

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055444.D
 Acq On : 3 Nov 2022 19:26
 Operator : CG/JU
 Sample : N5306-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 04 05:30:43 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)

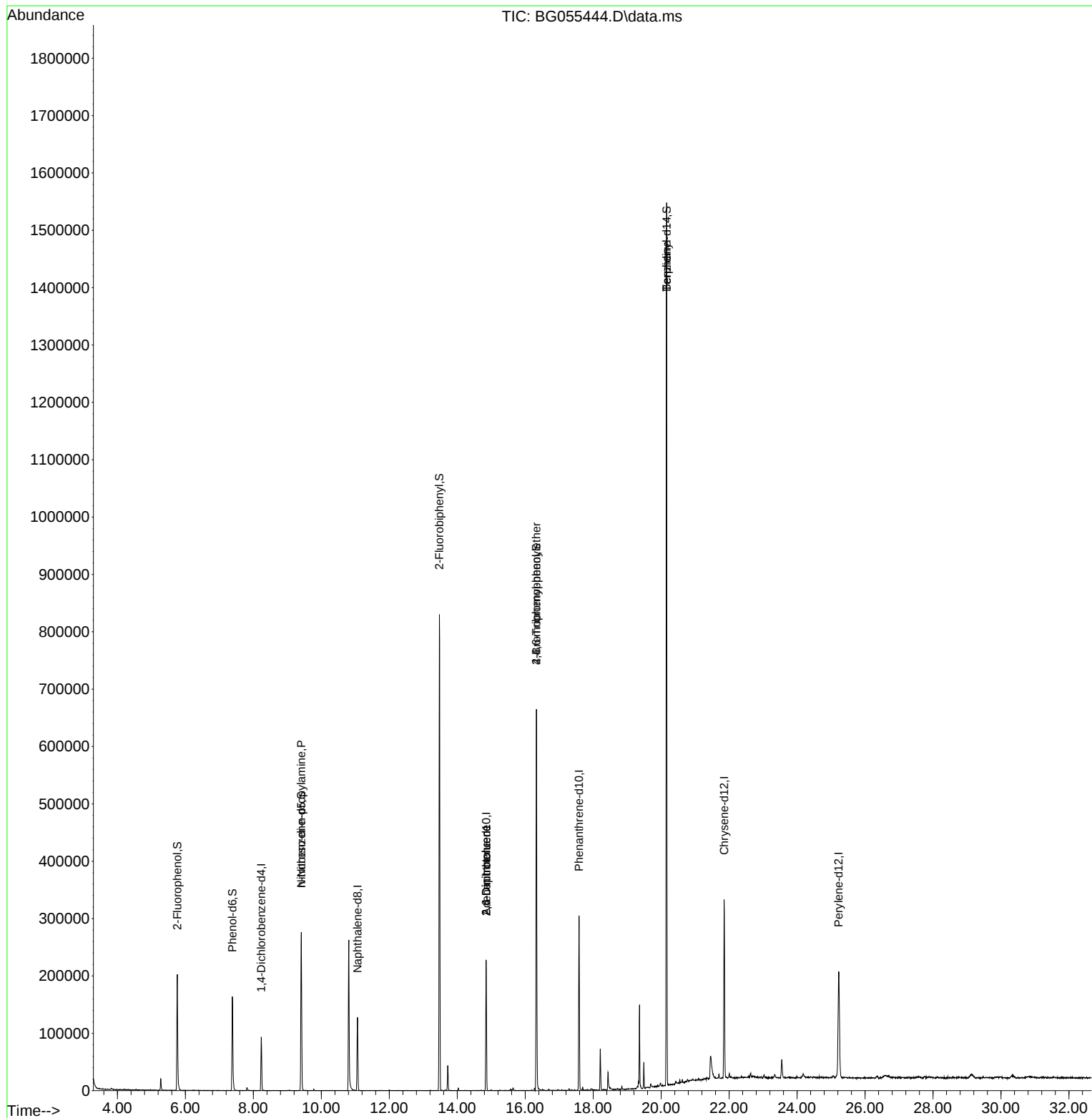
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	28487	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	115587	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	83906	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	200241	20.000	ng	0.00
76) Chrysene-d12	21.854	240	200421	20.000	ng	0.00
86) Perylene-d12	25.227	264	216638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	103161	65.034	ng	0.00
7) Phenol-d6	7.383	99	107787	48.999	ng	0.00
23) Nitrobenzene-d5	9.410	82	172550	79.559	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	146739	128.213	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	444979	78.630	ng	0.00
79) Terphenyl-d14	20.162	244	800304	77.648	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.410	70	23425	13.628	ng	# 77
51) 2,6-Dinitrotoluene	14.851	165	10634	7.253	ng	# 27
57) 2,4-Dinitrotoluene	14.851	165	10634	5.072	ng	# 25
67) 4-Bromophenyl-phenylether	16.331	248	9140	3.861	ng	# 1
77) Benzidine	20.162	184	11415	2.736	ng	# 92

