

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055455.D
 Acq On : 4 Nov 2022 15:39
 Operator : CG/JU
 Sample : N5306-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221166-COMP-01-MODIFIED-ELUTRIATE

Quant Time: Nov 05 00:03:00 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

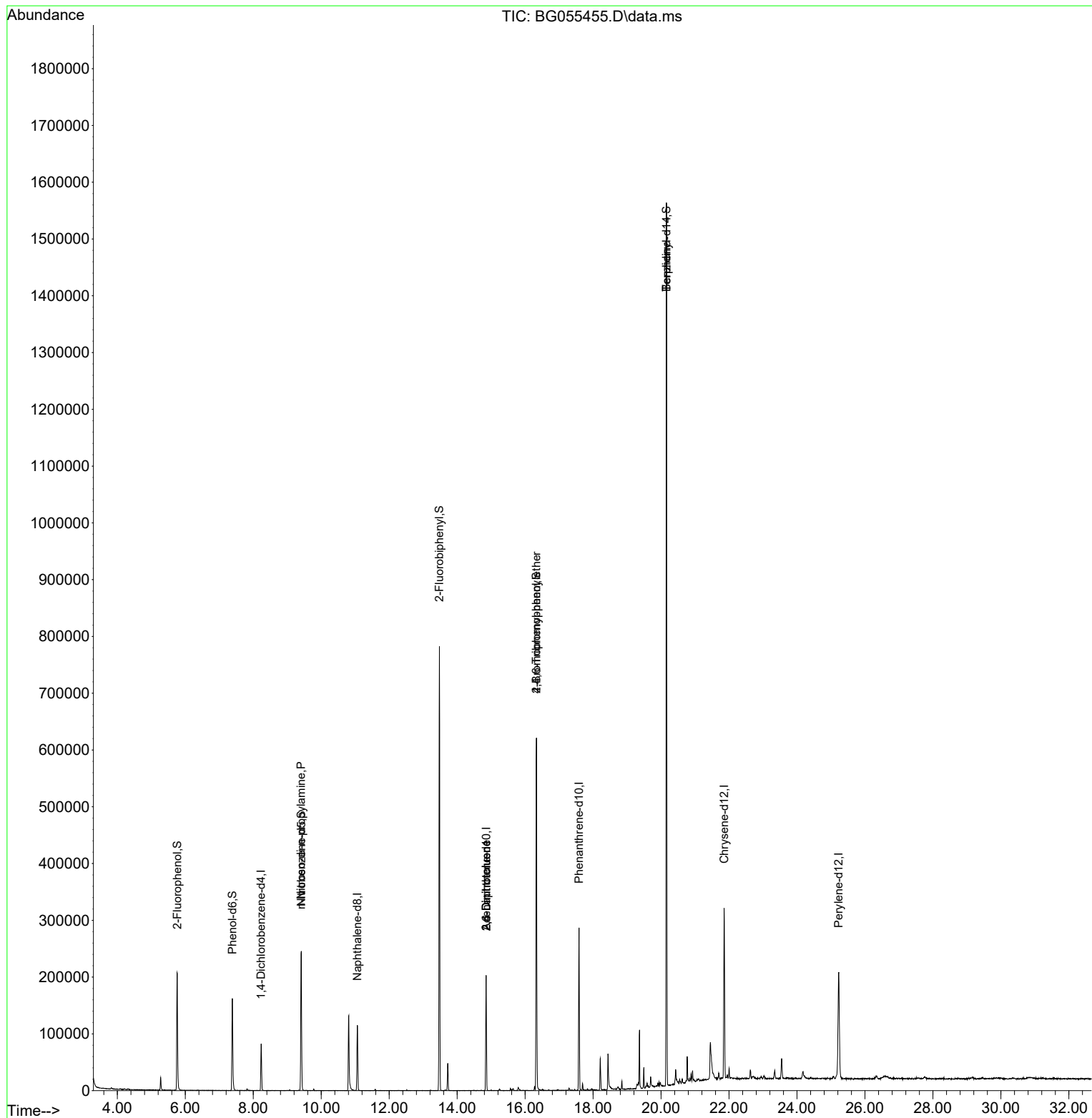
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	25656	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	101580	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	73286	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	182875	20.000	ng	0.00
76) Chrysene-d12	21.855	240	196941	20.000	ng	0.00
86) Perylene-d12	25.227	264	214969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	106106	74.271	ng	0.00
7) Phenol-d6	7.383	99	106580	53.797	ng	0.00
23) Nitrobenzene-d5	9.410	82	155096	81.373	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	141967	142.018	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	402913	81.514	ng	0.00
79) Terphenyl-d14	20.157	244	796386	78.633	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.405	70	20125	13.000	ng	# 80
51) 2,6-Dinitrotoluene	14.851	165	9455	7.383	ng	# 27
57) 2,4-Dinitrotoluene	14.851	165	9455	5.163	ng	# 25
67) 4-Bromophenyl-phenylether	16.332	248	8847	4.092	ng	# 1
77) Benzidine	20.157	184	11527	2.811	ng	# 93

