

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055453.D
 Acq On : 4 Nov 2022 14:16
 Operator : CG/JU
 Sample : N5306-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DISSOLVED-20221168-COMP-03-MODIFIED-ELUTRIATE

Quant Time: Nov 05 00:02:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 05:28:43 2022
 Response via : Initial Calibration

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

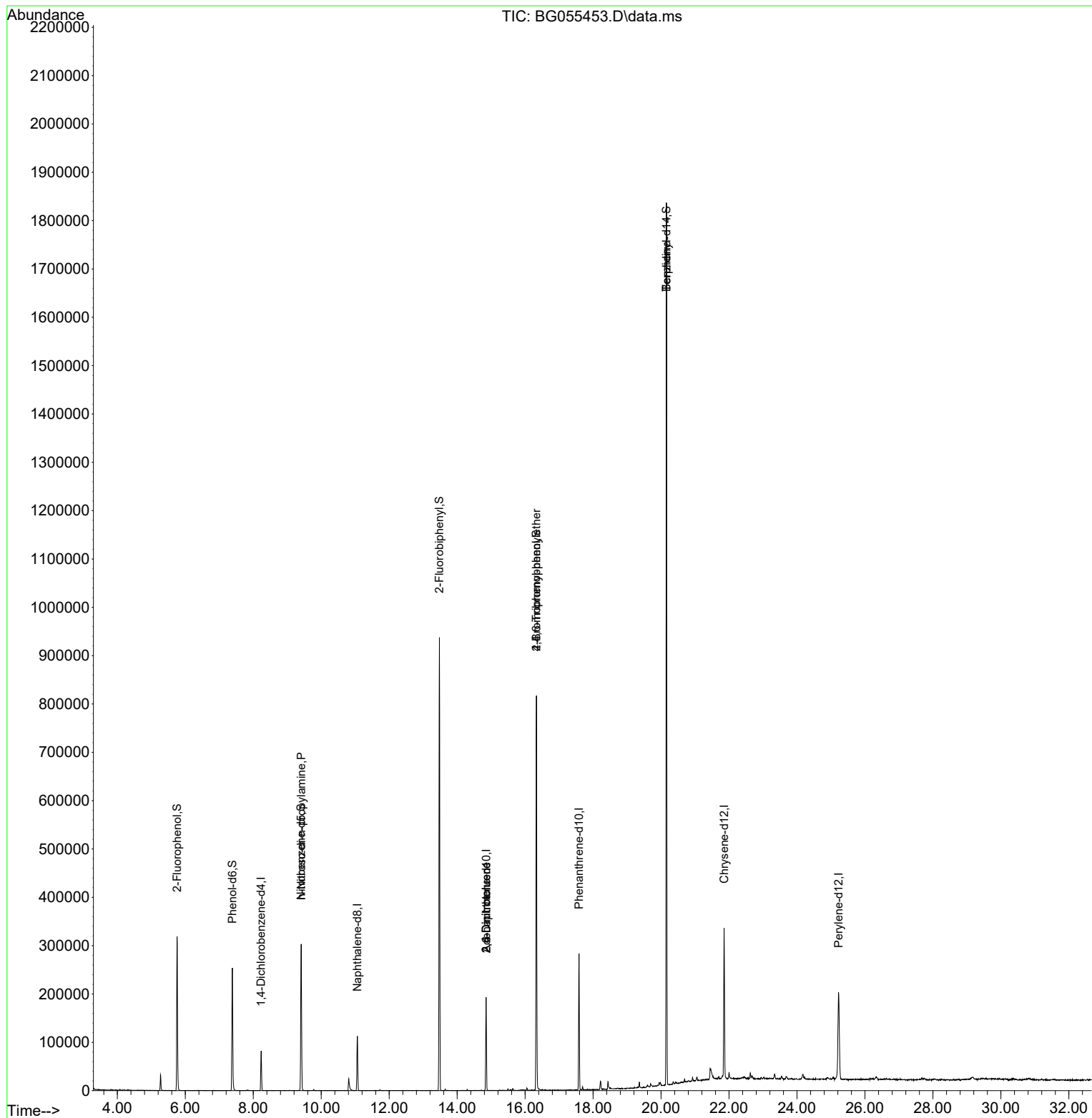
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	25080	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	99639	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	70604	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	178288	20.000	ng	0.00
76) Chrysene-d12	21.855	240	195403	20.000	ng	0.00
86) Perylene-d12	25.221	264	210808	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	152877	109.467	ng	0.00
7) Phenol-d6	7.384	99	162660	83.990	ng	0.00
23) Nitrobenzene-d5	9.405	82	195240	104.430	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	179885	186.786	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	496498	104.263	ng	0.00
79) Terphenyl-d14	20.157	244	920922	91.645	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.411	70	25999	17.180	ng	# 76
51) 2,6-Dinitrotoluene	14.851	165	9274	7.517	ng	# 27
57) 2,4-Dinitrotoluene	14.851	165	9274	5.257	ng	# 25
67) 4-Bromophenyl-phenylether	16.332	248	11326	5.374	ng	# 1
77) Benzidine	20.157	184	13326	3.276	ng	# 93

