen: 3.863 ng
RT: 15.071 min Scan# 20
Delta R.T. 0.295 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

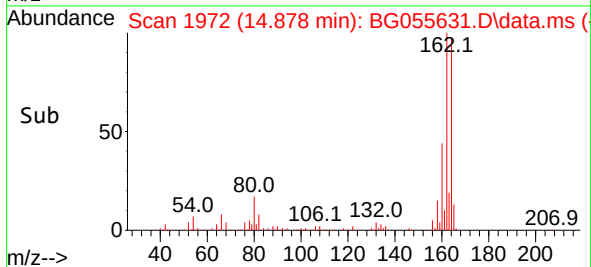
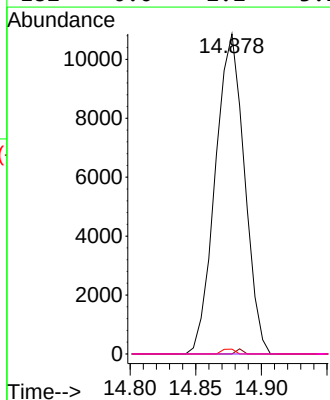
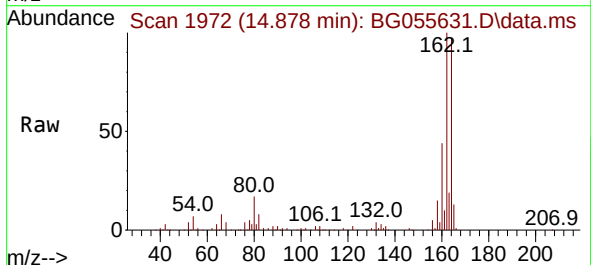
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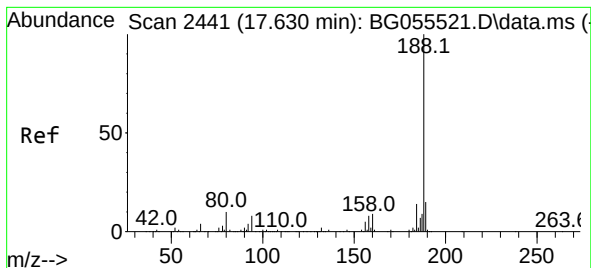
Tgt Ion:138 Resp: 188
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 94.3 141.5#



#57
2,4-Dinitrotoluene
Concen: 10.519 ng
RT: 14.878 min Scan# 1972
Delta R.T. -0.351 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

Tgt Ion:165 Resp: 16788
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 1.5 58.6 87.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.615 min Scan# 2441

Delta R.T. -0.005 min

Lab File: BG055631.D

Acq: 15 Nov 2022 21:09

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221177-COMP-12-MODIFIED-ELUTRIATE

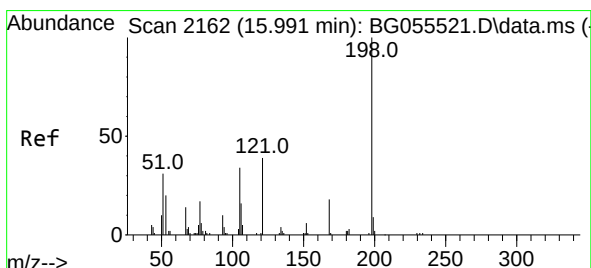
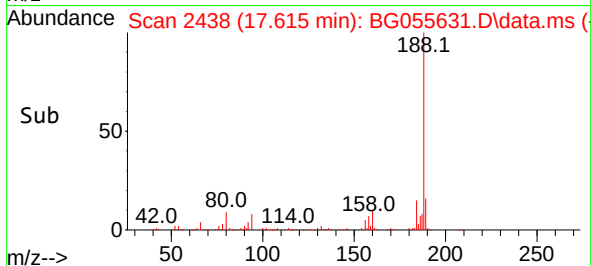
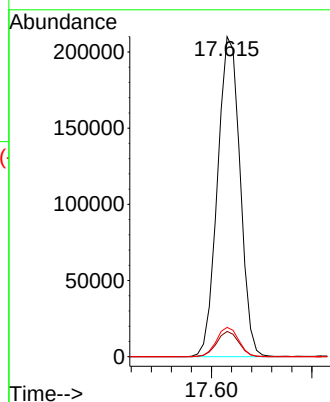
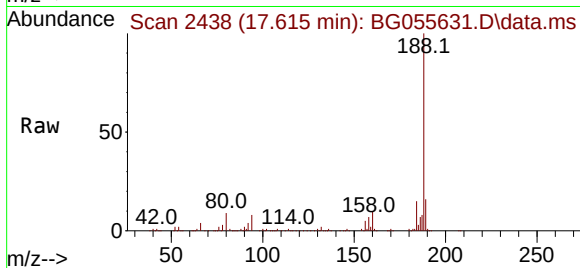
Tgt Ion:188 Resp: 327247

