

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054987.D
 Acq On : 20 Sep 2022 15:21
 Operator : CG/JU
 Sample : N4697-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 02:52:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

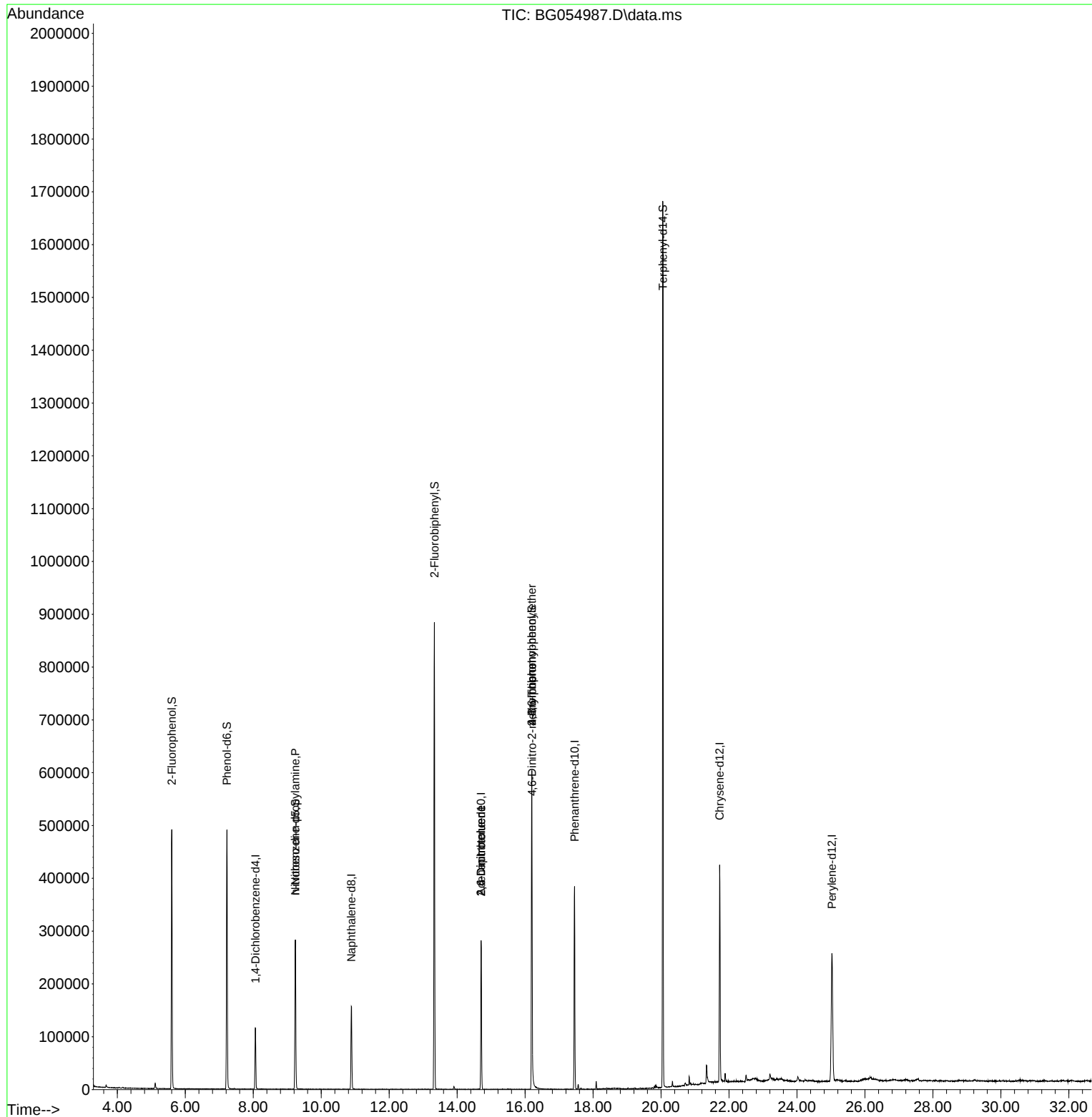
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	37103	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	151035	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	104714	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	257001	20.000	ng	0.00
76) Chrysene-d12	21.724	240	261679	20.000	ng	0.00
86) Perylene-d12	25.026	264	274452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.602	112	242117	127.684	ng	0.00
7) Phenol-d6	7.224	99	320196	125.980	ng	0.00
23) Nitrobenzene-d5	9.239	82	184510	70.808	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	150882	122.996	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	480676	72.343	ng	0.00
79) Terphenyl-d14	20.050	244	861168	68.840	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.239	70	23190	13.256	ng	# 77
51) 2,6-Dinitrotoluene	14.703	165	13888	8.238	ng	# 20
57) 2,4-Dinitrotoluene	14.703	165	13888	5.791	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.201	198	289	5.187	ng	# 1
67) 4-Bromophenyl-phenylether	16.195	248	9443	3.332	ng	# 1