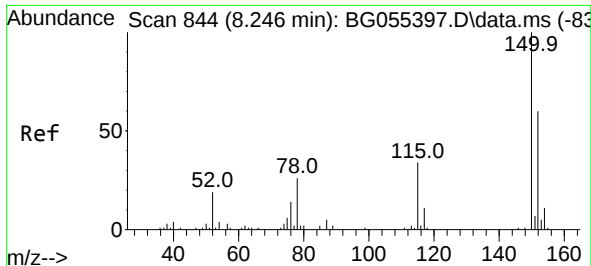
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
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QLast Update : Fri Nov 04 05:28:43 2022
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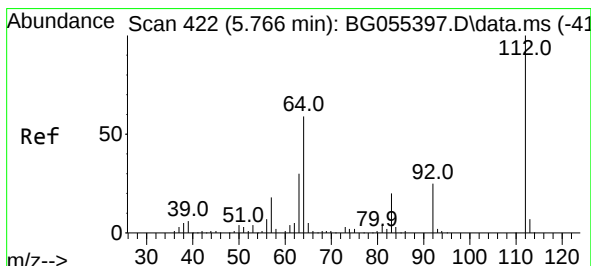
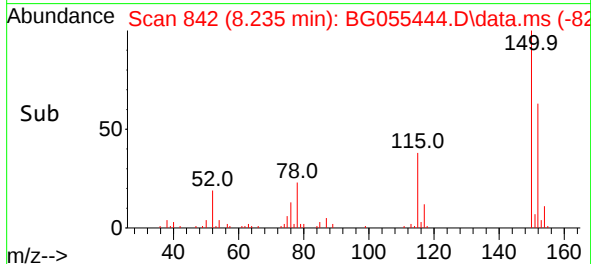
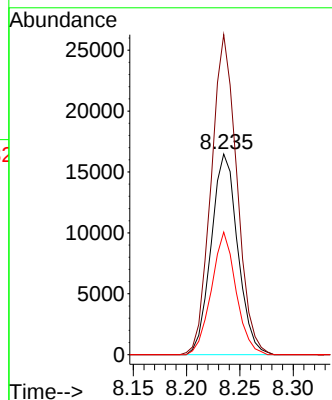
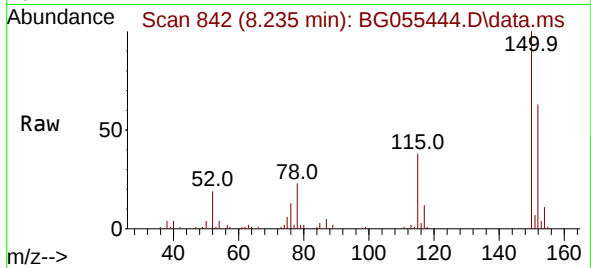




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 844
Delta R.T. -0.001 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

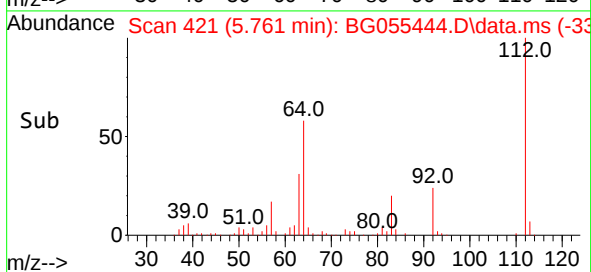
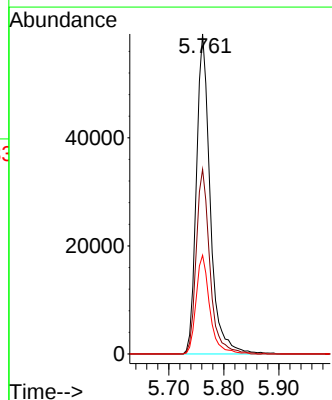
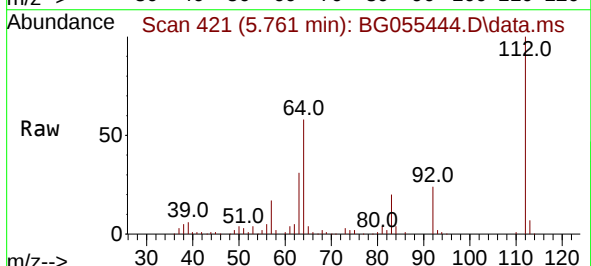
Instrument :
BNA_G
ClientSampleId :
20221168-COMP-03-MODIFIED-ELUTRIATE

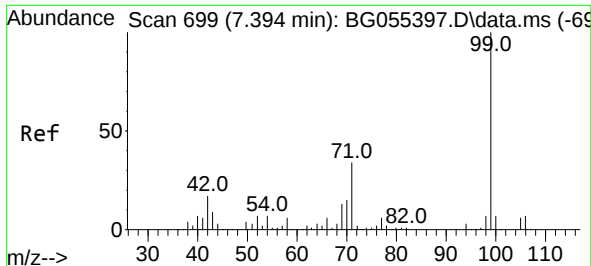
Tgt Ion:152 Resp: 28487
Ion Ratio Lower Upper
152 100
150 159.5 132.8 199.2
115 61.1 45.1 67.7



#5
2-Fluorophenol
Concen: 65.034 ng
RT: 5.761 min Scan# 421
Delta R.T. -0.001 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

Tgt Ion:112 Resp: 103161
Ion Ratio Lower Upper
112 100
64 57.7 47.2 70.8
63 30.9 24.3 36.5