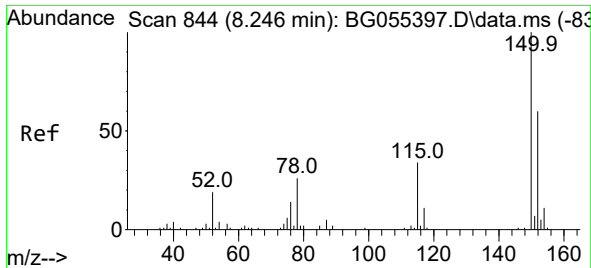
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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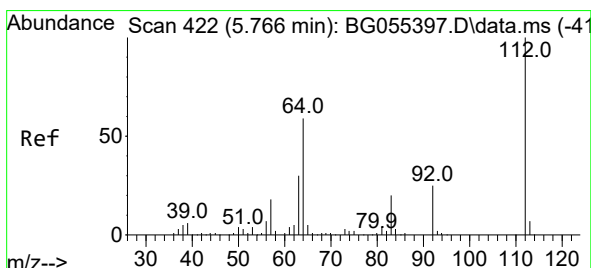
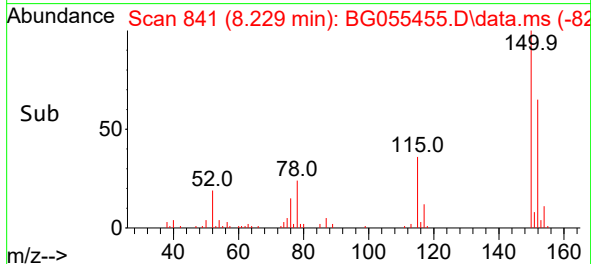
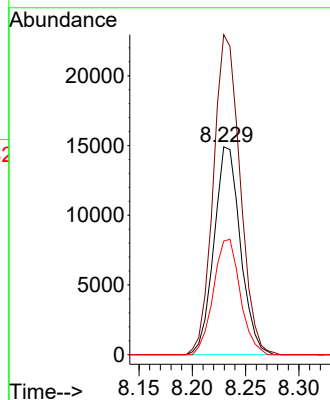
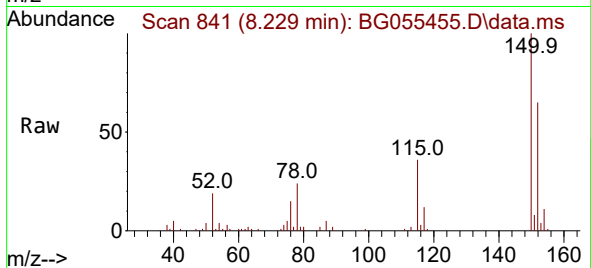




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 844
Delta R.T. -0.007 min
Lab File: BG055455.D
Acq: 4 Nov 2022 15:39

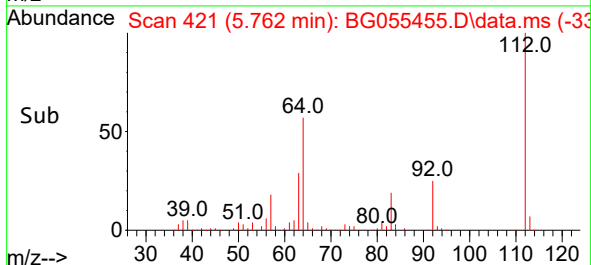
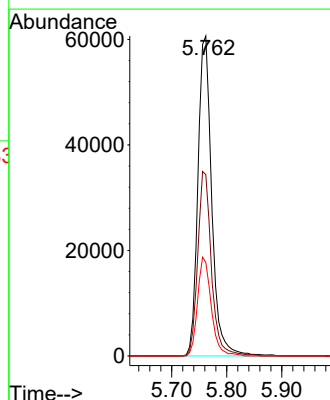
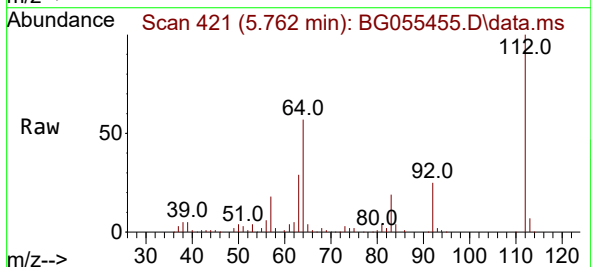
Instrument :
BNA_G
ClientSampleId :
20221166-COMP-01-MODIFIED-ELUTRIATE

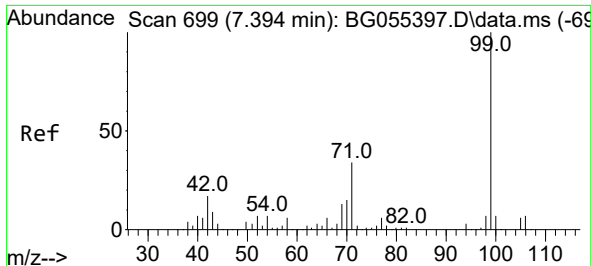
Tgt Ion:152 Resp: 25656
Ion Ratio Lower Upper
152 100
150 154.0 132.8 199.2
115 54.7 45.1 67.7



#5
2-Fluorophenol
Concen: 74.271 ng
RT: 5.762 min Scan# 421
Delta R.T. -0.000 min
Lab File: BG055455.D
Acq: 4 Nov 2022 15:39

Tgt Ion:112 Resp: 106106
Ion Ratio Lower Upper
112 100
64 56.6 47.2 70.8
63 29.2 24.3 36.5