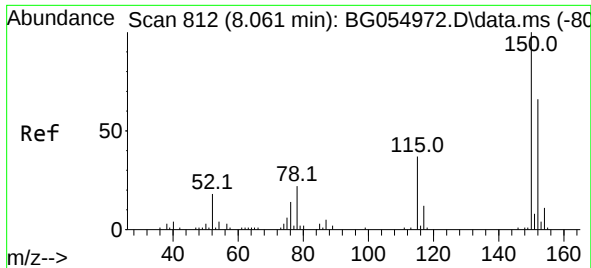
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
Data File : BG054987.D
Acq On : 20 Sep 2022 15:21
Operator : CG/JU
Sample : N4697-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

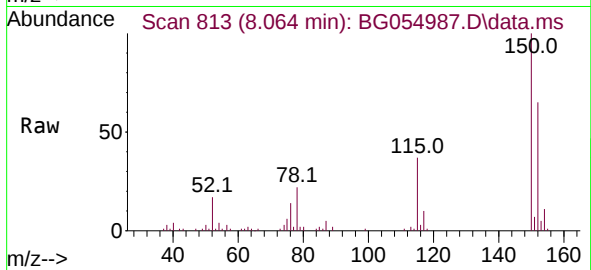
Quant Time: Sep 21 02:52:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 17:41:40 2022
Response via : Initial Calibration



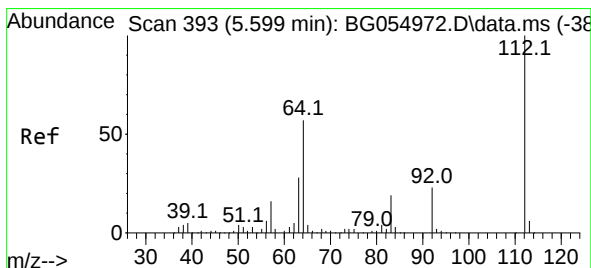
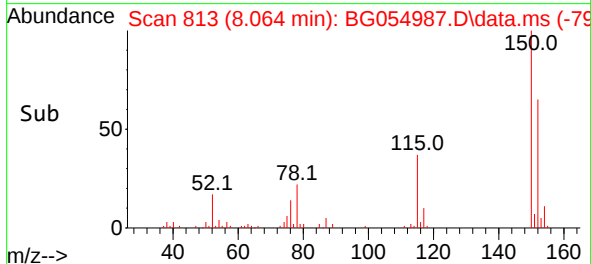
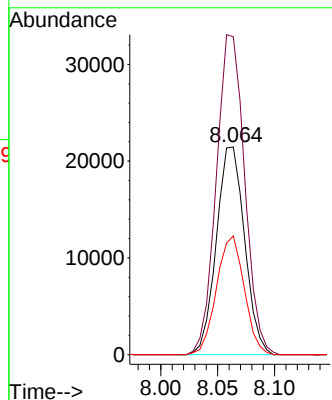


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

Instrument :
BNA_G
ClientSampleId :

