

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055461.D
 Acq On : 4 Nov 2022 19:53
 Operator : CG/JU
 Sample : N5418-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-O

Quant Time: Nov 05 00:05:06 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)

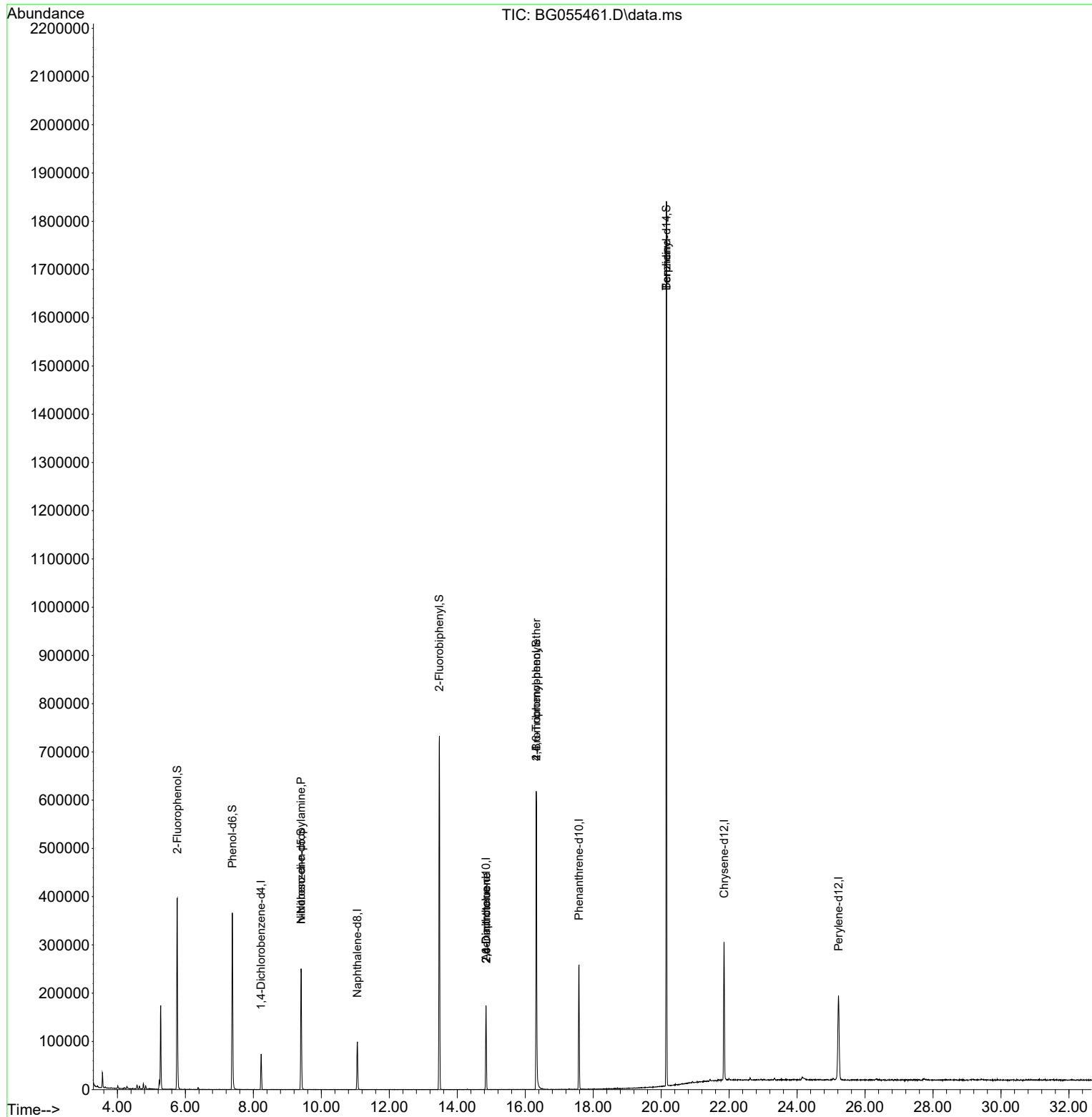
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	22750	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	91807	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	66006	20.000	ng	-0.01
64) Phenanthrene-d10	17.583	188	172491	20.000	ng	0.00
76) Chrysene-d12	21.854	240	191140	20.000	ng	0.00
86) Perylene-d12	25.221	264	205506	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	192340	151.830	ng	0.00
7) Phenol-d6	7.383	99	234207	133.318	ng	0.00
23) Nitrobenzene-d5	9.404	82	157508	91.435	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	152374	169.241	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	409869	92.067	ng	0.00
79) Terphenyl-d14	20.156	244	902860	91.851	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.404	70	20766	15.128	ng	# 80
51) 2,6-Dinitrotoluene	14.851	165	8380	7.265	ng	# 27
57) 2,4-Dinitrotoluene	14.851	165	8380	5.081	ng	# 25
67) 4-Bromophenyl-phenylether	16.331	248	9174	4.499	ng	# 1
77) Benzidine	20.156	184	13280	3.337	ng	# 90

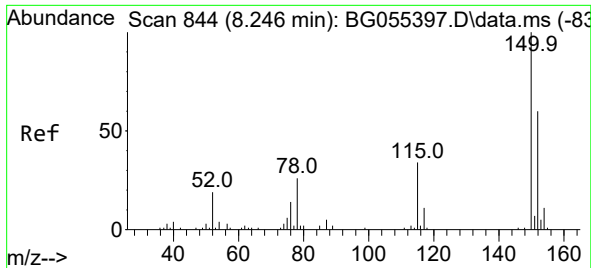
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
Data File : BG055461.D
Acq On : 4 Nov 2022 19:53
Operator : CG/JU
Sample : N5418-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-O