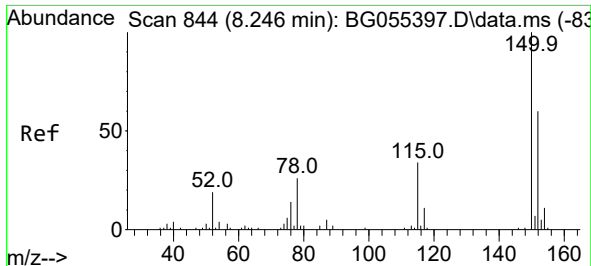
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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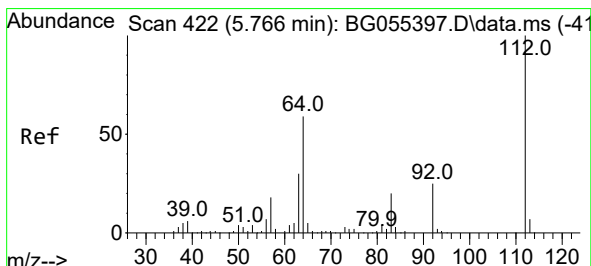
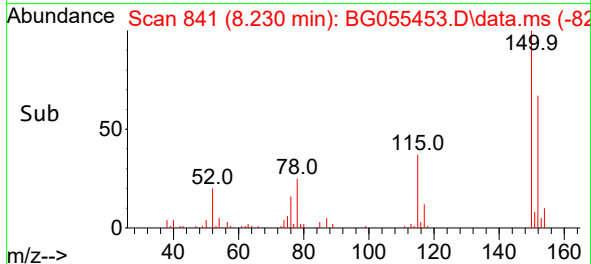
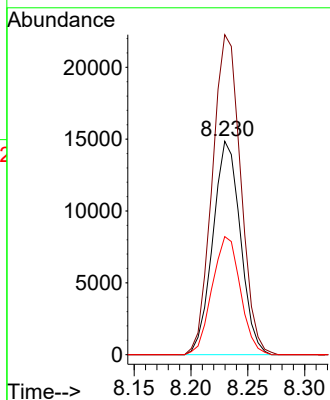
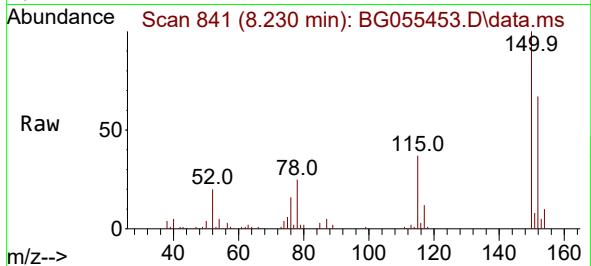




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.230 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

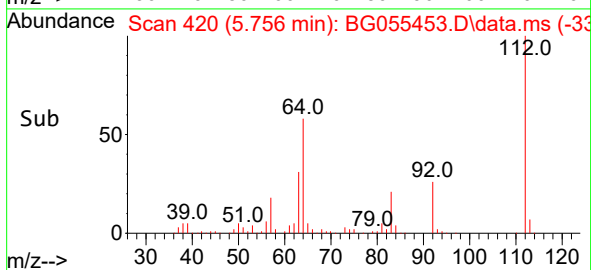
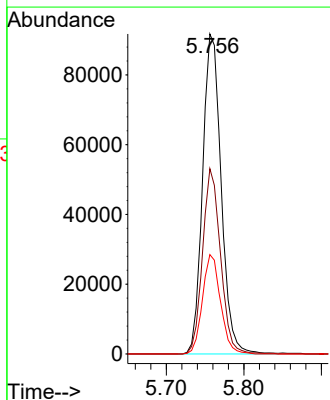
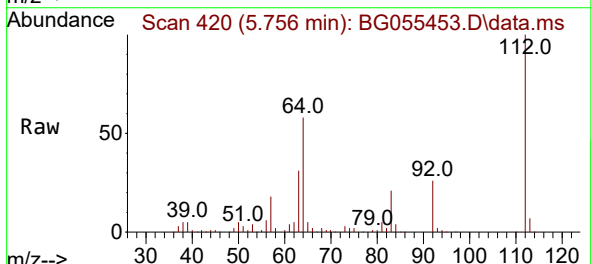
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221168-COMP-03-MODIFIED-ELUTRIATE

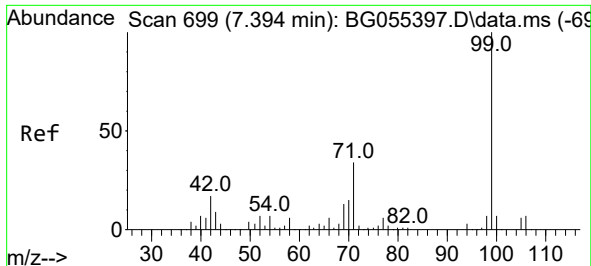
Tgt Ion:152 Resp: 25080
Ion Ratio Lower Upper
152 100
150 149.9 132.8 199.2
115 55.3 45.1 67.7



#5
2-Fluorophenol
Concen: 109.467 ng
RT: 5.756 min Scan# 420
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

Tgt Ion:112 Resp: 152877
Ion Ratio Lower Upper
112 100
64 57.9 47.2 70.8
63 31.0 24.3 36.5