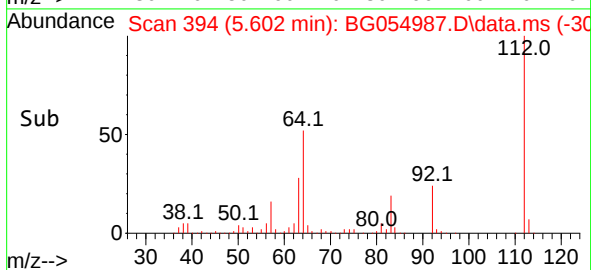
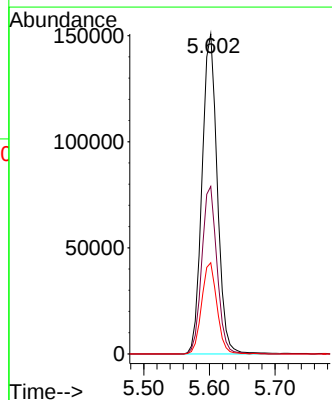
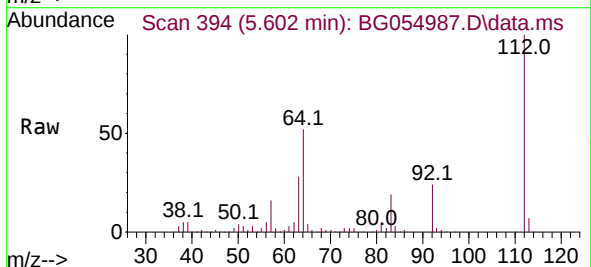


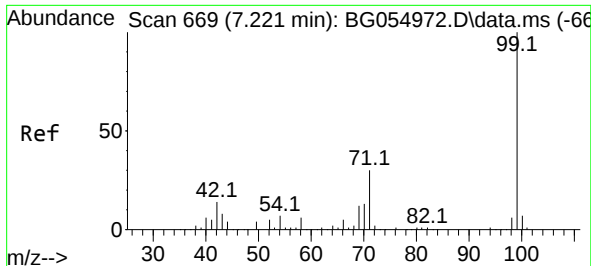
Tgt Ion:152 Resp: 37103
Ion Ratio Lower Upper
152 100
150 153.1 125.2 187.8
115 57.2 47.9 71.9



#5
2-Fluorophenol
Concen: 127.684 ng
RT: 5.602 min Scan# 394
Delta R.T. 0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

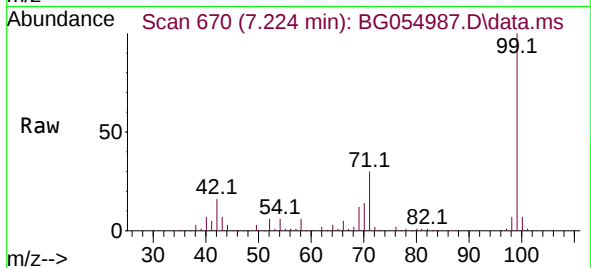
Tgt Ion:112 Resp: 242117
Ion Ratio Lower Upper
112 100
64 52.3 49.3 73.9
63 28.5 26.3 39.5



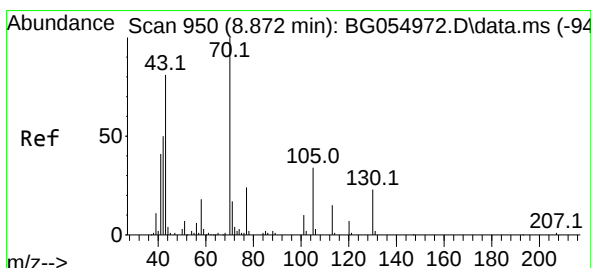
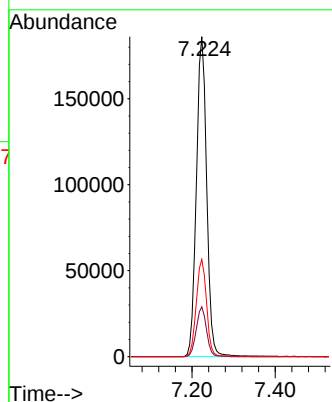
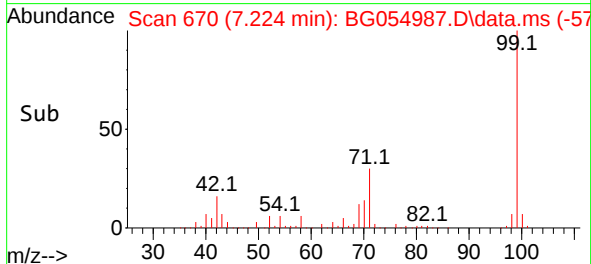