Quant Time: Nov 05 00:05:06 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

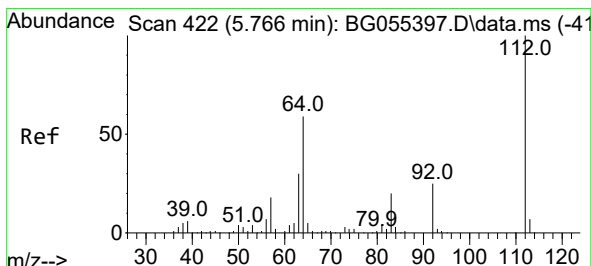
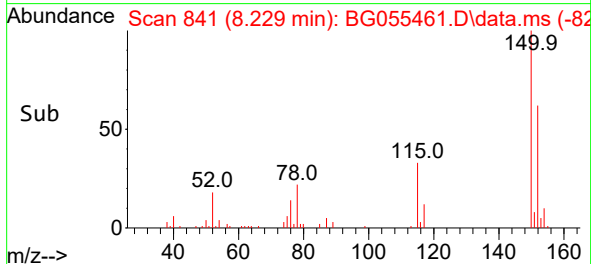
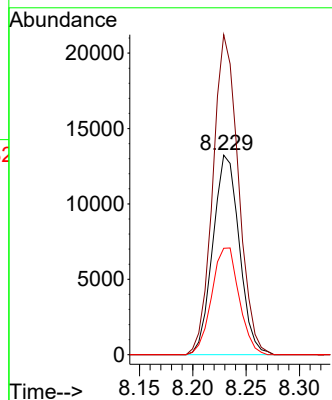
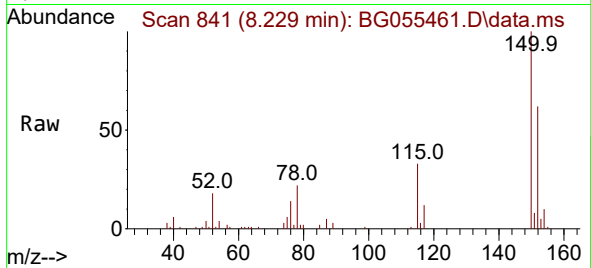




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 844
Delta R.T. -0.007 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

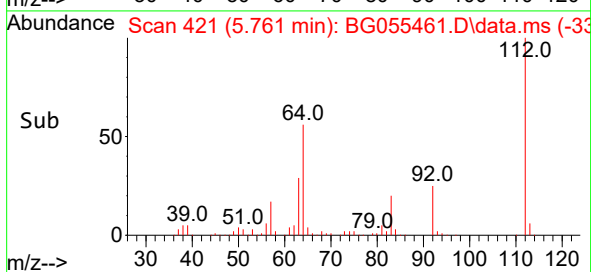
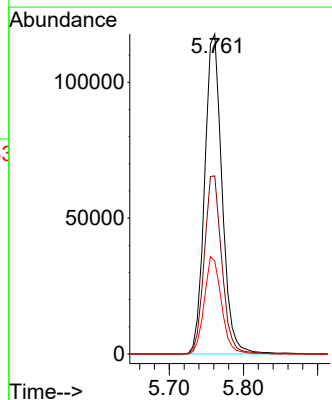
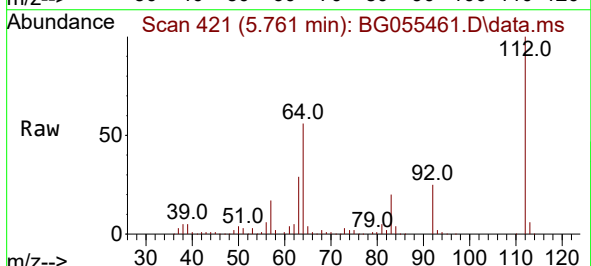
Instrument :
BNA_G
ClientSampleId :
TP-O

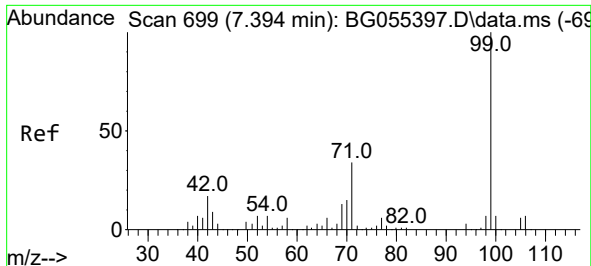
Tgt Ion:152 Resp: 22750
Ion Ratio Lower Upper
152 100
150 160.3 132.8 199.2
115 53.4 45.1 67.7



#5
2-Fluorophenol
Concen: 151.830 ng
RT: 5.761 min Scan# 421
Delta R.T. -0.001 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

Tgt Ion:112 Resp: 192340
Ion Ratio Lower Upper
112 100
64 55.6 47.2 70.8
63 29.0 24.3 36.5