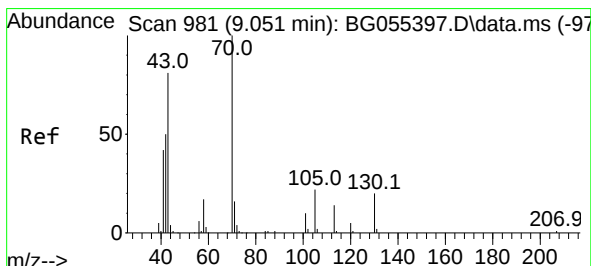
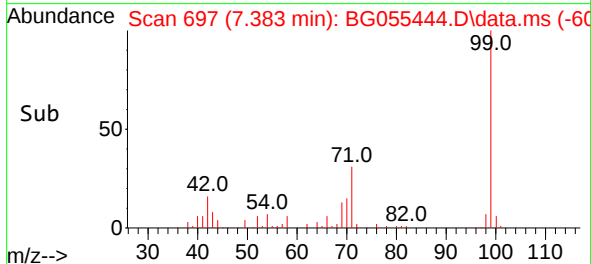
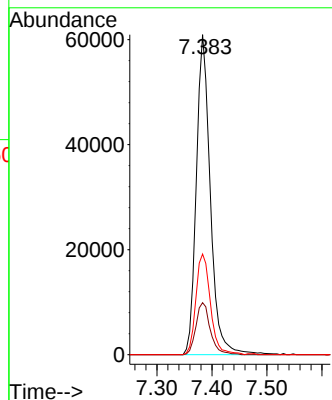
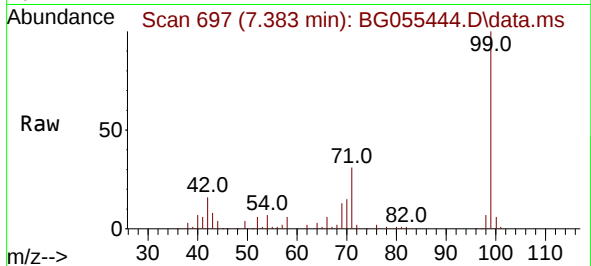




#7
Phenol-d6
Concen: 48.999 ng
RT: 7.383 min Scan# 697
Delta R.T. -0.001 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

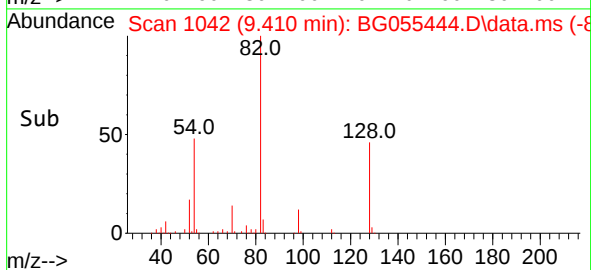
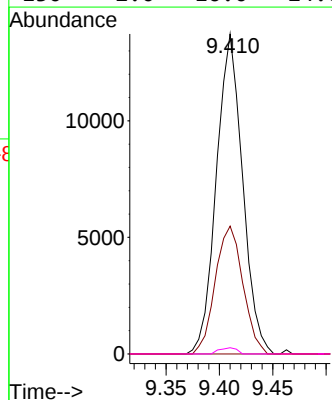
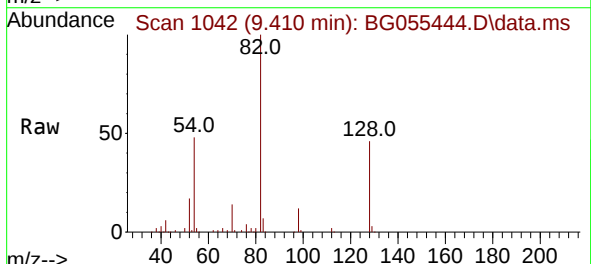
Instrument :
BNA_G
ClientSampleId :
20221168-COMP-03-MODIFIED-ELUTRIATE

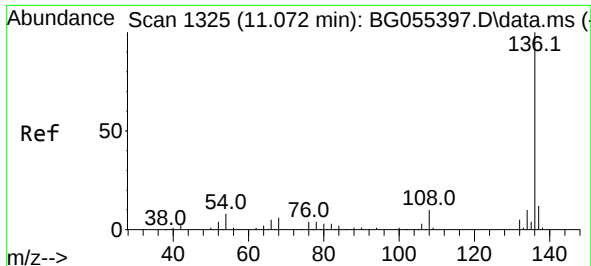
Tgt Ion: 99 Resp: 107787
Ion Ratio Lower Upper
99 100
42 16.2 13.5 20.3
71 31.4 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.628 ng
RT: 9.410 min Scan# 1042
Delta R.T. 0.369 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

Tgt Ion: 70 Resp: 23425
Ion Ratio Lower Upper
70 100
42 39.9 40.6 61.0#
101 0.0 7.8 11.6#
130 2.0 16.0 24.0#



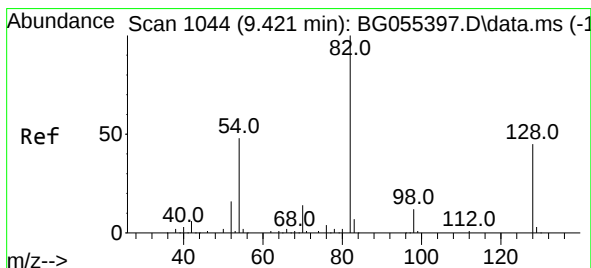
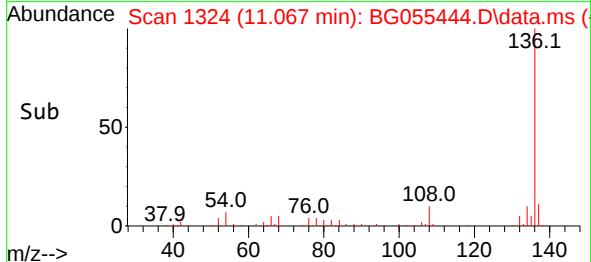
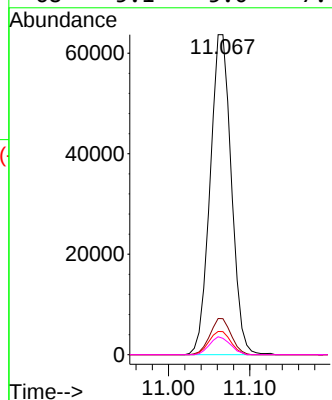
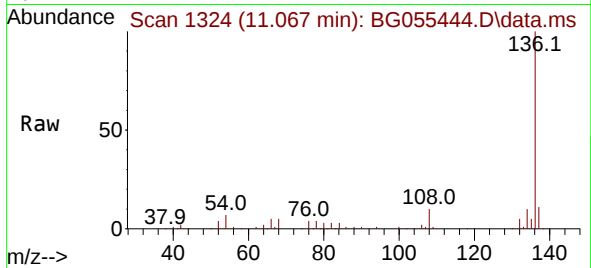