#7
Phenol-d6
Concen: 125.980 ng
RT: 7.224 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

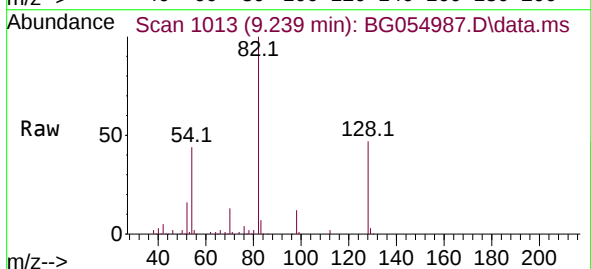
Instrument :
BNA_G
ClientSampleId :



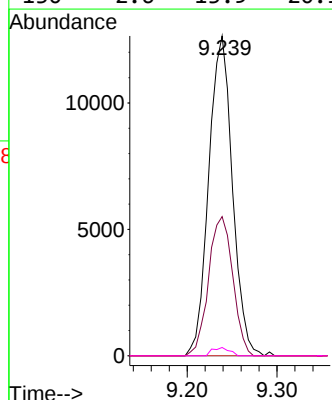
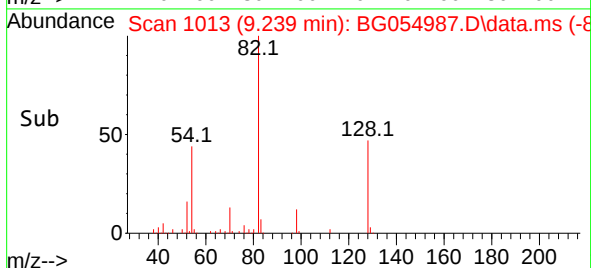
Tgt Ion: 99 Resp: 320196
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 30.4 24.6 37.0

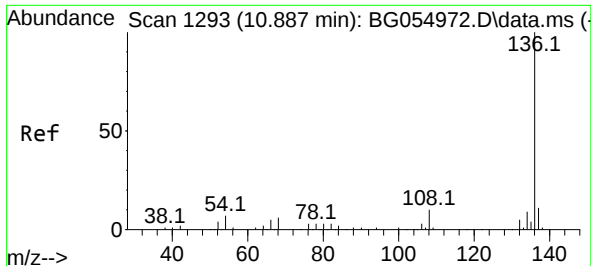


#19
n-Nitroso-di-n-propylamine
Concen: 13.256 ng
RT: 9.239 min Scan# 1013
Delta R.T. 0.367 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21



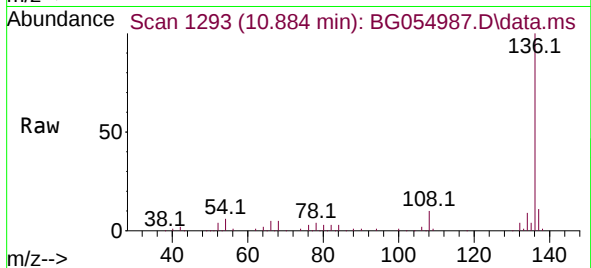
Tgt Ion: 70 Resp: 23190
Ion Ratio Lower Upper
70 100
42 43.5 46.6 69.8#
101 0.0 7.7 11.5#
130 2.6 13.9 20.9#



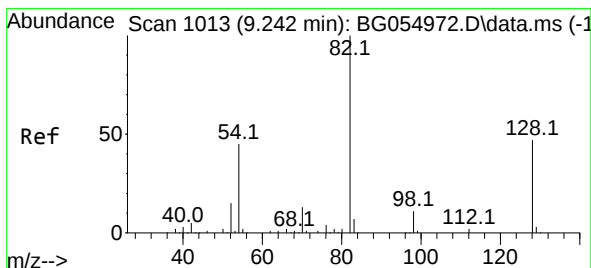
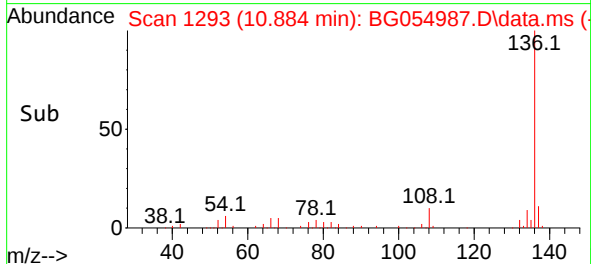
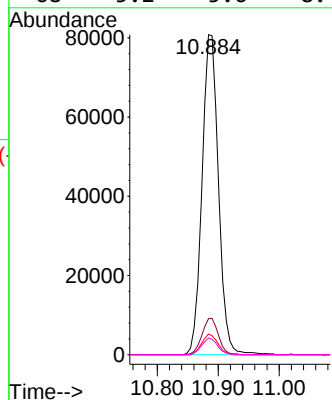