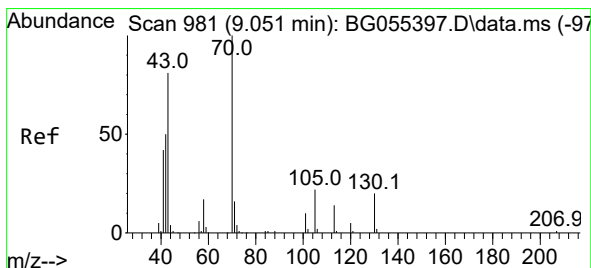
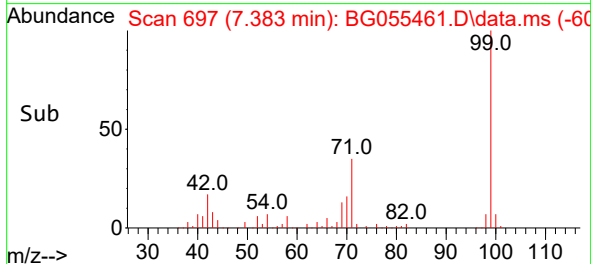
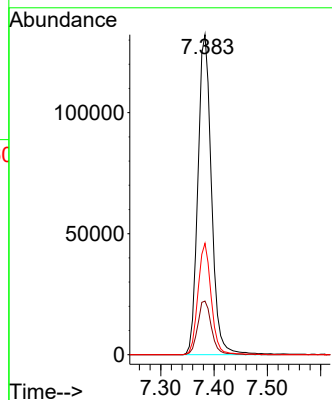
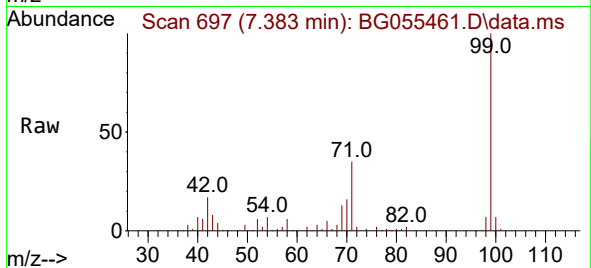




#7
Phenol-d6
Concen: 133.318 ng
RT: 7.383 min Scan# 697
Delta R.T. -0.001 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

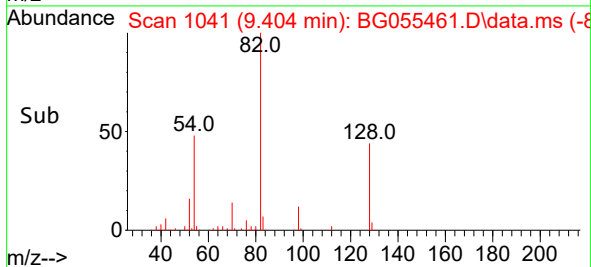
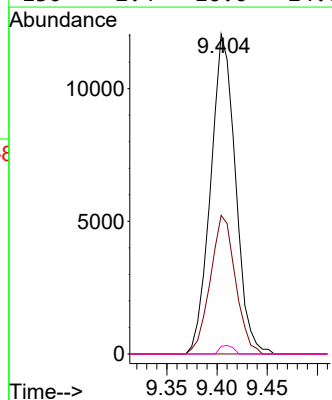
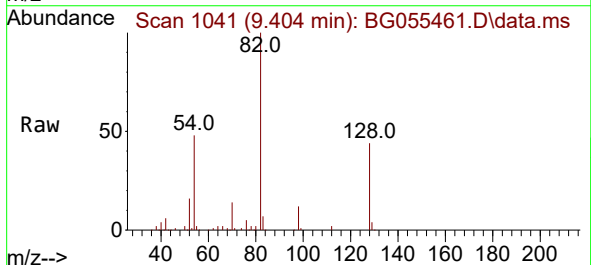
Instrument :
BNA_G
ClientSampleId :
TP-O

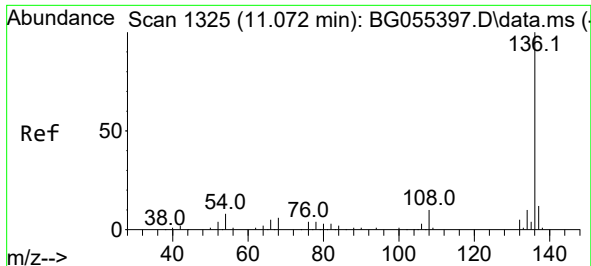
Tgt Ion: 99 Resp: 234207
Ion Ratio Lower Upper
99 100
42 16.7 13.5 20.3
71 34.8 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.128 ng
RT: 9.404 min Scan# 1041
Delta R.T. 0.364 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

Tgt Ion: 70 Resp: 20766
Ion Ratio Lower Upper
70 100
42 43.3 40.6 61.0
101 0.0 7.8 11.6#
130 2.4 16.0 24.0#

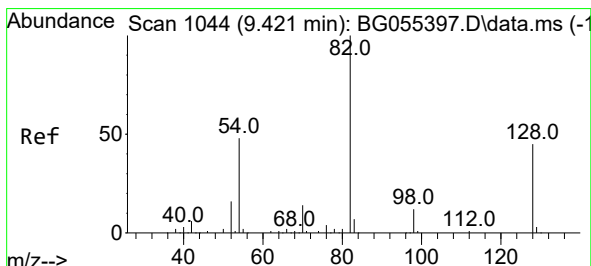
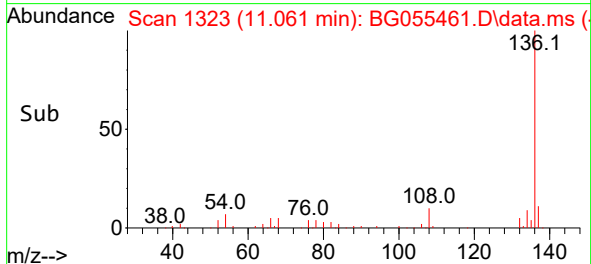
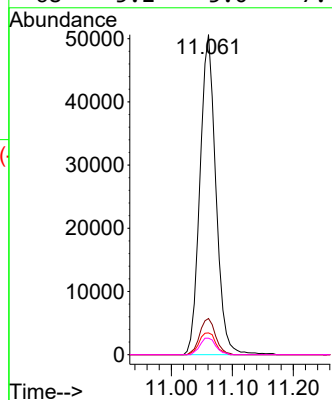
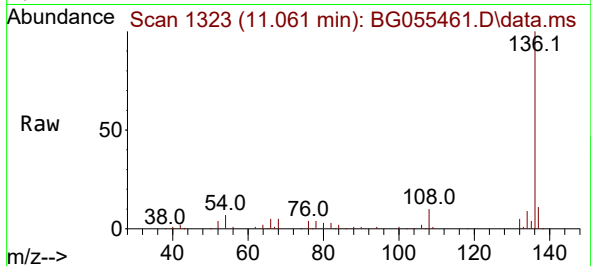