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

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

Tgt Ion:136 Resp: 115587

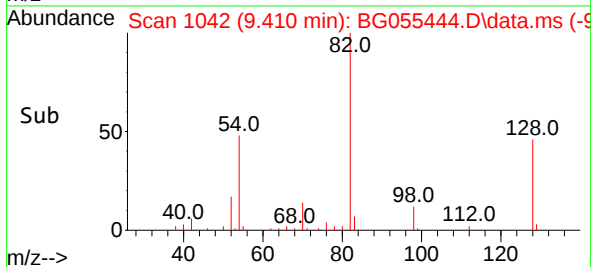
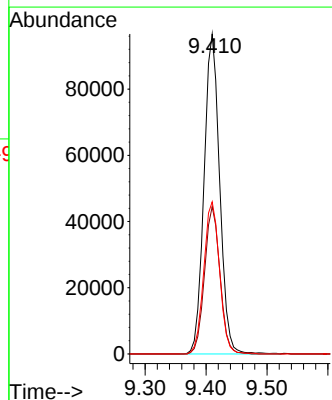
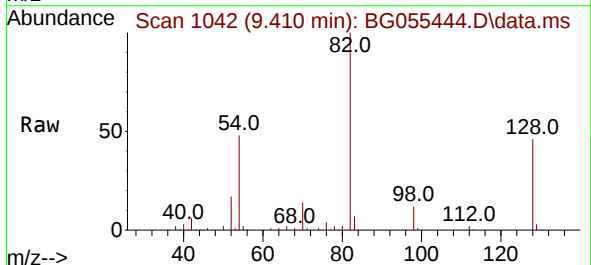
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.2
54	7.2	6.1	9.1
68	5.1	5.0	7.4

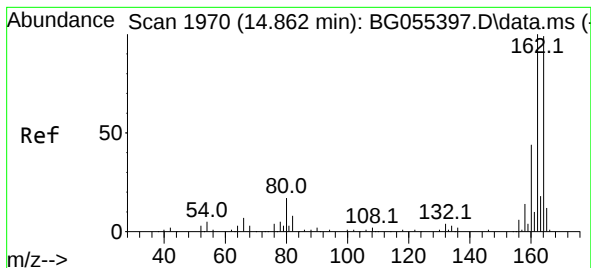


#23
Nitrobenzene-d5
Concen: 79.559 ng
RT: 9.410 min Scan# 1042
Delta R.T. -0.001 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

Tgt Ion: 82 Resp: 172550

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.8	53.8
54	47.5	38.1	57.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.851 min Scan# 1968

Delta R.T. -0.007 min

Lab File: BG055444.D

Acq: 3 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

20221168-COMP-03-MODIFIED-ELUTRIATE

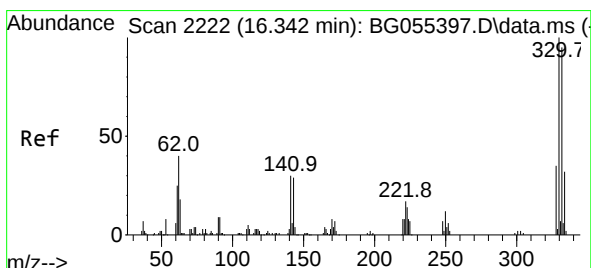
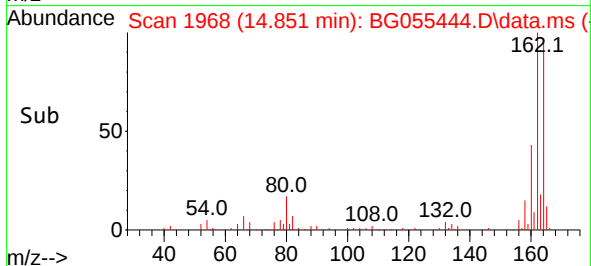
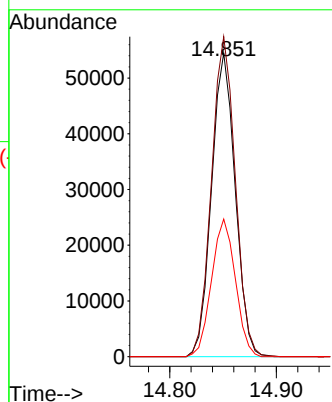
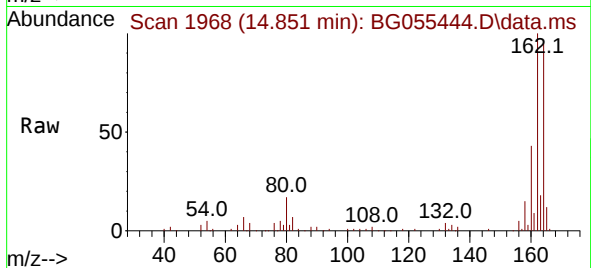
Tgt Ion:164 Resp: 83906