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 9.1 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.573 ng

RT: 16.352 min Scan# 2223

Delta R.T. 0.359 min

Lab File: BG055631.D

Acq: 15 Nov 2022 21:09

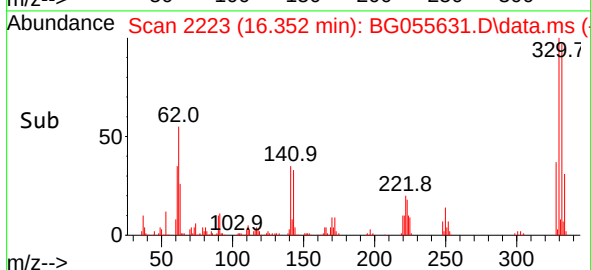
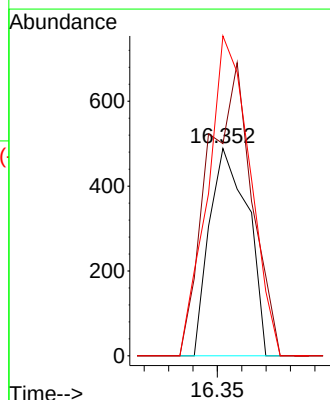
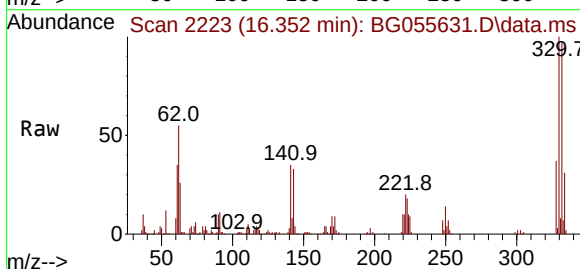
Tgt Ion:198 Resp: 537