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

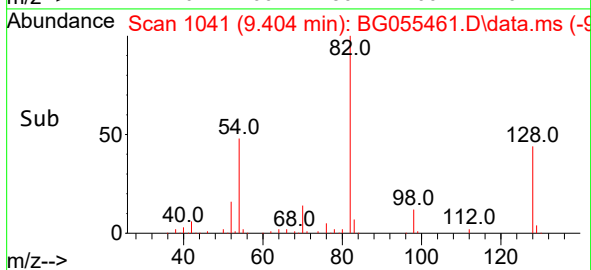
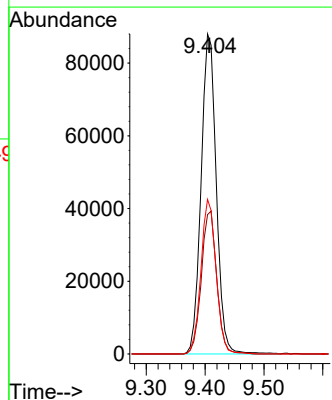
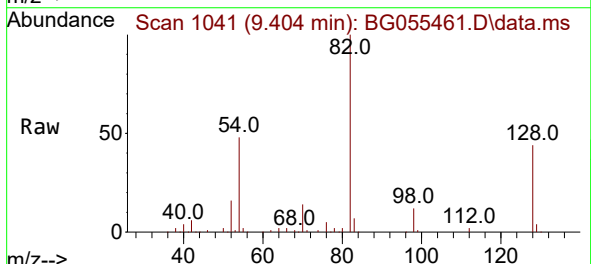
Instrument :
BNA_G
ClientSampleId :
TP-O

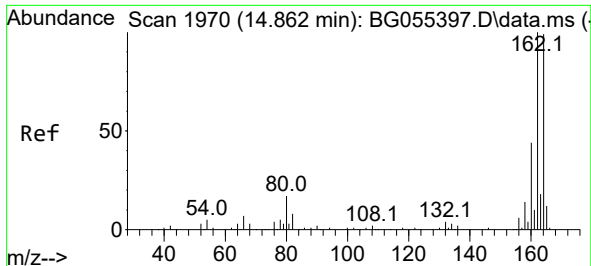
Tgt Ion:	136	Resp:	91807
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.4	14.2
54	6.8	6.1	9.1
68	5.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 91.435 ng
RT: 9.404 min Scan# 1041
Delta R.T. -0.007 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

Tgt Ion:	82	Resp:	157508
Ion Ratio	Lower	Upper	
82	100		
128	43.6	35.8	53.8
54	48.3	38.1	57.1

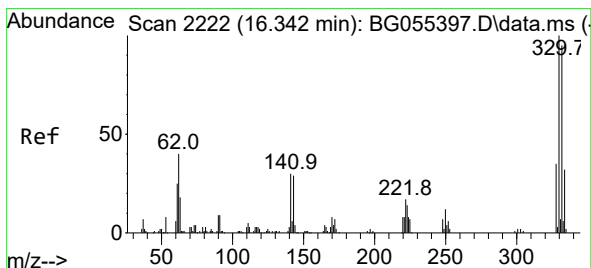
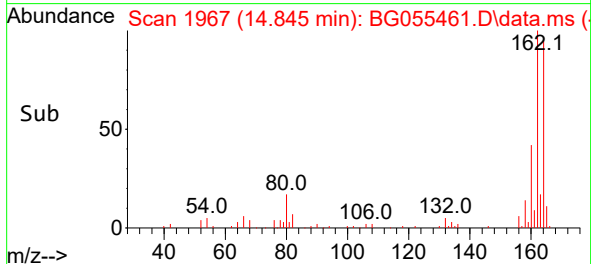
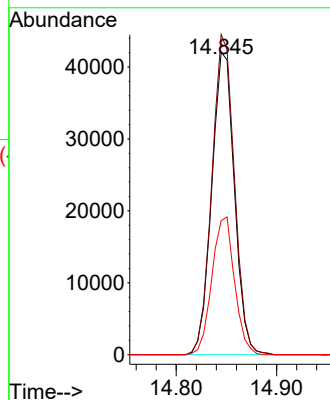
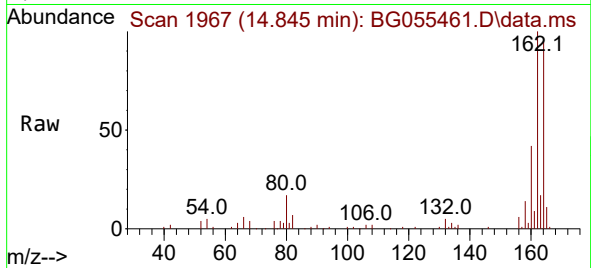