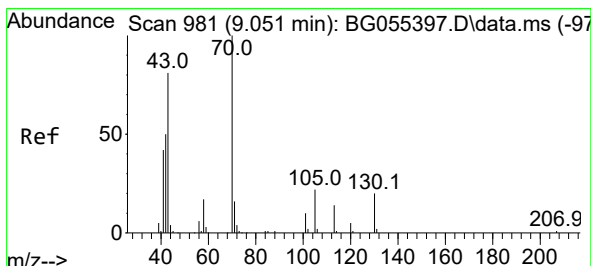
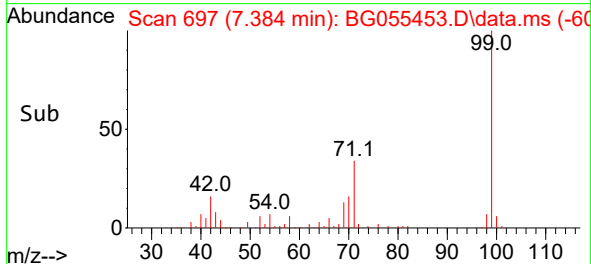
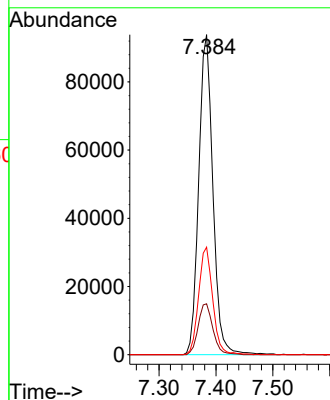
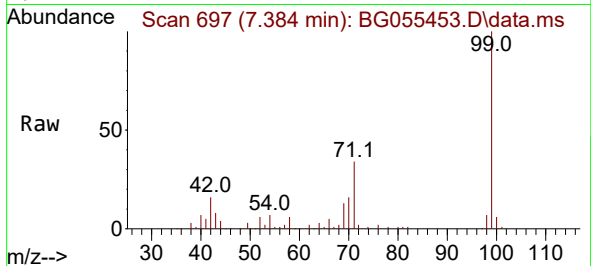




#7
Phenol-d6
Concen: 83.990 ng
RT: 7.384 min Scan# 699
Delta R.T. -0.000 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

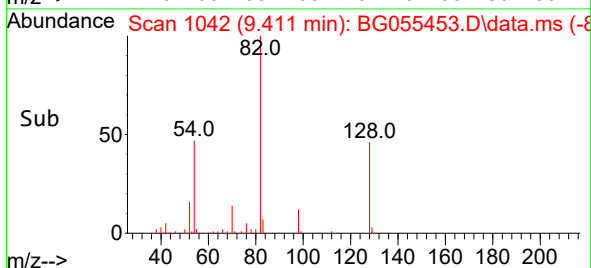
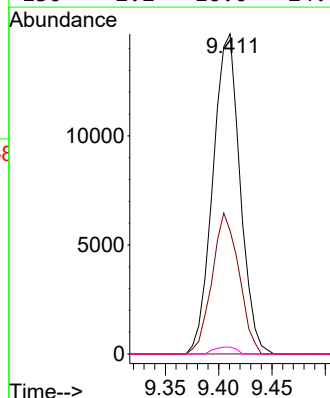
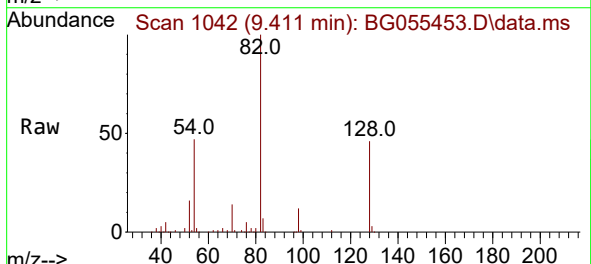
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221168-COMP-03-MODIFIED-ELUTRIATE

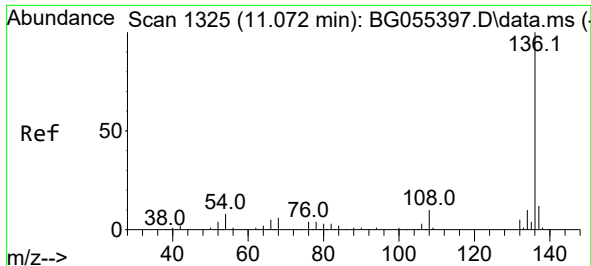
Tgt Ion: 99 Resp: 162660
Ion Ratio Lower Upper
99 100
42 15.9 13.5 20.3
71 33.6 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.180 ng
RT: 9.411 min Scan# 1042
Delta R.T. 0.370 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

Tgt Ion: 70 Resp: 25999
Ion Ratio Lower Upper
70 100
42 38.5 40.6 61.0#
101 0.0 7.8 11.6#
130 2.2 16.0 24.0#

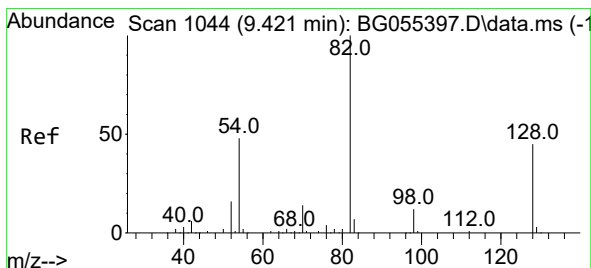
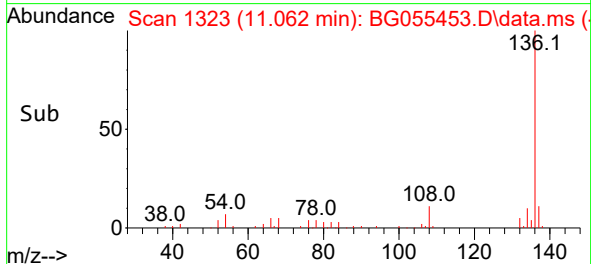
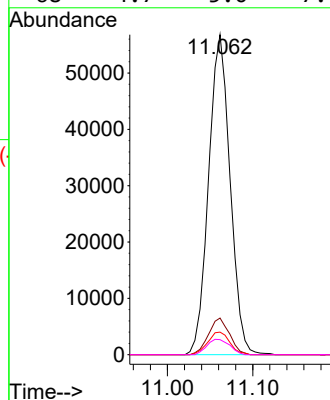
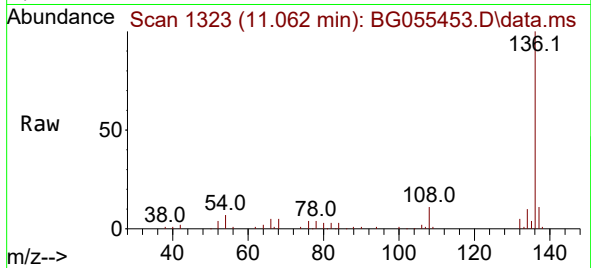