Ion Ratio Lower Upper

164 100

162 105.4 81.1 121.7

160 45.3 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 128.213 ng

RT: 16.331 min Scan# 2220

Delta R.T. -0.007 min

Lab File: BG055444.D

Acq: 3 Nov 2022 19:26

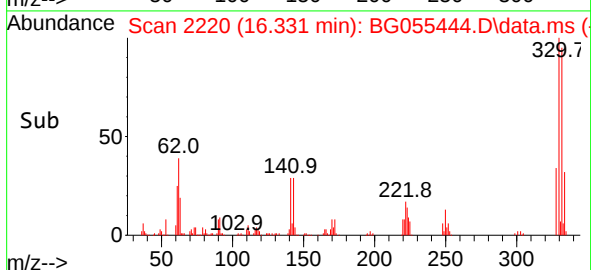
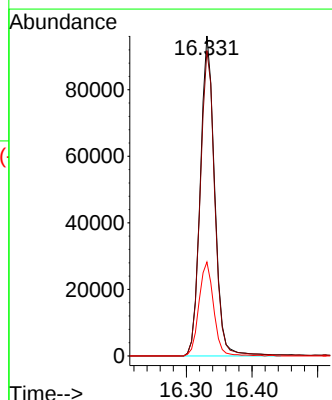
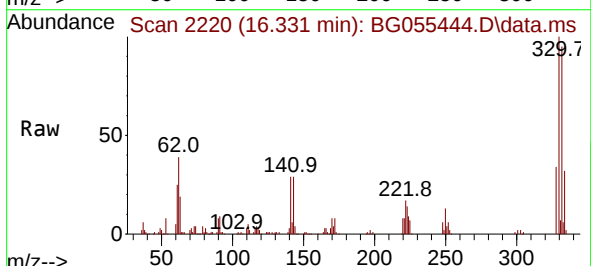
Tgt Ion:330 Resp: 146739

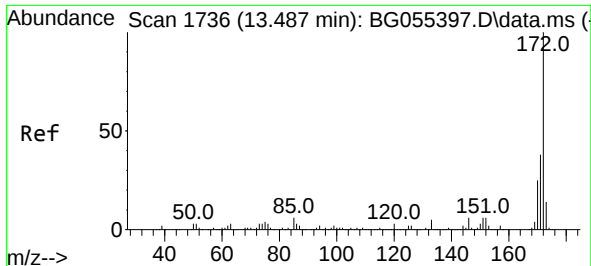
Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.6

141 30.0 24.2 36.2

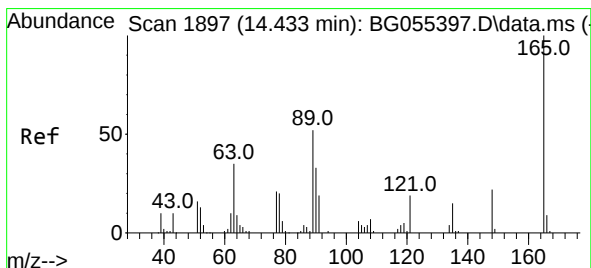
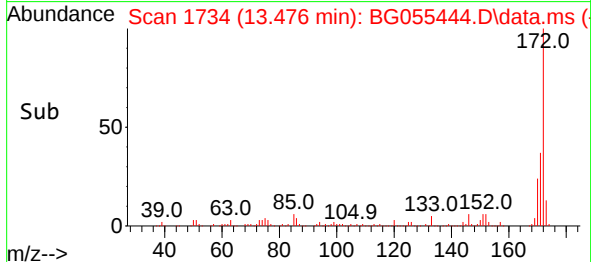
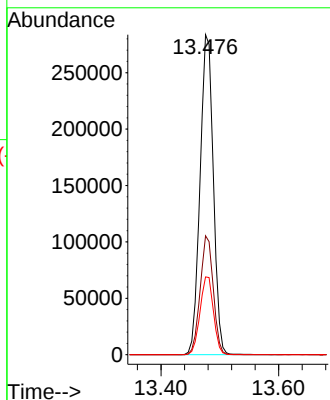
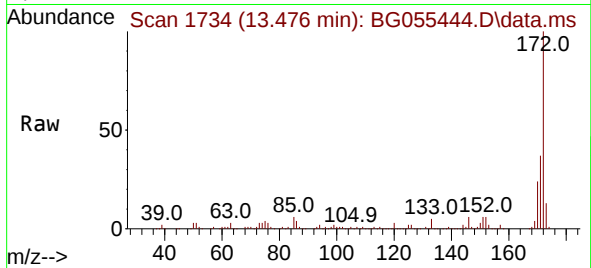




#45
2-Fluorobiphenyl
Concen: 78.630 ng
RT: 13.476 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