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

Instrument :
BNA_G
ClientSampleId :

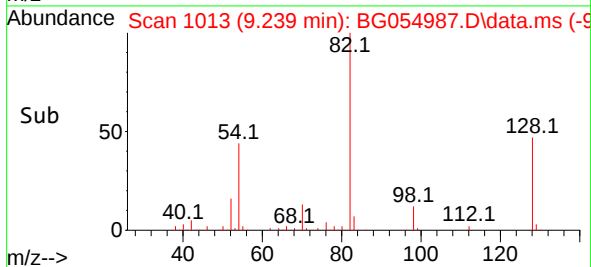
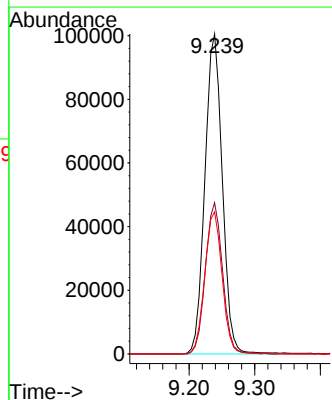
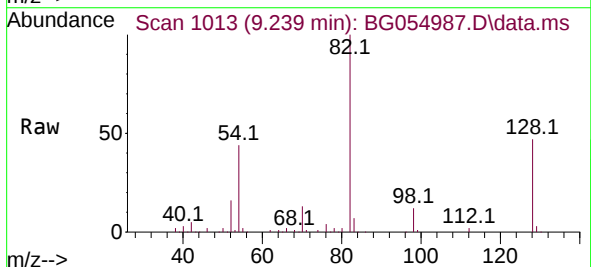


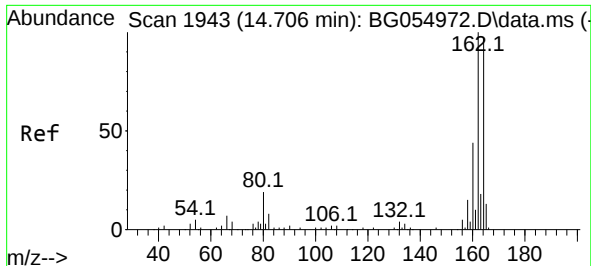
Tgt Ion:136 Resp: 151035
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.4 7.7 11.5#
68 5.2 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 70.808 ng
RT: 9.239 min Scan# 1013
Delta R.T. -0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

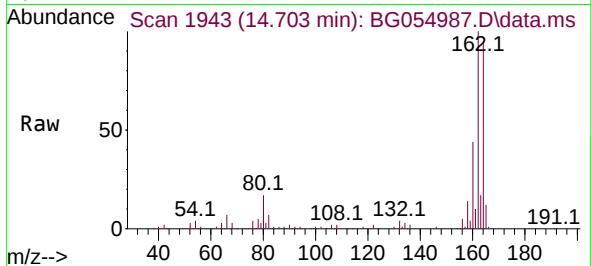
Tgt Ion: 82 Resp: 184510
Ion Ratio Lower Upper
82 100
128 47.2 32.2 48.2
54 44.4 41.4 62.0