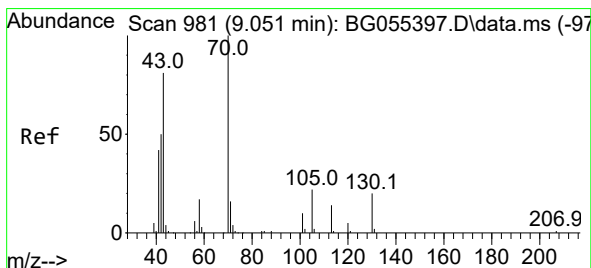
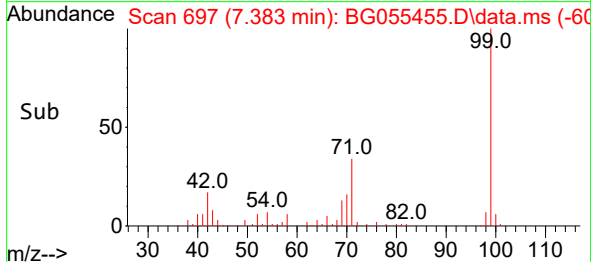
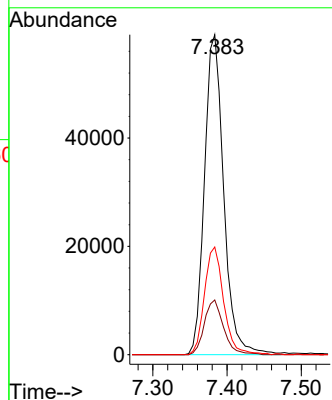
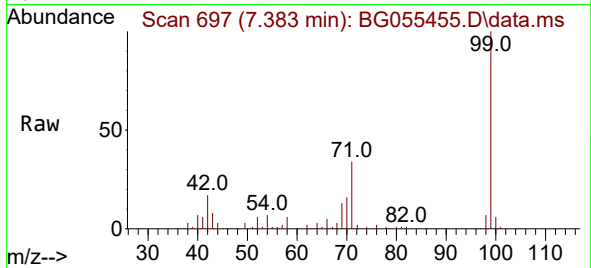




#7
Phenol-d6
Concen: 53.797 ng
RT: 7.383 min Scan# 697
Delta R.T. -0.000 min
Lab File: BG055455.D
Acq: 4 Nov 2022 15:39

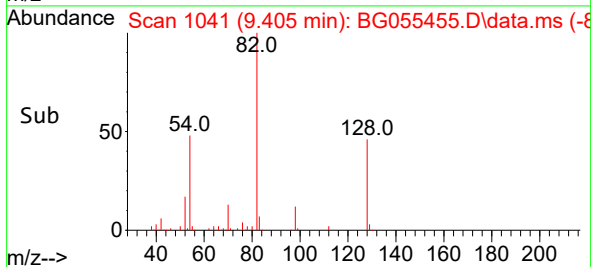
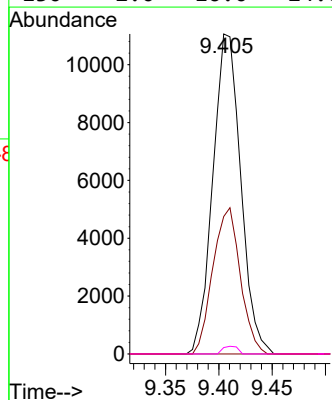
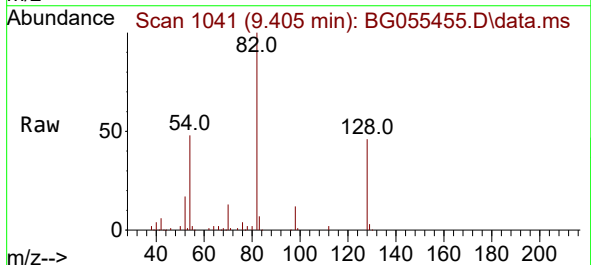
Instrument :
BNA_G
ClientSampleId :
20221166-COMP-01-MODIFIED-ELUTRIATE

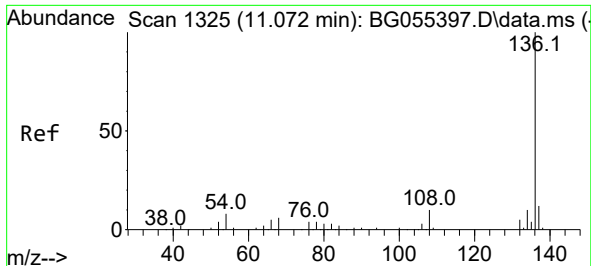
Tgt Ion: 99 Resp: 106580
Ion Ratio Lower Upper
99 100
42 17.1 13.5 20.3
71 33.7 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.000 ng
RT: 9.405 min Scan# 1041
Delta R.T. 0.364 min
Lab File: BG055455.D
Acq: 4 Nov 2022 15:39

Tgt Ion: 70 Resp: 20125
Ion Ratio Lower Upper
70 100
42 42.9 40.6 61.0
101 0.0 7.8 11.6#
130 2.0 16.0 24.0#

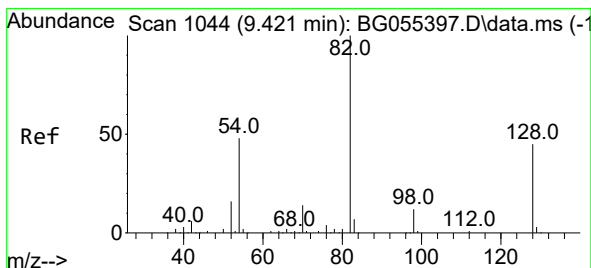
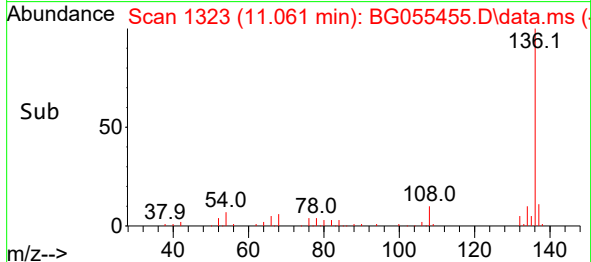
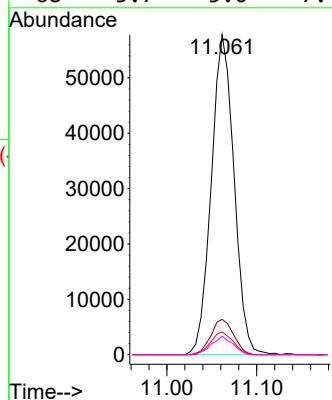
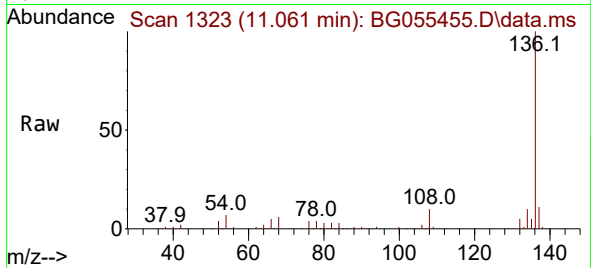