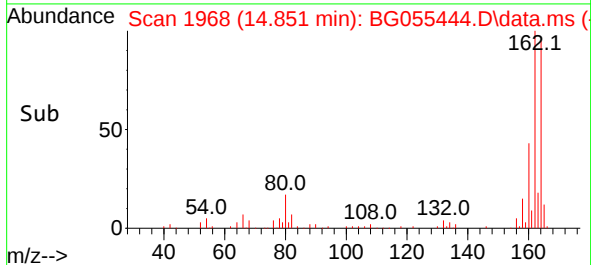
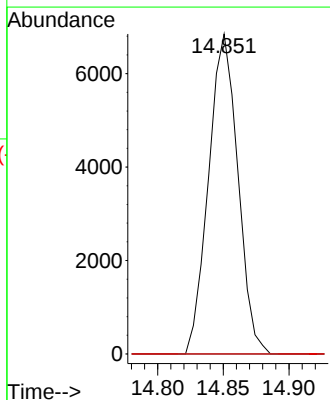
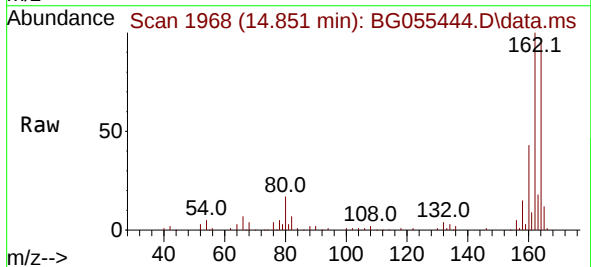
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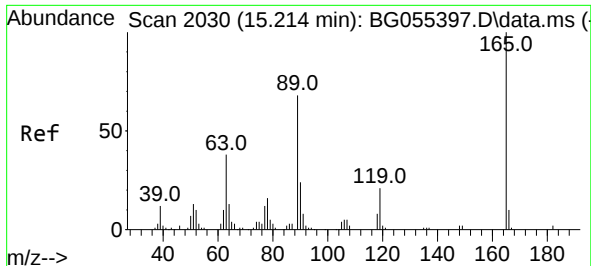
Tgt Ion:172 Resp: 444979
Ion Ratio Lower Upper
172 100
171 37.2 30.2 45.2
170 24.3 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.253 ng
RT: 14.851 min Scan# 1968
Delta R.T. 0.428 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

Tgt Ion:165 Resp: 10634
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: 5.072 ng

RT: 14.851 min Scan# 1968

Delta R.T. -0.359 min

Lab File: BG055444.D

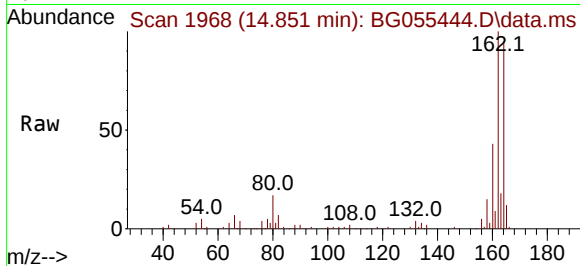
Acq: 3 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

20221168-COMP-03-MODIFIED-ELUTRIATE



Tgt Ion:165 Resp: 10634

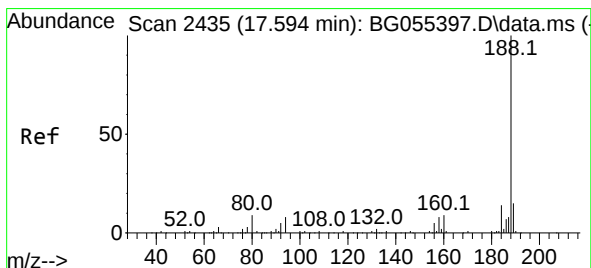
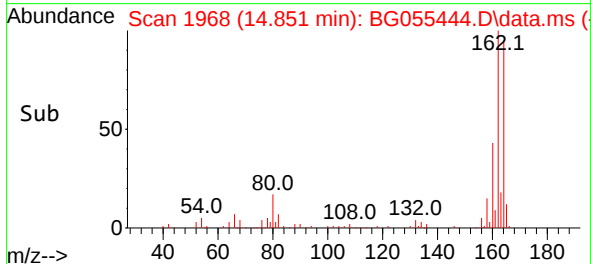
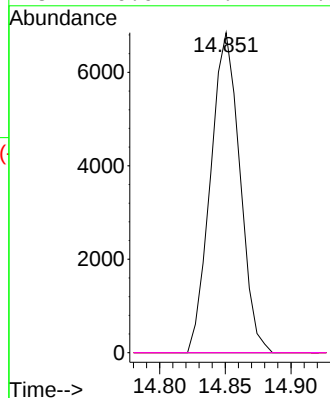
Ion Ratio Lower Upper

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. -0.007 min

Lab File: BG055444.D

Acq: 3 Nov 2022 19:26

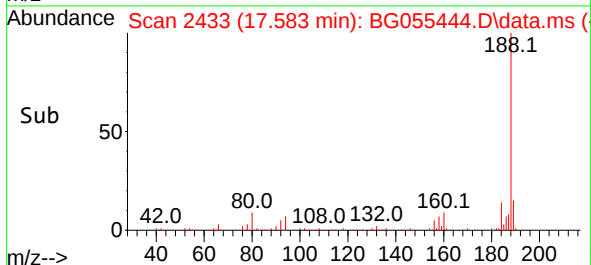
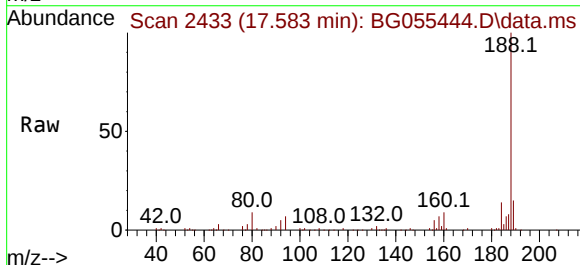
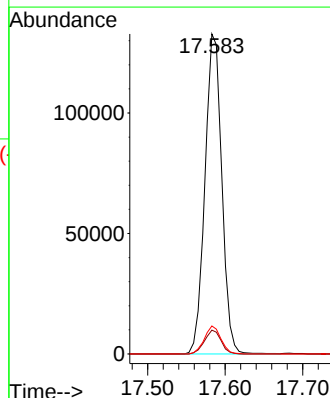
Tgt Ion:188 Resp: 200241