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

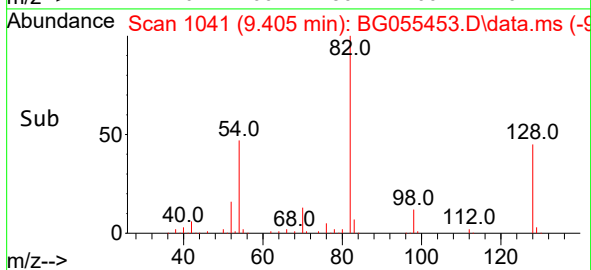
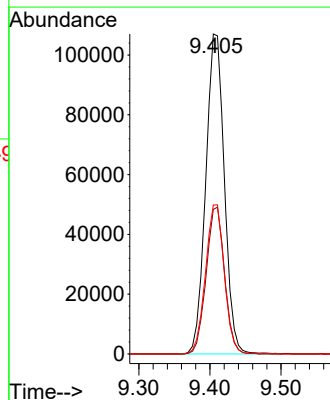
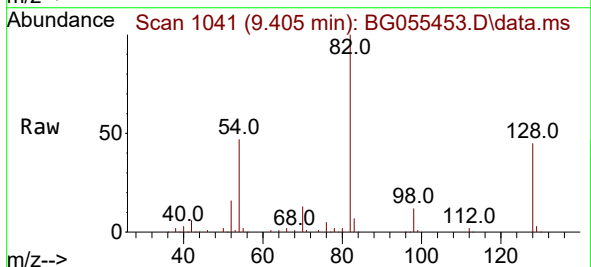
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221168-COMP-03-MODIFIED-ELUTRIATE

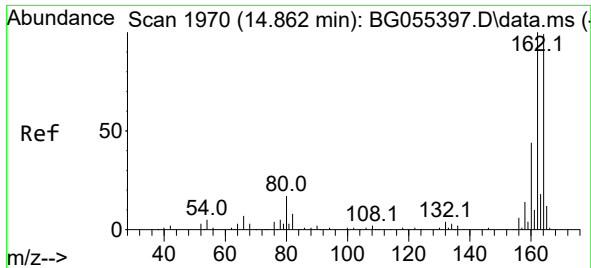
Tgt Ion:136 Resp: 99639
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 7.1 6.1 9.1
68 4.7 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 104.430 ng
RT: 9.405 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

Tgt Ion: 82 Resp: 195240
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.8
54 46.5 38.1 57.1

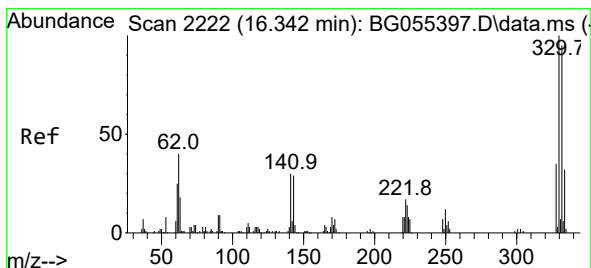
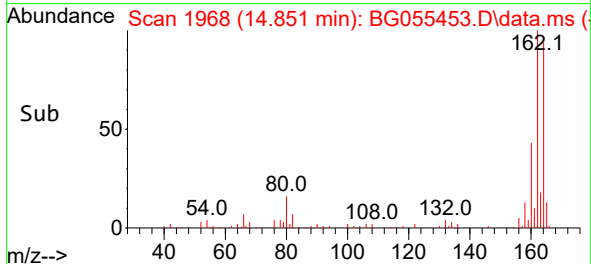
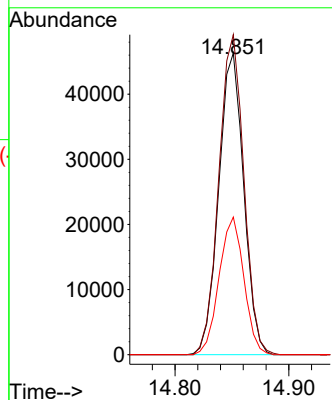
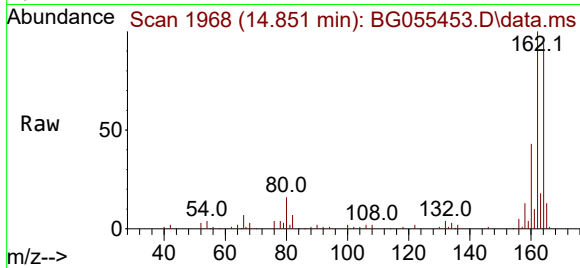