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.845 min Scan# 1970
Delta R.T. -0.012 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

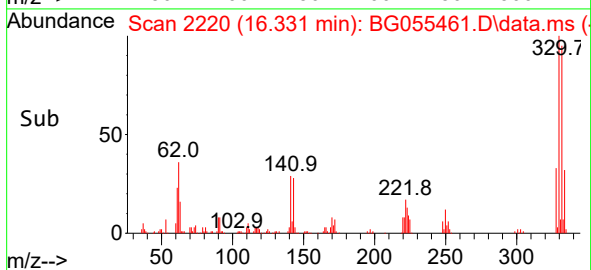
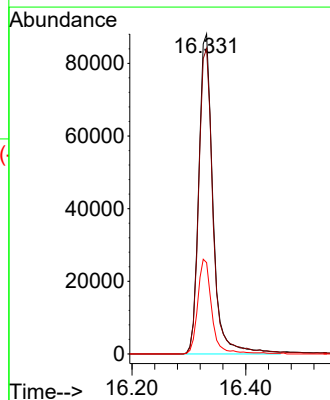
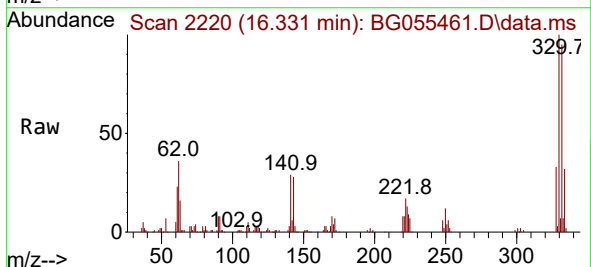
Instrument :
BNA_G
ClientSampleId :
TP-O

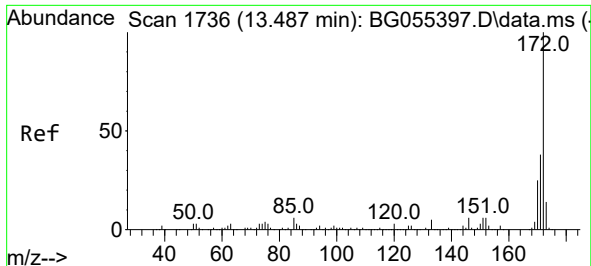
Tgt Ion:164 Resp: 66006
Ion Ratio Lower Upper
164 100
162 105.7 81.1 121.7
160 44.3 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 169.241 ng
RT: 16.331 min Scan# 2220
Delta R.T. -0.007 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

Tgt Ion:330 Resp: 152374
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 29.7 24.2 36.2

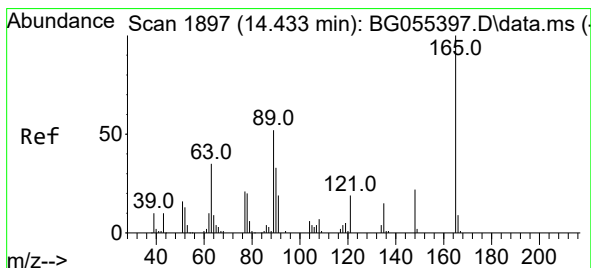
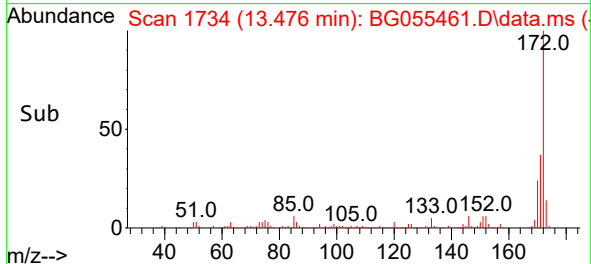
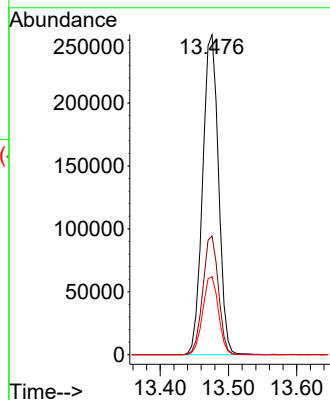
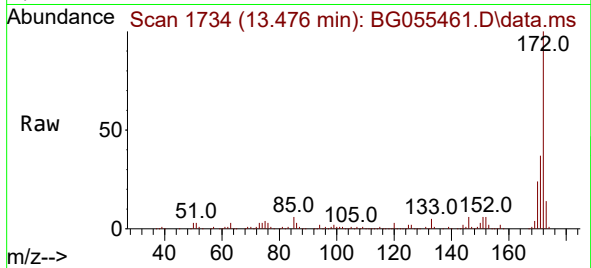




#45
2-Fluorobiphenyl
Concen: 92.067 ng
RT: 13.476 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