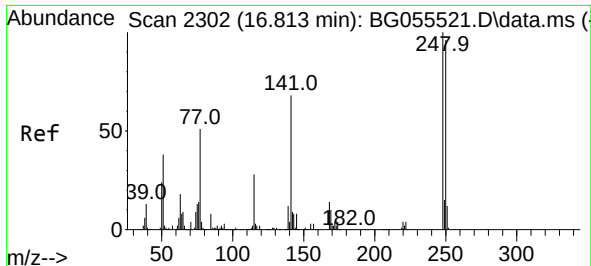
Ion Ratio Lower Upper

198 100

51 102.2 24.7 64.7#

105 154.2 17.6 57.6#

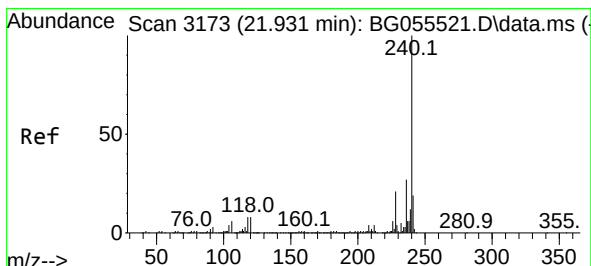
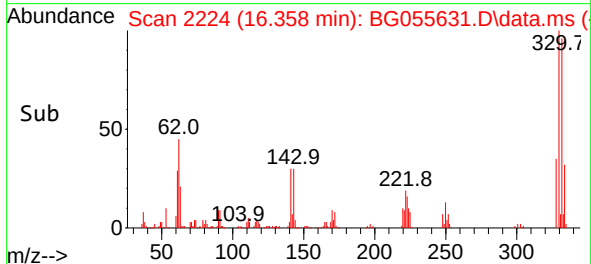
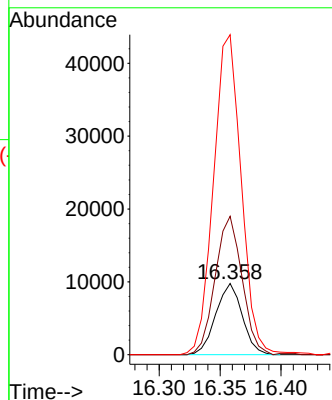
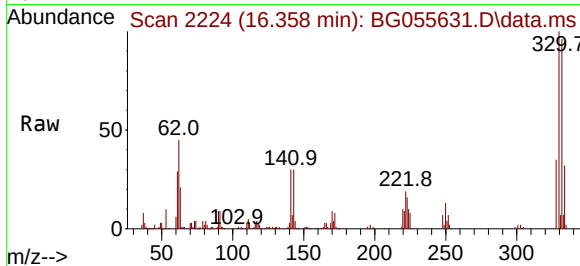




#67
4-Bromophenyl-phenylether
Concen: 4.427 ng
RT: 16.358 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

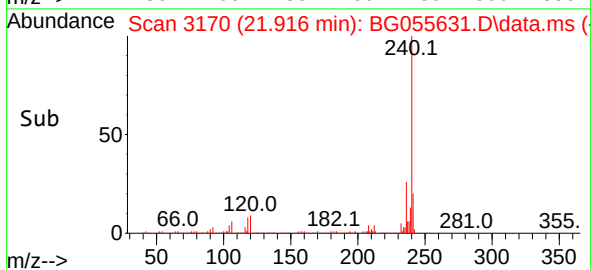
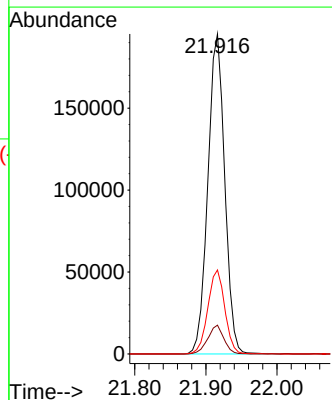
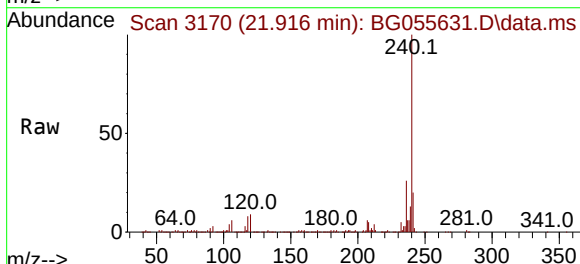
Instrument :
BNA_G
ClientSampleId :
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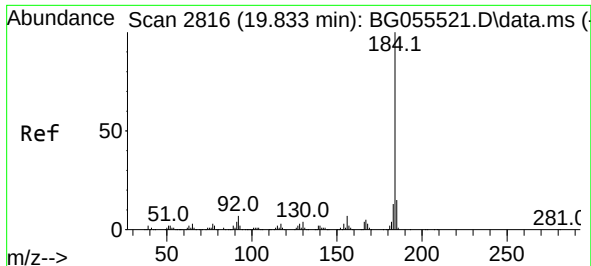
Tgt Ion:248 Resp: 14779
Ion Ratio Lower Upper
248 100
250 194.3 76.9 115.3#
141 449.0 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3170
Delta R.T. -0.005 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