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

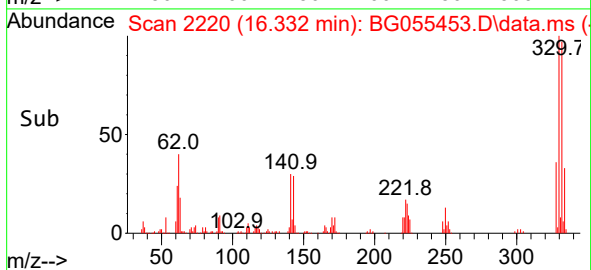
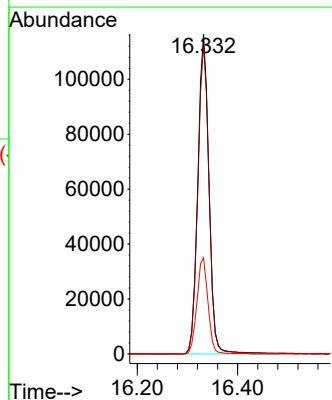
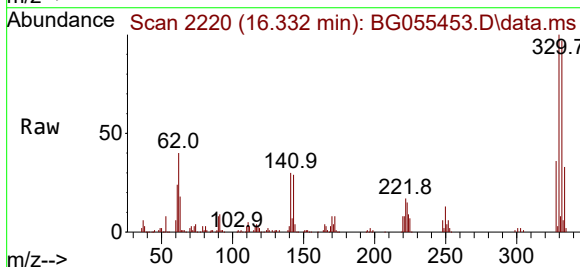
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221168-COMP-03-MODIFIED-ELUTRIATE

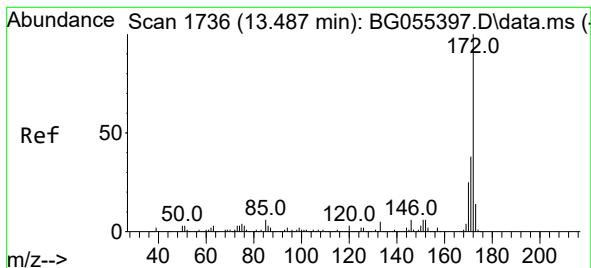
Tgt Ion:164 Resp: 70604
Ion Ratio Lower Upper
164 100
162 106.1 81.1 121.7
160 45.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 186.786 ng
RT: 16.332 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

Tgt Ion:330 Resp: 179885
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 29.6 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 104.263 ng

RT: 13.476 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG055453.D

Acq: 4 Nov 2022 14:16

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221168-COMP-03-MODIFIED-ELUTRIATE

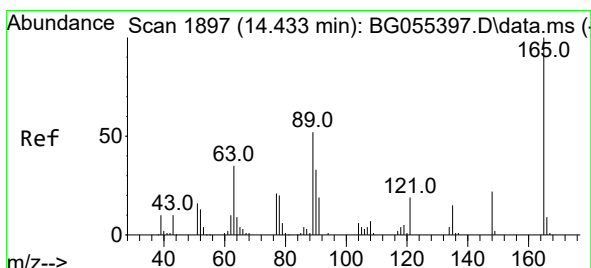
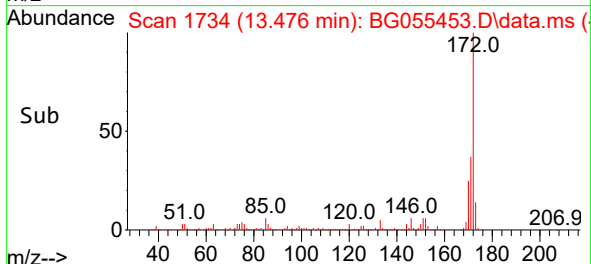
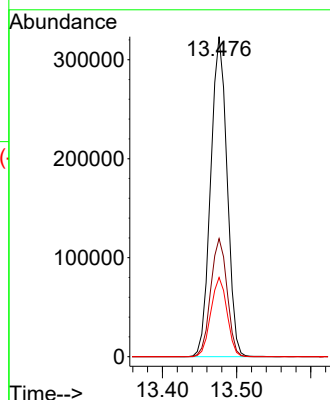
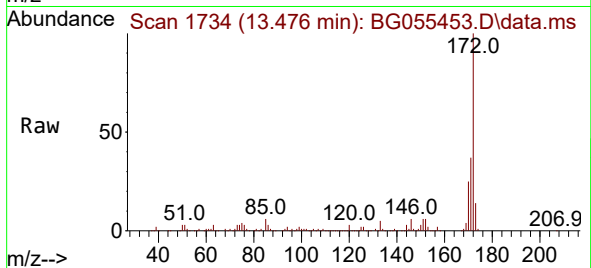
Tgt Ion:172 Resp: 496498