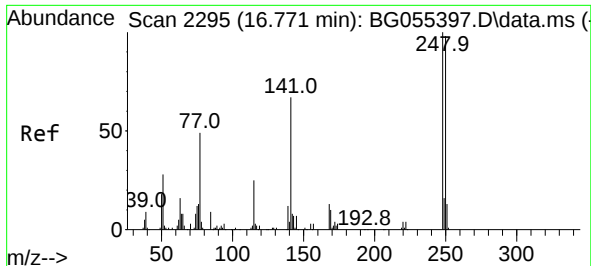
Ion Ratio Lower Upper

188 100

94 7.5 6.5 9.7

80 8.8 7.4 11.0

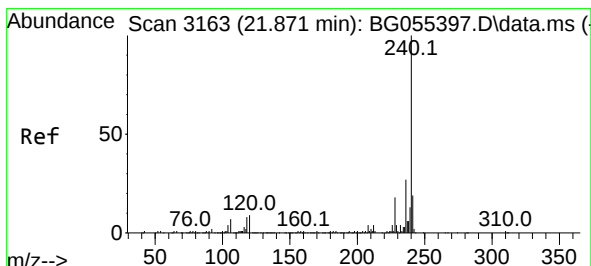
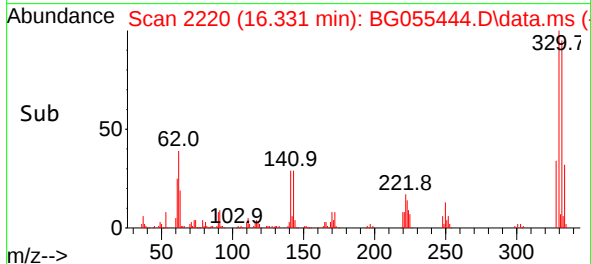
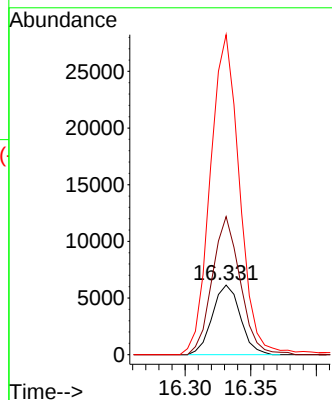
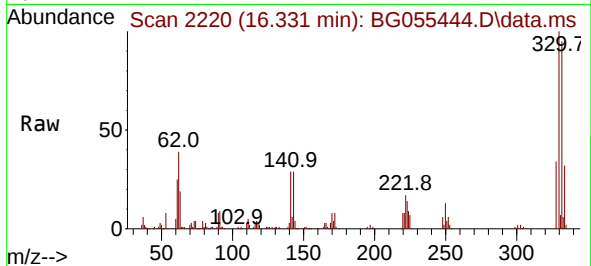




#67
4-Bromophenyl-phenylether
Concen: 3.861 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

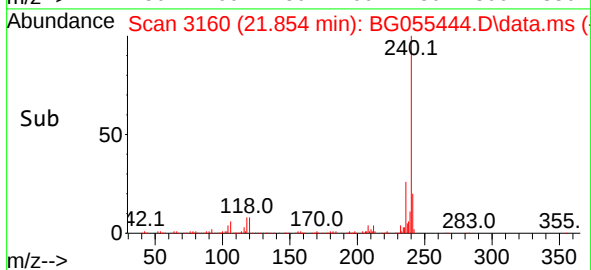
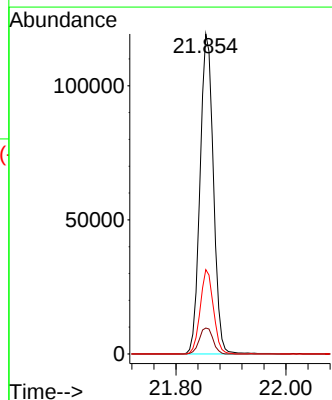
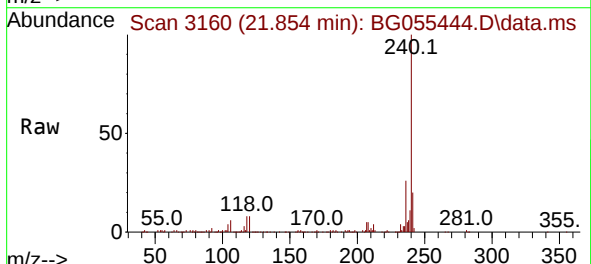
Instrument :
BNA_G
ClientSampleId :
20221168-COMP-03-MODIFIED-ELUTRIATE

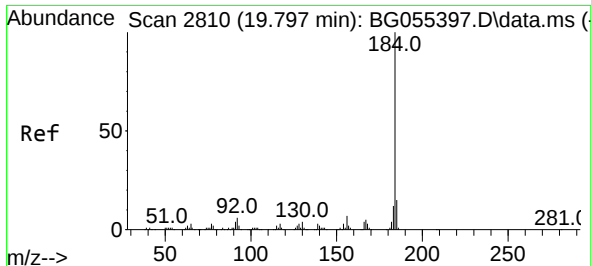
Tgt Ion:248 Resp: 9140
Ion Ratio Lower Upper
248 100
250 198.5 78.3 117.5#
141 460.0 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.007 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

Tgt Ion:240 Resp: 200421
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.4 21.5 32.3