Tgt Ion:240 Resp: 321823
Ion Ratio Lower Upper
240 100
120 9.0 6.1 9.1
236 26.3 21.4 32.0

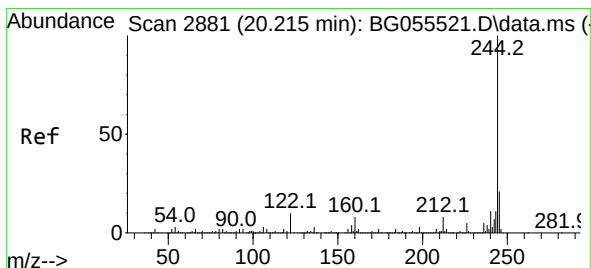
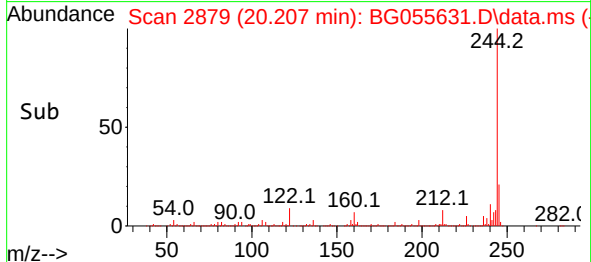
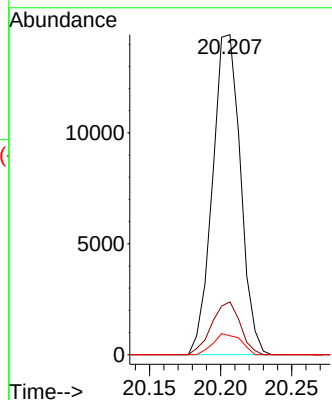
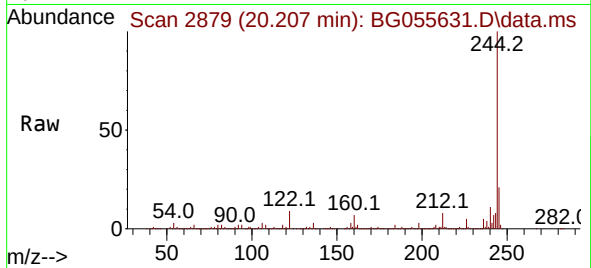




#77
Benzidine
Concen: 2.267 ng
RT: 20.207 min Scan# 2879
Delta R.T. 0.377 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

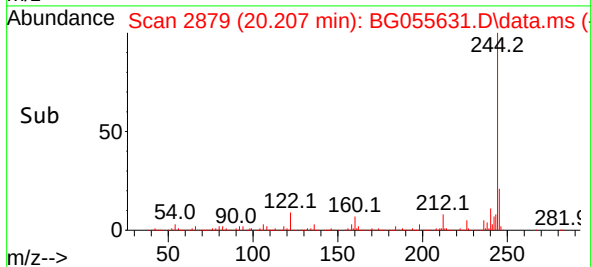
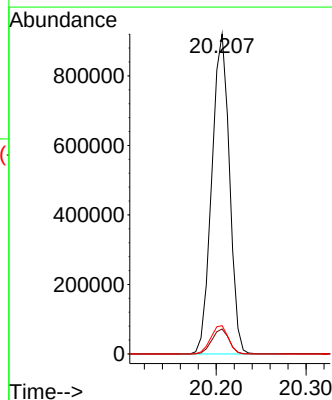
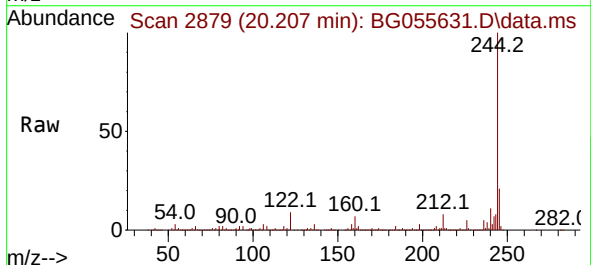
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221177-COMP-12-MODIFIED-ELUTRIATE