Ion Ratio Lower Upper

172 100

171 36.9 30.2 45.2

170 24.7 20.2 30.2



#51

2,6-Dinitrotoluene

Concen: 7.517 ng

RT: 14.851 min Scan# 1968

Delta R.T. 0.429 min

Lab File: BG055453.D

Acq: 4 Nov 2022 14:16

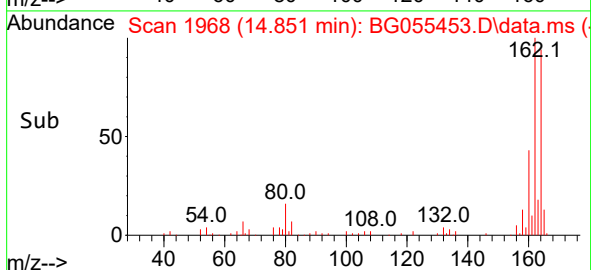
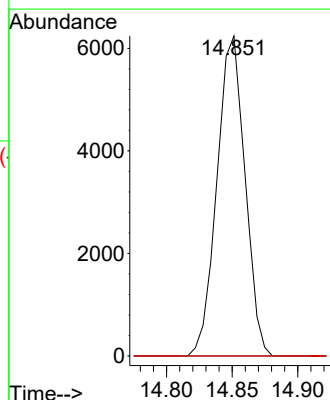
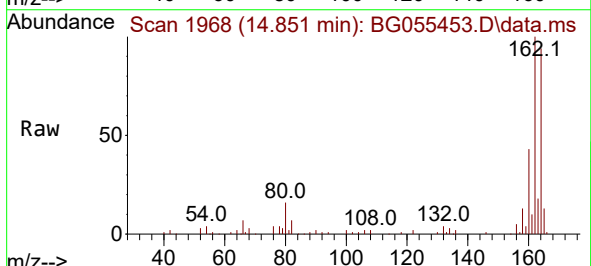
Tgt Ion:165 Resp: 9274

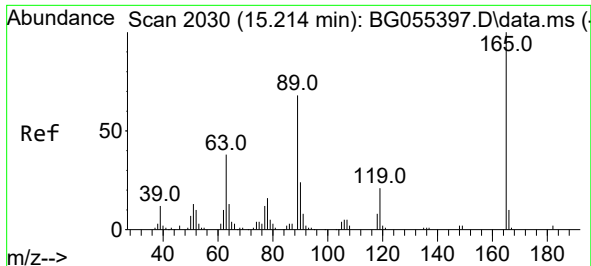
Ion Ratio Lower Upper

165 100

63 0.0 38.2 57.4#

89 0.0 41.8 62.6#





#57

2,4-Dinitrotoluene

Concen: 5.257 ng

RT: 14.851 min Scan# 1968

Delta R.T. -0.358 min

Lab File: BG055453.D

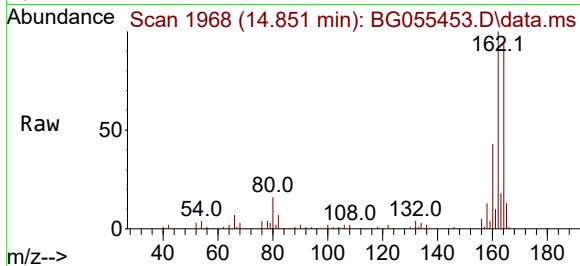
Acq: 4 Nov 2022 14:16

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221168-COMP-03-MODIFIED-ELUTRIATE



Tgt Ion:165 Resp: 9274

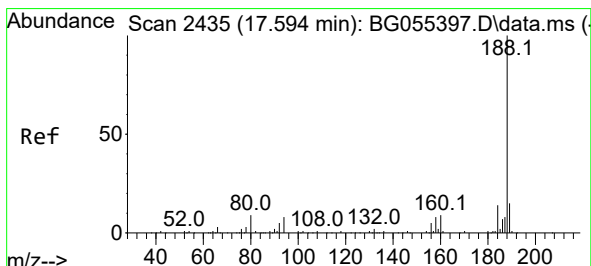
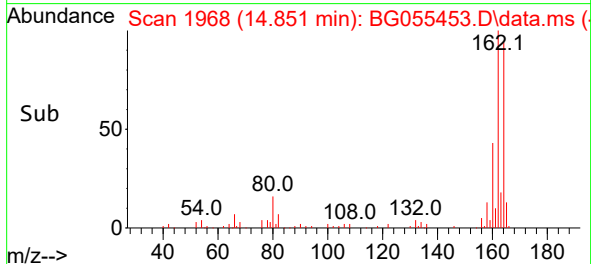
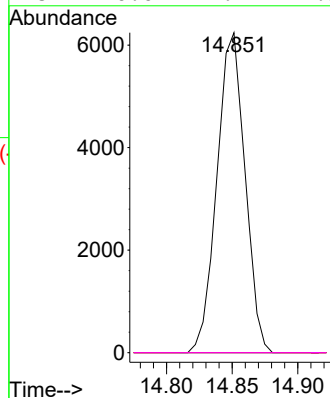
Ion Ratio Lower Upper

165 100

63 0.0 30.8 46.2#

89 0.0 54.5 81.7#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.583 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BG055453.D

Acq: 4 Nov 2022 14:16

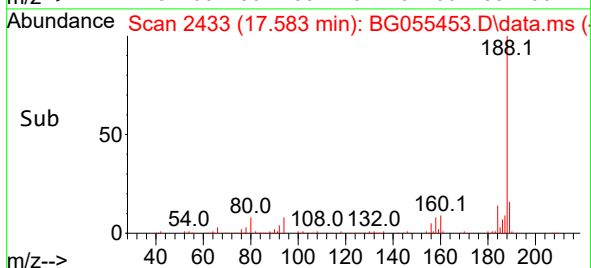
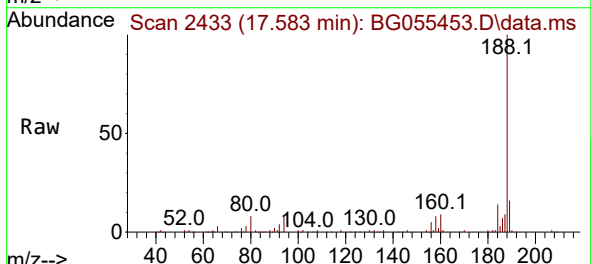
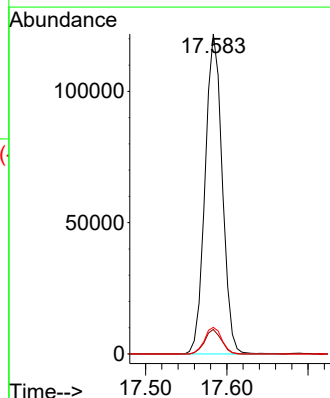
Tgt Ion:188 Resp: 178288