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055455.D
Acq: 4 Nov 2022 15:39

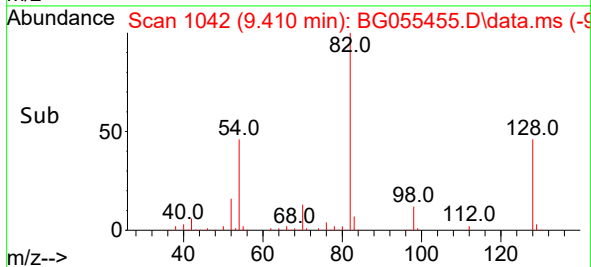
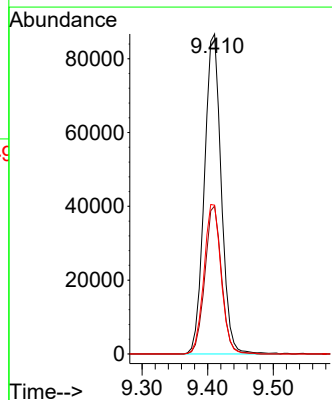
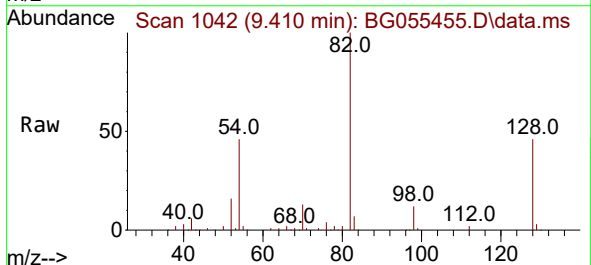
Instrument : BNA_G
ClientSampleId : 20221166-COMP-01-MODIFIED-ELUTRIATE

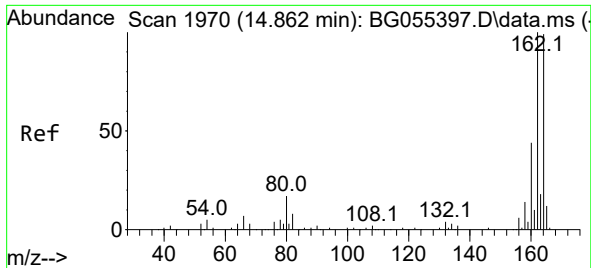
Tgt Ion:136 Resp: 101580
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 7.1 6.1 9.1
68 5.7 5.0 7.4



#23
Nitrobenzene-d5
Concen: 81.373 ng
RT: 9.410 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BG055455.D
Acq: 4 Nov 2022 15:39

Tgt Ion: 82 Resp: 155096
Ion Ratio Lower Upper
82 100
128 46.3 35.8 53.8
54 46.5 38.1 57.1

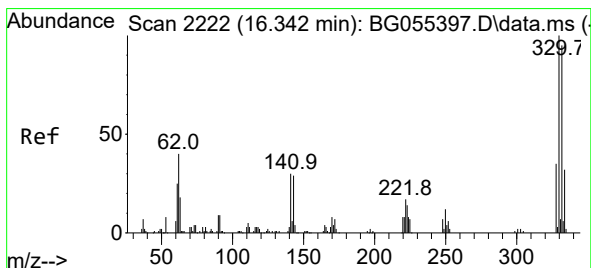
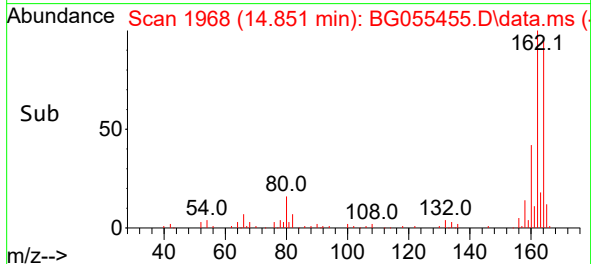
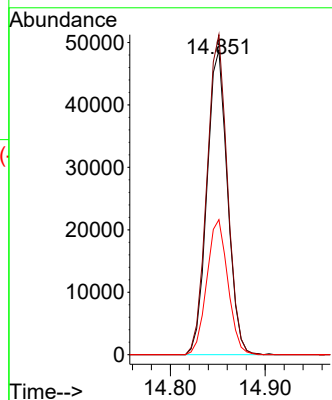
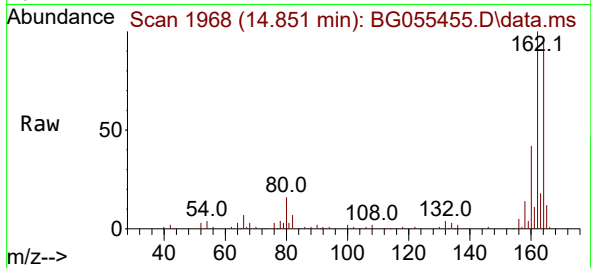




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BG055455.D
Acq: 4 Nov 2022 15:39