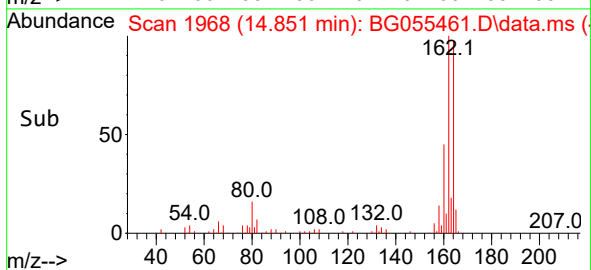
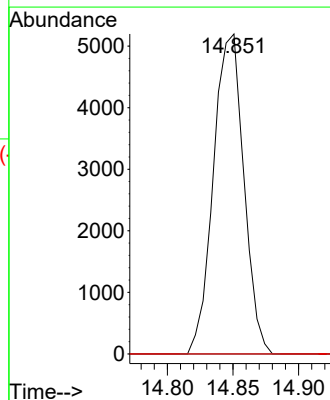
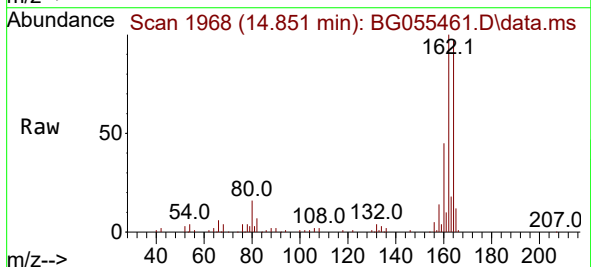
Instrument :
BNA_G
ClientSampleId :
TP-O

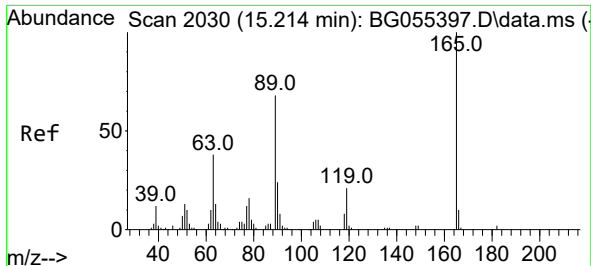
Tgt Ion:172 Resp: 409869
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.2
170 24.4 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.265 ng
RT: 14.851 min Scan# 1968
Delta R.T. 0.428 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

Tgt Ion:165 Resp: 8380
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: 5.081 ng

RT: 14.851 min Scan# 1968

Delta R.T. -0.359 min

Lab File: BG055461.D

Acq: 4 Nov 2022 19:53

Instrument :

BNA_G

ClientSampleId :

TP-O

Tgt Ion:165 Resp: 8380

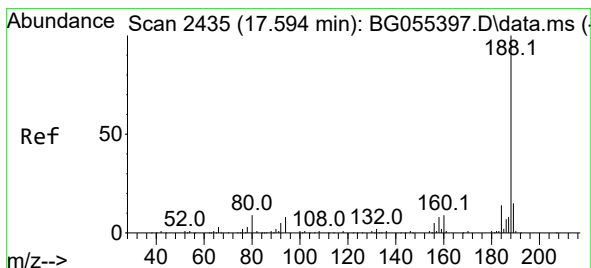
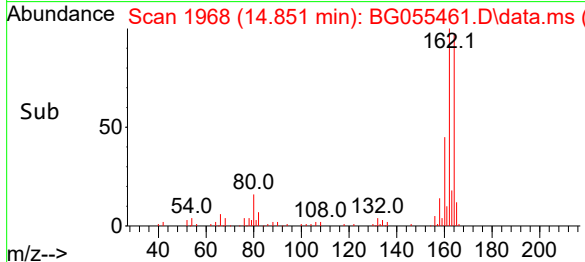
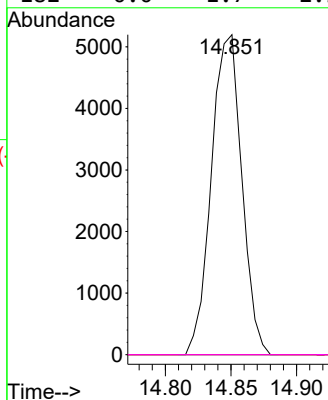
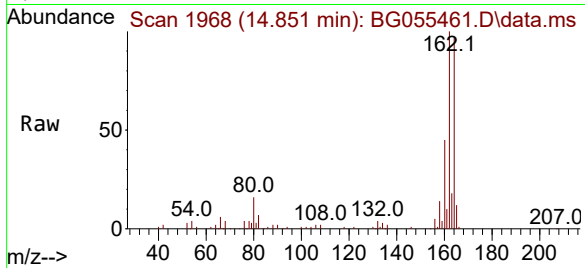
Ion Ratio Lower Upper

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: BG055461.D

Acq: 4 Nov 2022 19:53

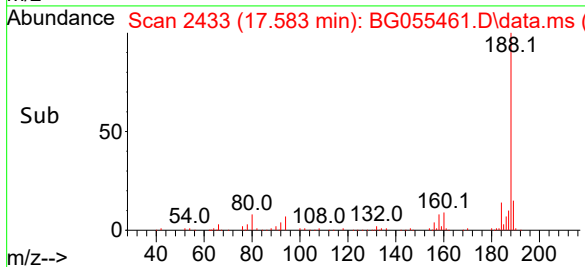
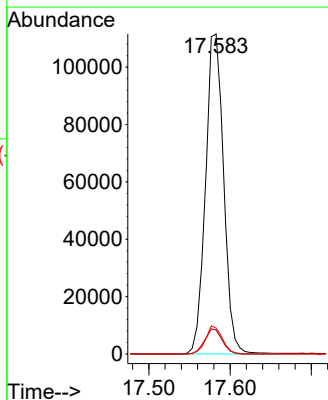
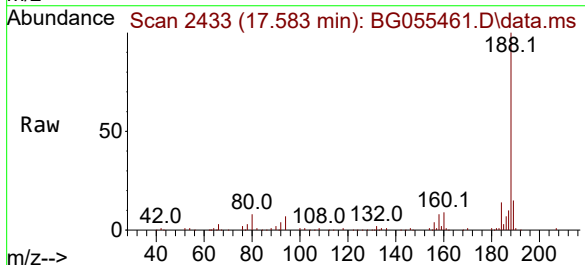
Tgt Ion:188 Resp: 172491