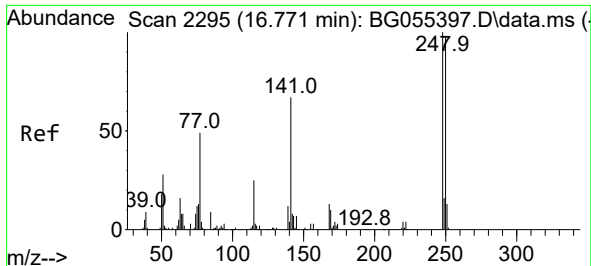
Ion Ratio Lower Upper

188 100

94 7.7 6.5 9.7

80 8.3 7.4 11.0

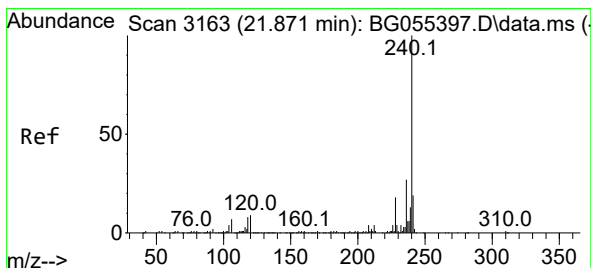
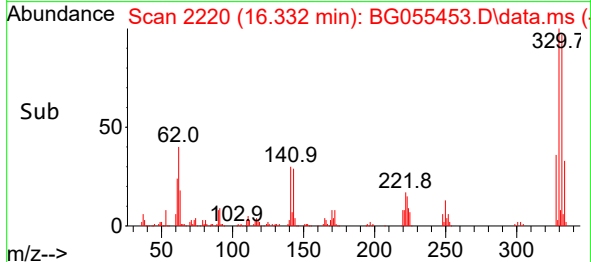
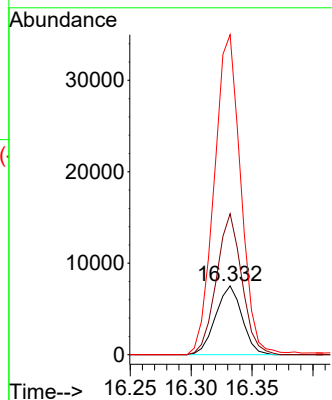
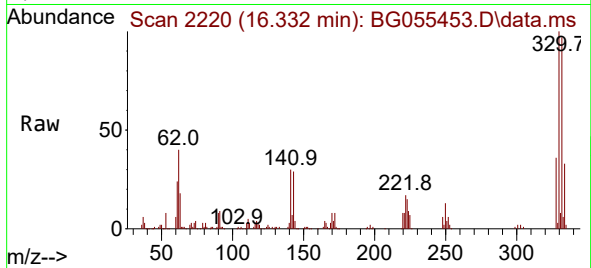




#67
4-Bromophenyl-phenylether
Concen: 5.374 ng
RT: 16.332 min Scan# 211
Delta R.T. -0.435 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

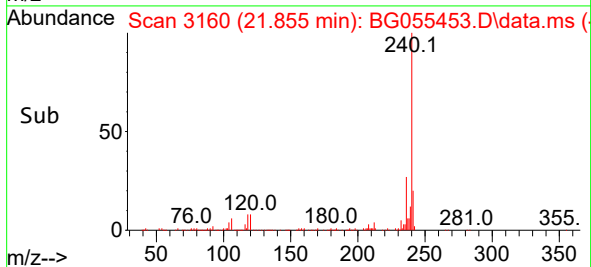
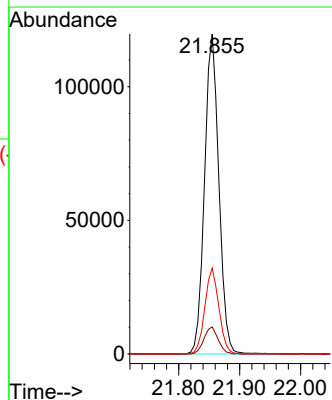
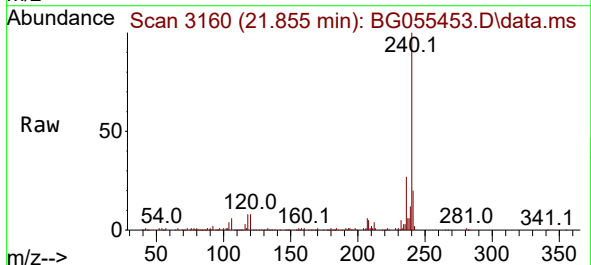
Instrument :
BNA_G
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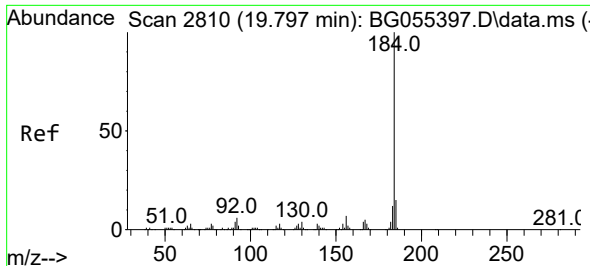
Tgt Ion:248 Resp: 11326
Ion Ratio Lower Upper
248 100
250 205.0 78.3 117.5#
141 465.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.855 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