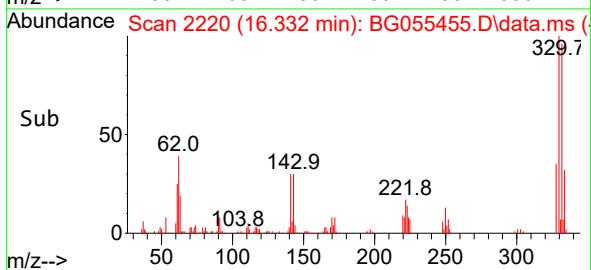
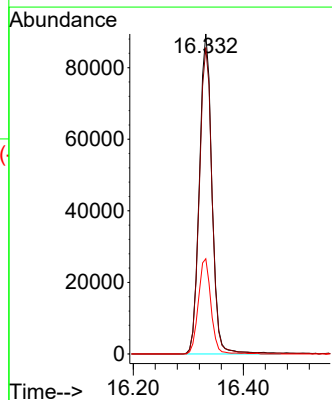
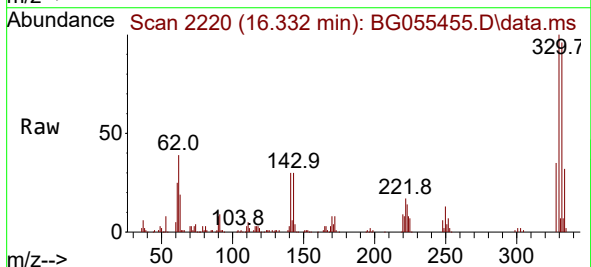
Instrument : BNA_G
ClientSampleId : 20221166-COMP-01-MODIFIED-ELUTRIATE

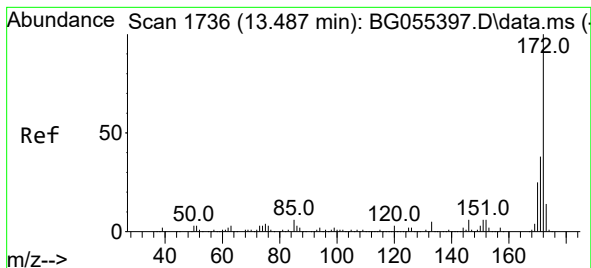
Tgt Ion:164 Resp: 73286
Ion Ratio Lower Upper
164 100
162 105.0 81.1 121.7
160 44.3 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 142.018 ng
RT: 16.332 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BG055455.D
Acq: 4 Nov 2022 15:39

Tgt Ion:330 Resp: 141967
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.6
141 29.9 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 81.514 ng

RT: 13.476 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG055455.D

Acq: 4 Nov 2022 15:39

Instrument :

BNA_G

ClientSampleId :

20221166-COMP-01-MODIFIED-ELUTRIATE

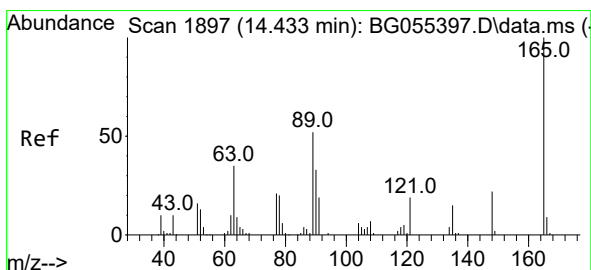
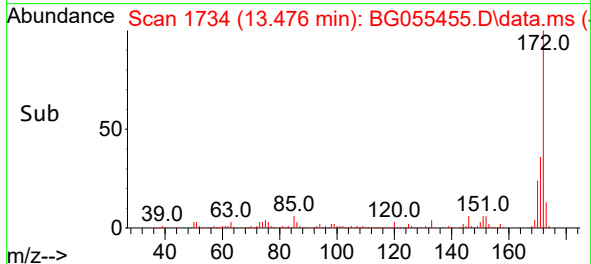
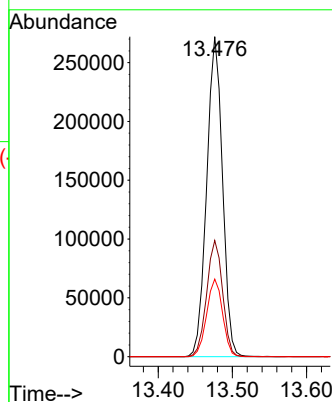
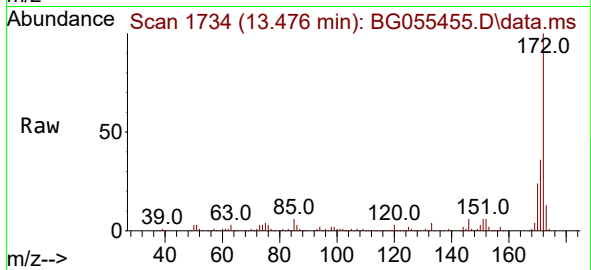
Tgt Ion:172 Resp: 402913