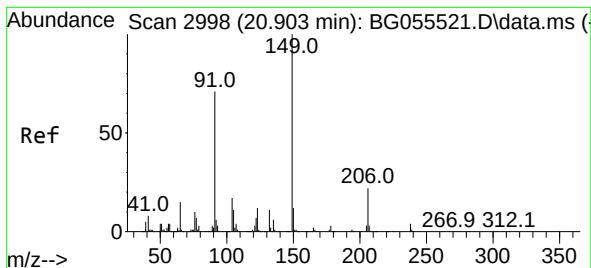
Tgt Ion:184 Resp: 19739
Ion Ratio Lower Upper
184 100
185 16.5 12.0 18.0
183 5.9 10.2 15.2#



#79
Terphenyl-d14
Concen: 78.415 ng
RT: 20.207 min Scan# 2879
Delta R.T. -0.005 min
Lab File: BG055631.D
Acq: 15 Nov 2022 21:09

Tgt Ion:244 Resp: 1256419
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 8.9 7.7 11.5





#80

Butylbenzylphthalate

Concen: 3.456 ng

RT: 20.888 min Scan# 2998

Delta R.T. -0.005 min

Lab File: BG055631.D

Acq: 15 Nov 2022 21:09

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221177-COMP-12-MODIFIED-ELUTRIATE

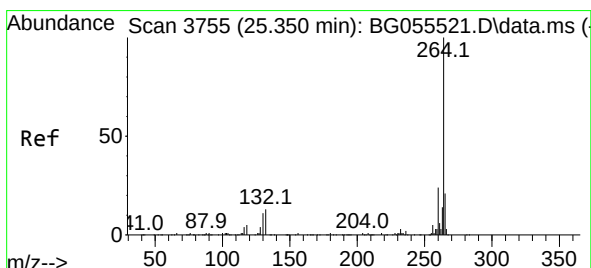
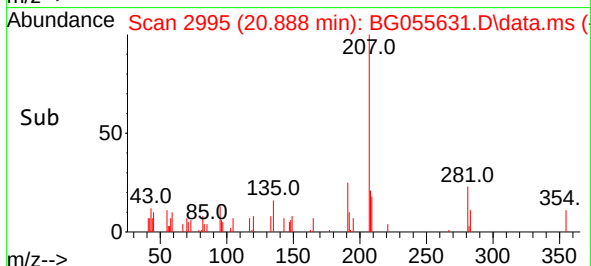
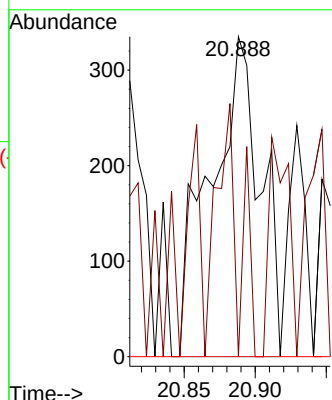
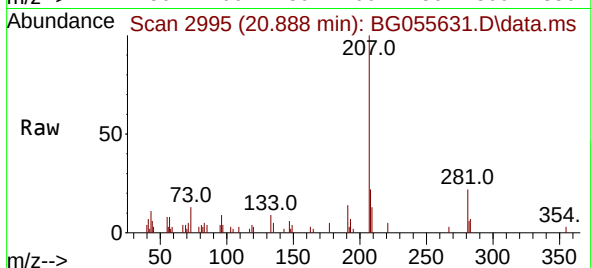
Tgt Ion:149 Resp: 820

Ion Ratio Lower Upper

149 100

91 0.0 56.8 85.2#

206 0.0 17.3 25.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.330 min Scan# 3751

Delta R.T. -0.005 min

Lab File: BG055631.D

Acq: 15 Nov 2022 21:09

Tgt Ion:264 Resp: 338133

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.0 17.1 25.7