Tgt Ion:240 Resp: 195403
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 26.8 21.5 32.3

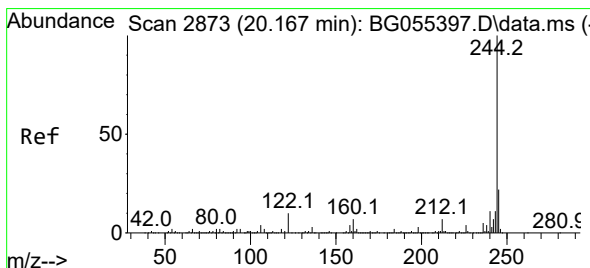
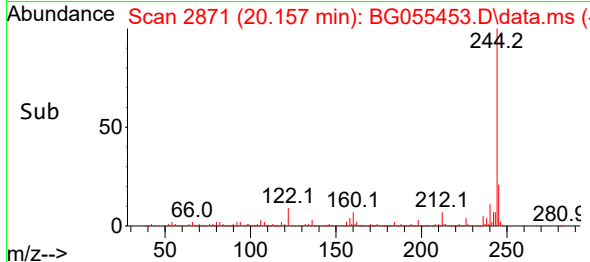
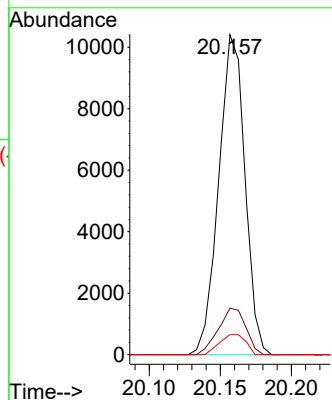
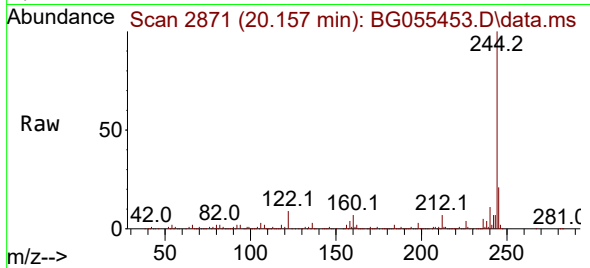




#77
Benzidine
Concen: 3.276 ng
RT: 20.157 min Scan# 2871
Delta R.T. 0.364 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

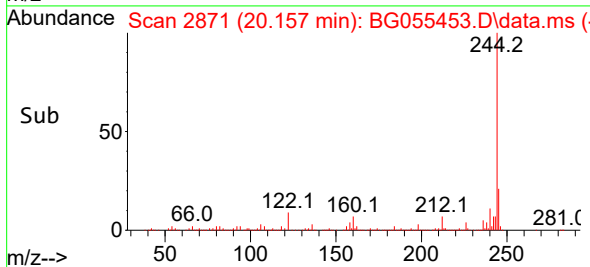
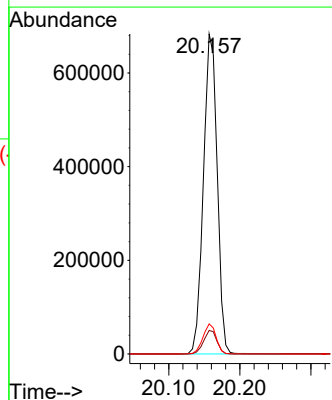
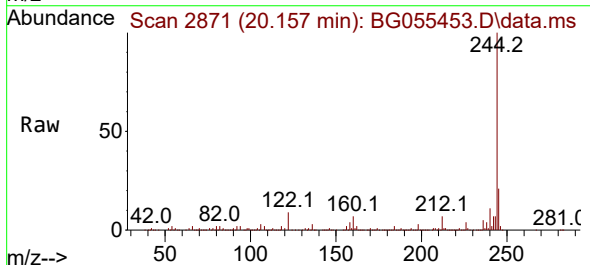
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221168-COMP-03-MODIFIED-ELUTRIATE

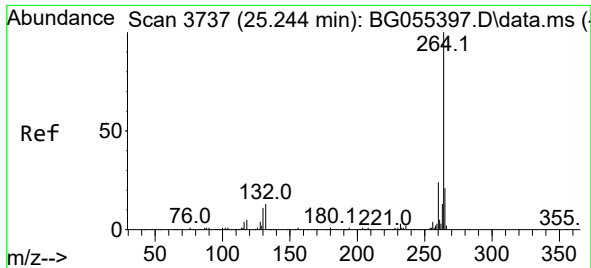
Tgt Ion:184 Resp: 13326
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 6.3 9.8 14.8#



#79
Terphenyl-d14
Concen: 91.645 ng
RT: 20.157 min Scan# 2871
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

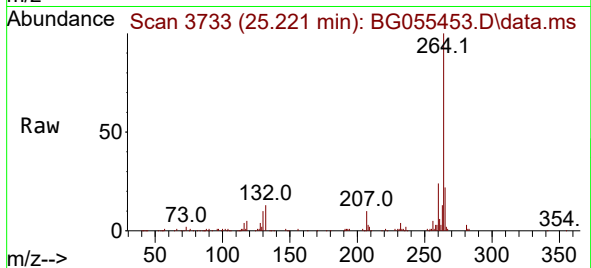
Tgt Ion:244 Resp: 920922
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 9.4 7.8 11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.221 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221168-COMP-03-MODIFIED-ELUTRIATE



Tgt Ion:264 Resp: 210808

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	22.2	17.1	25.7