Ion Ratio Lower Upper

172 100

171 36.3 30.2 45.2

170 24.2 20.2 30.2



#51

2,6-Dinitrotoluene

Concen: 7.383 ng

RT: 14.851 min Scan# 1968

Delta R.T. 0.429 min

Lab File: BG055455.D

Acq: 4 Nov 2022 15:39

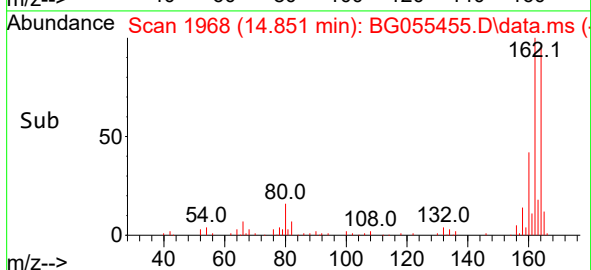
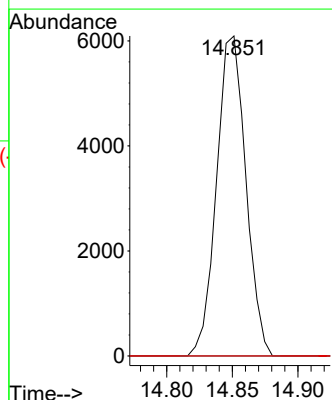
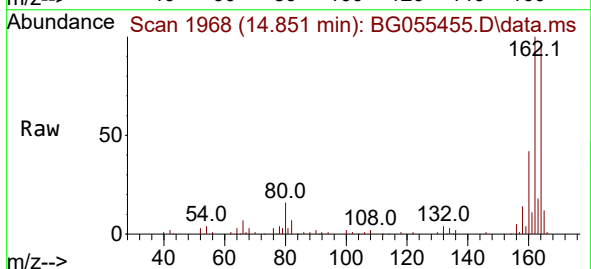
Tgt Ion:165 Resp: 9455

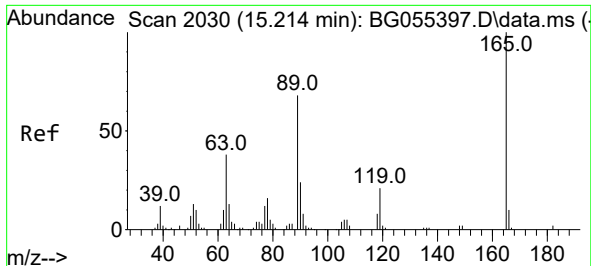
Ion Ratio Lower Upper

165 100

63 0.0 38.2 57.4#

89 0.0 41.8 62.6#





#57

2,4-Dinitrotoluene

Concen: 5.163 ng

RT: 14.851 min Scan# 1968

Delta R.T. -0.359 min

Lab File: BG055455.D

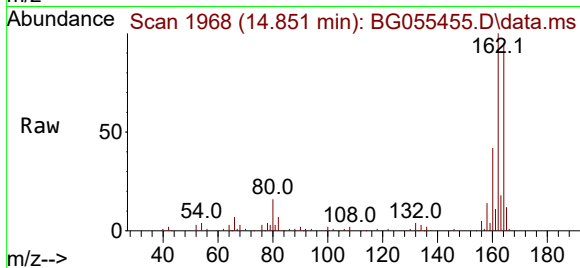
Acq: 4 Nov 2022 15:39

Instrument :

BNA_G

ClientSampleId :

20221166-COMP-01-MODIFIED-ELUTRIATE



Tgt Ion:165 Resp: 9455

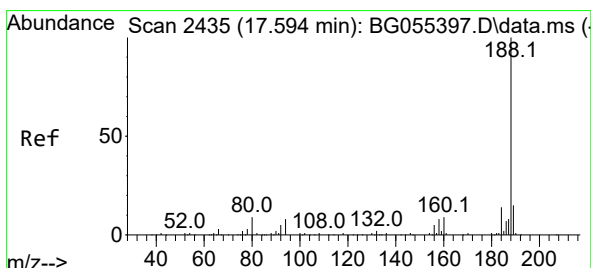
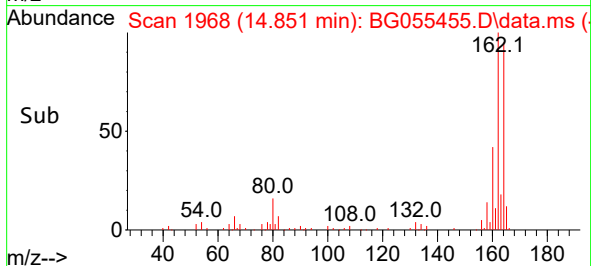
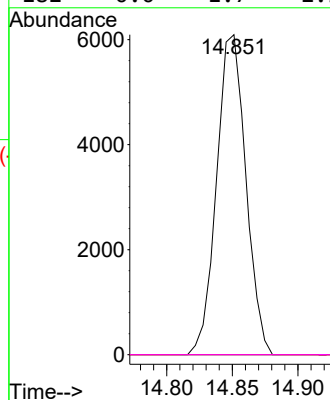
Ion Ratio Lower Upper

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: BG055455.D

Acq: 4 Nov 2022 15:39

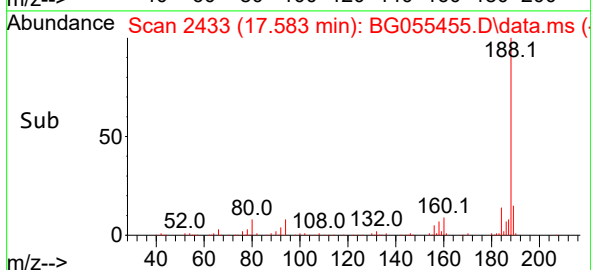
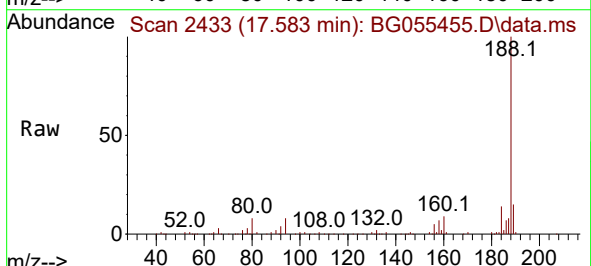
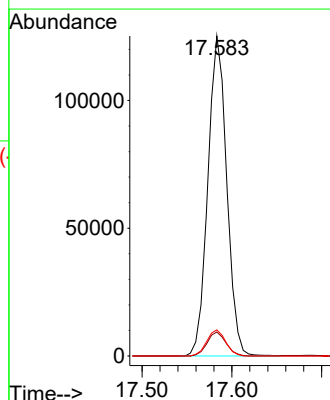
Tgt Ion:188 Resp: 182875