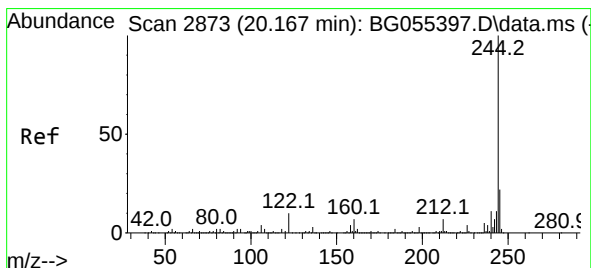
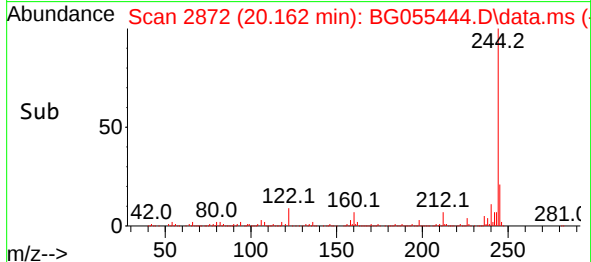
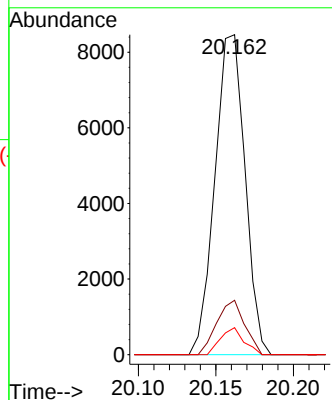
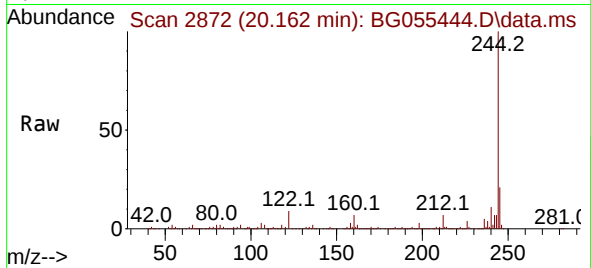




#77
Benzidine
Concen: 2.736 ng
RT: 20.162 min Scan# 2872
Delta R.T. 0.369 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

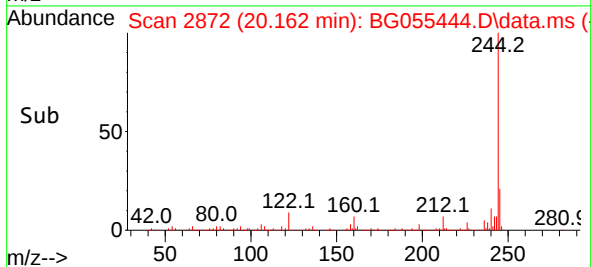
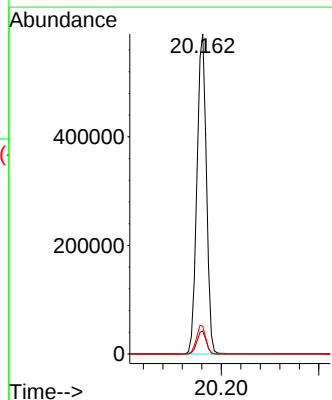
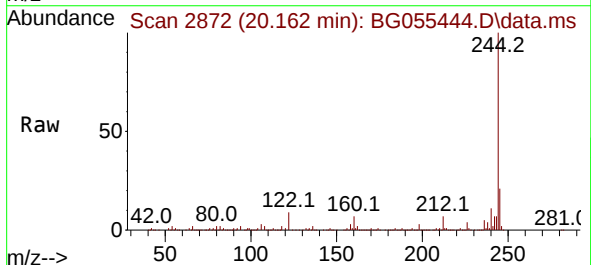
Instrument : BNA_G
ClientSampleId : 20221168-COMP-03-MODIFIED-ELUTRIATE

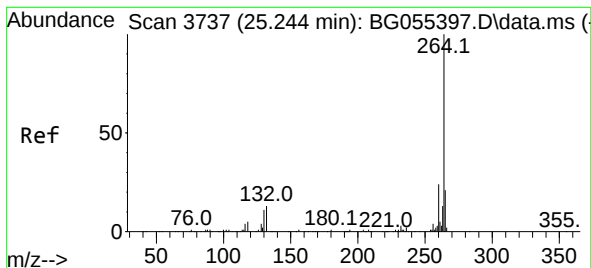
Tgt Ion:184 Resp: 11415
Ion Ratio Lower Upper
184 100
185 17.0 11.7 17.5
183 8.4 9.8 14.8#



#79
Terphenyl-d14
Concen: 77.648 ng
RT: 20.162 min Scan# 2872
Delta R.T. -0.001 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

Tgt Ion:244 Resp: 800304
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 8.6 7.8 11.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.227 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG055444.D

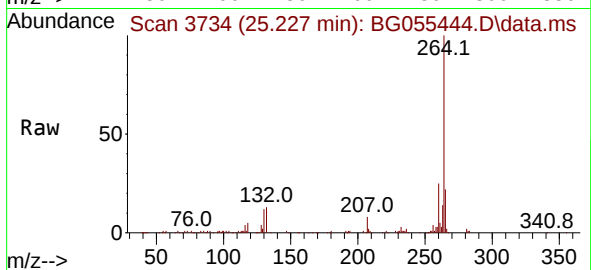
Acq: 3 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

20221168-COMP-03-MODIFIED-ELUTRIATE



Tgt Ion:264 Resp: 216638

Ion Ratio Lower Upper

264 100

260 25.0 18.9 28.3

265 22.0 17.1 25.7