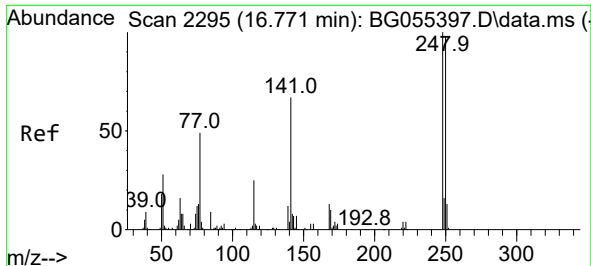
Ion Ratio Lower Upper

188 100

94 7.4 6.5 9.7

80 8.1 7.4 11.0

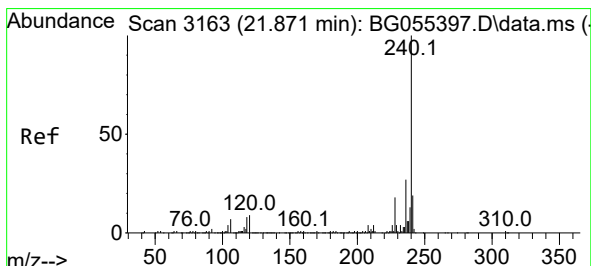
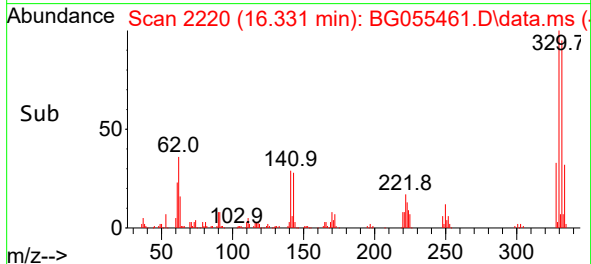
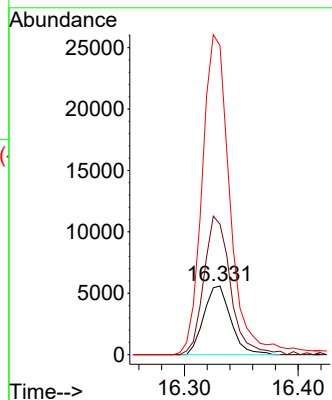
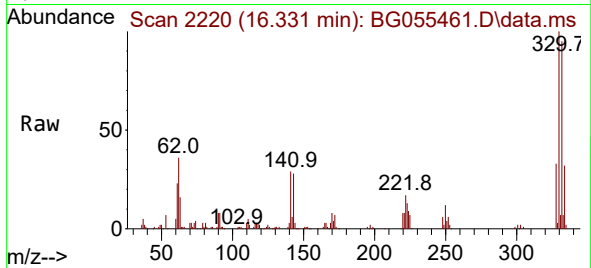




#67
4-Bromophenyl-phenylether
Concen: 4.499 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

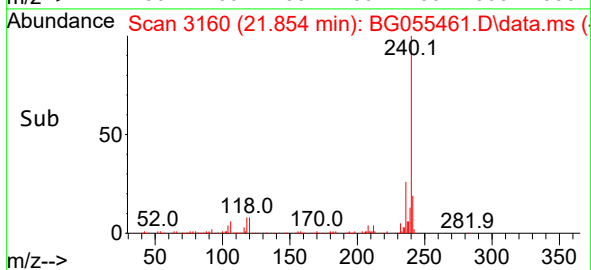
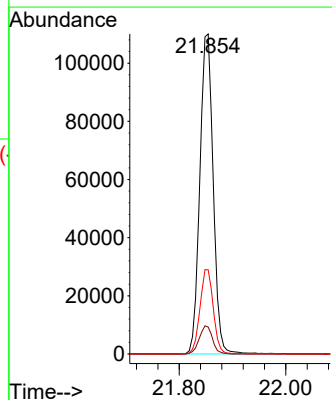
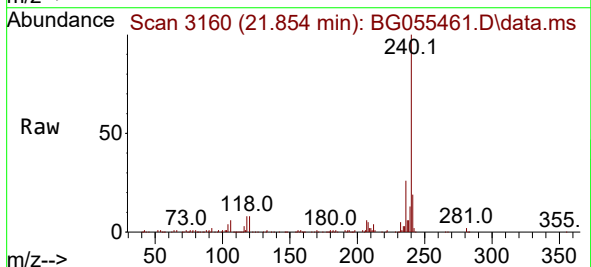
Instrument :
BNA_G
ClientSampleId :
TP-O

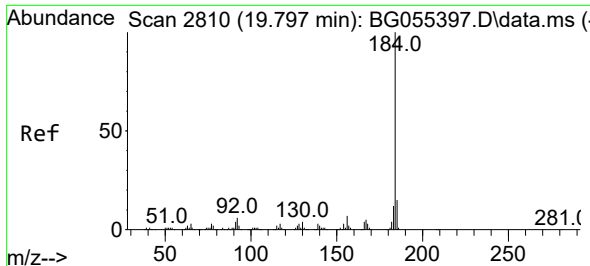
Tgt Ion:248 Resp: 9174
Ion Ratio Lower Upper
248 100
250 190.1 78.3 117.5#
141 450.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.007 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

Tgt Ion:240 Resp: 191140
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 26.3 21.5 32.3