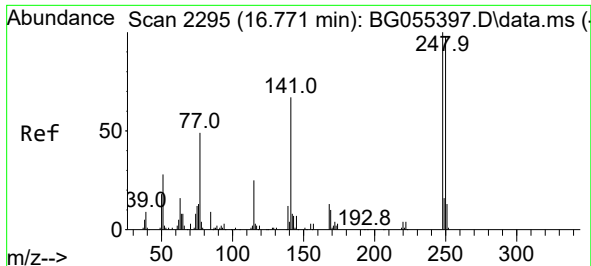
Ion Ratio Lower Upper

188 100

94 7.5 6.5 9.7

80 8.1 7.4 11.0

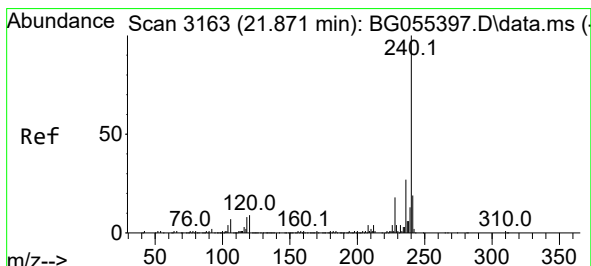
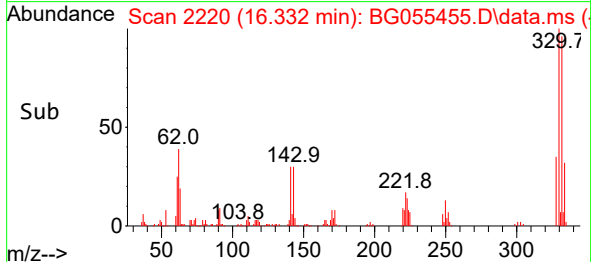
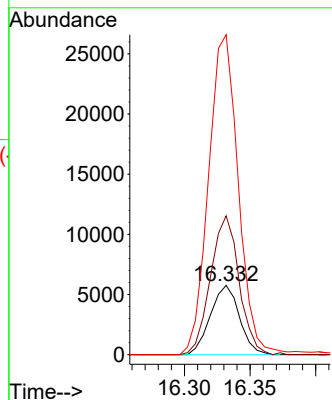
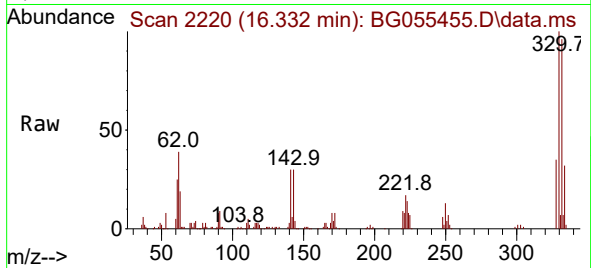




#67
4-Bromophenyl-phenylether
Concen: 4.092 ng
RT: 16.332 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055455.D
Acq: 4 Nov 2022 15:39

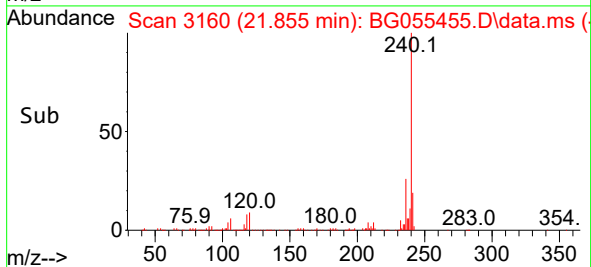
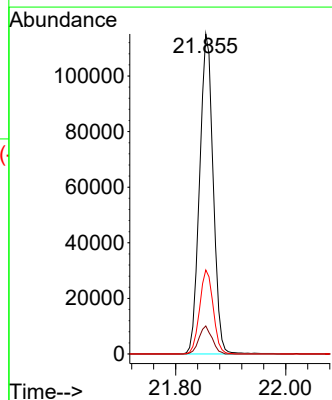
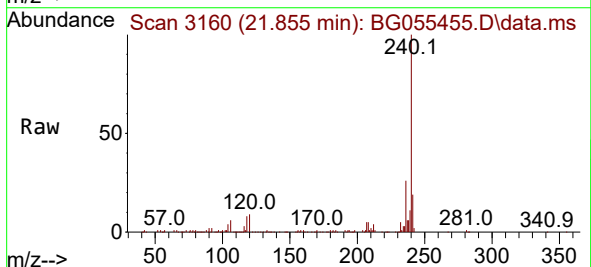
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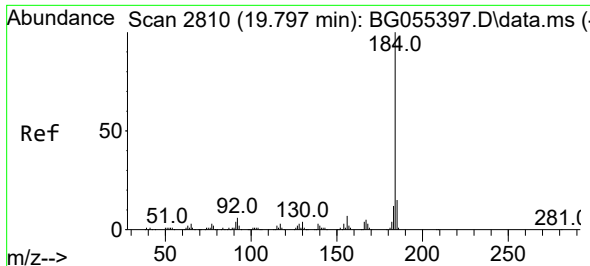
Tgt Ion:248 Resp: 8847
Ion Ratio Lower Upper
248 100
250 200.6 78.3 117.5#
141 462.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.855 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BG055455.D
Acq: 4 Nov 2022 15:39

Tgt Ion:240 Resp: 196941
Ion Ratio Lower Upper
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120 8.8 6.9 10.3
236 26.3 21.5 32.3