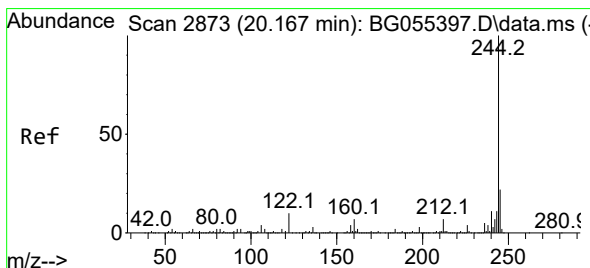
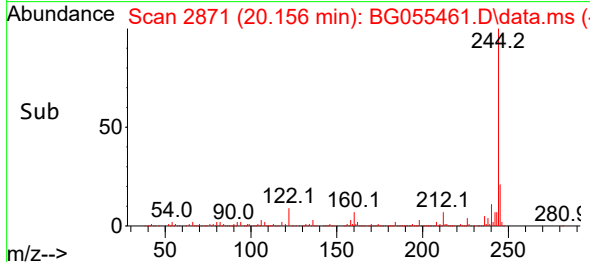
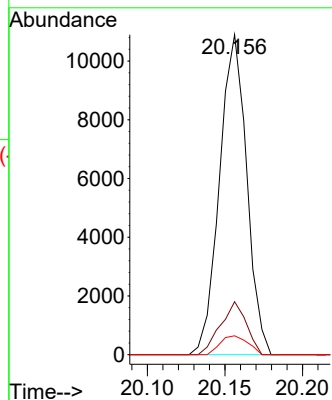
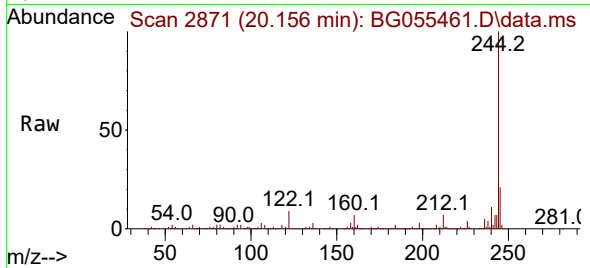




#77
Benzidine
Concen: 3.337 ng
RT: 20.156 min Scan# 2871
Delta R.T. 0.364 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

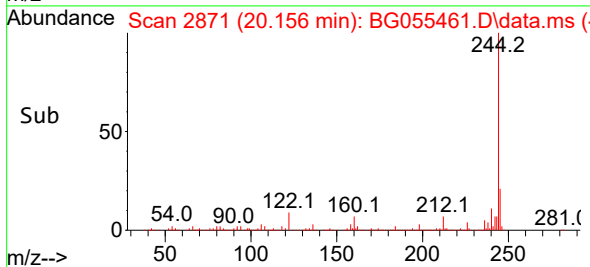
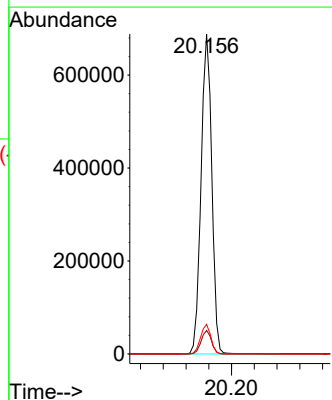
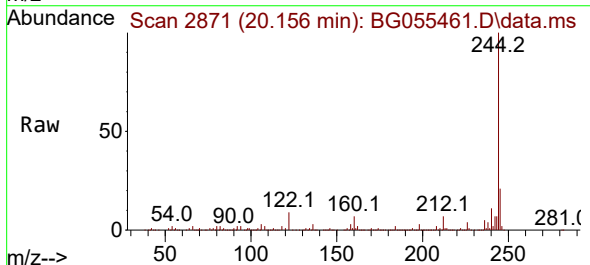
Instrument :
BNA_G
ClientSampleId :
TP-O

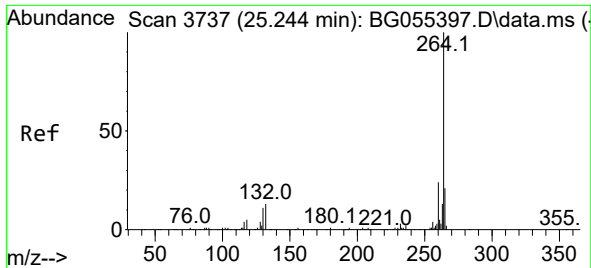
Tgt Ion:184 Resp: 13280
Ion Ratio Lower Upper
184 100
185 16.6 11.7 17.5
183 5.9 9.8 14.8#



#79
Terphenyl-d14
Concen: 91.851 ng
RT: 20.156 min Scan# 2871
Delta R.T. -0.007 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

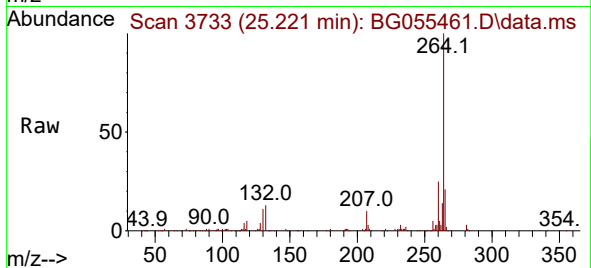
Tgt Ion:244 Resp: 902860
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 9.3 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.221 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG055461.D
 Acq: 4 Nov 2022 19:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-O



Tgt Ion:264 Resp: 205506
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.9 28.3
 265 21.1 17.1 25.7