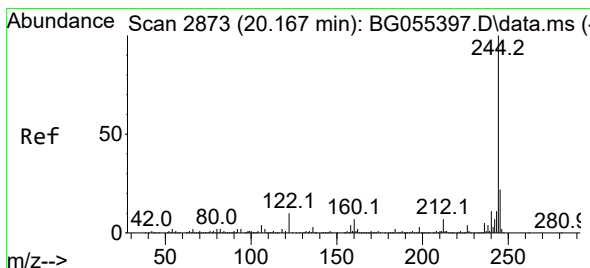
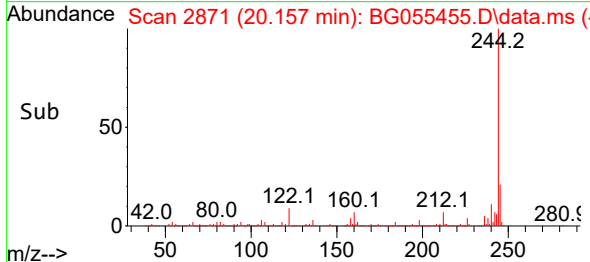
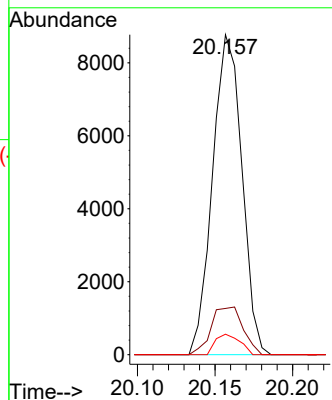
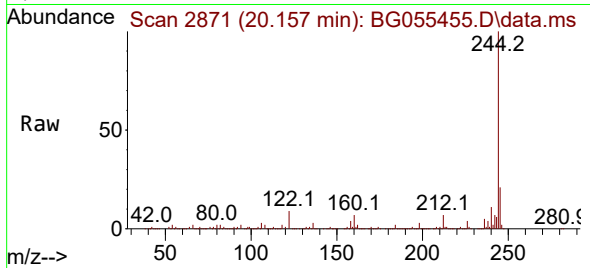




#77
Benzidine
Concen: 2.811 ng
RT: 20.157 min Scan# 2810
Delta R.T. 0.364 min
Lab File: BG055455.D
Acq: 4 Nov 2022 15:39

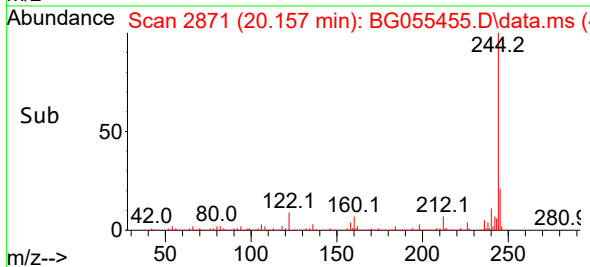
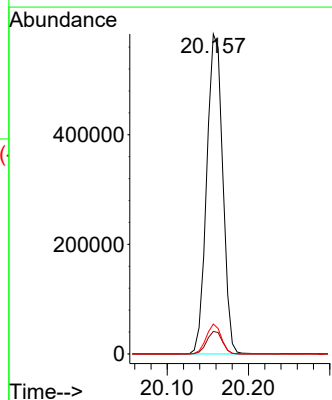
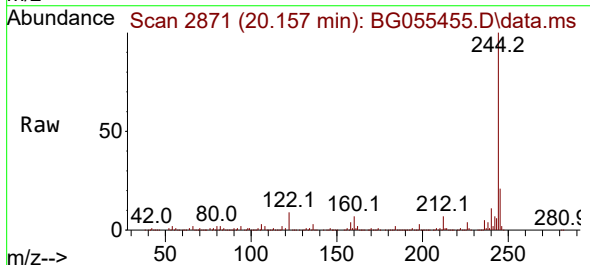
Instrument : BNA_G
ClientSampleId : 20221166-COMP-01-MODIFIED-ELUTRIATE

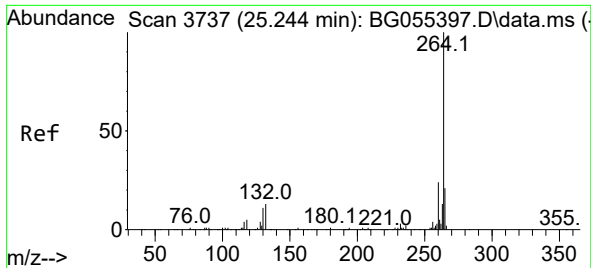
Tgt Ion:184 Resp: 11527
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 6.4 9.8 14.8#



#79
Terphenyl-d14
Concen: 78.633 ng
RT: 20.157 min Scan# 2871
Delta R.T. -0.006 min
Lab File: BG055455.D
Acq: 4 Nov 2022 15:39

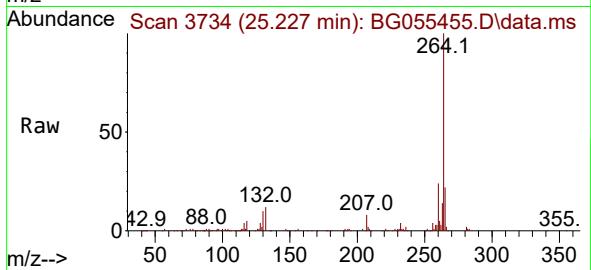
Tgt Ion:244 Resp: 796386
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.4 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.227 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG055455.D
 Acq: 4 Nov 2022 15:39

Instrument :
 BNA_G
 ClientSampleId :
 20221166-COMP-01-MODIFIED-ELUTRIATE



Tgt Ion:264 Resp: 214969
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 22.0 17.1 25.7