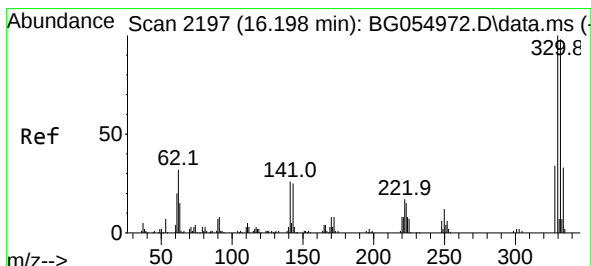
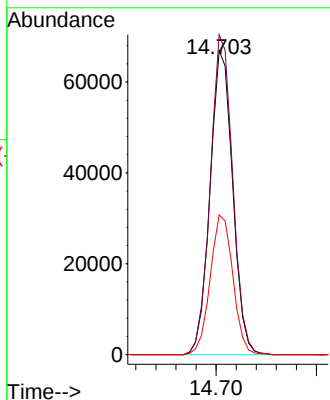
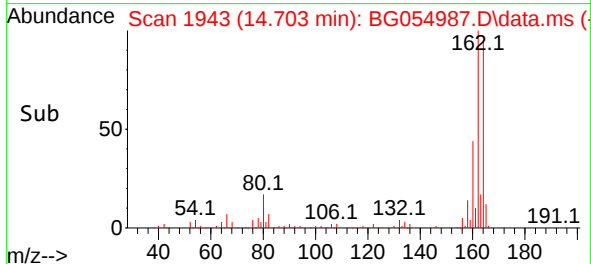


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1943
Delta R.T. -0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

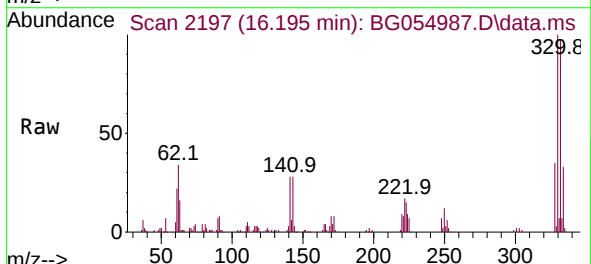
Instrument :
BNA_G
ClientSampleId :



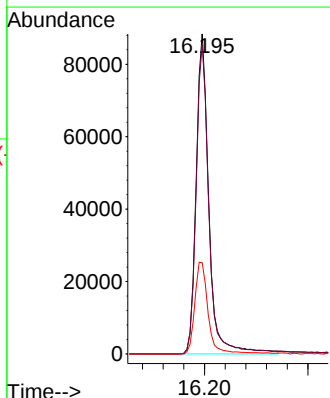
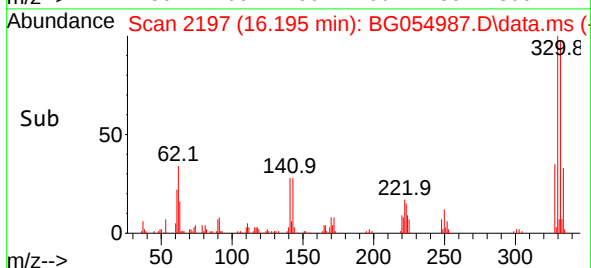
Tgt Ion:164 Resp: 104714
Ion Ratio Lower Upper
164 100
162 105.2 83.0 124.4
160 46.0 38.0 57.0

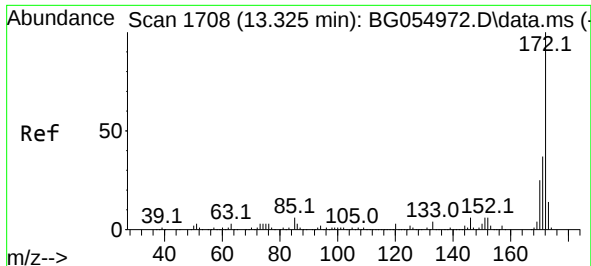


#42
2,4,6-Tribromophenol
Concen: 122.996 ng
RT: 16.195 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21



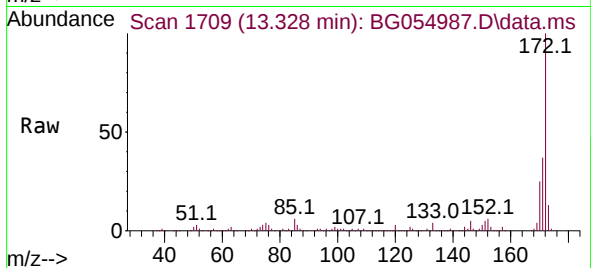
Tgt Ion:330 Resp: 150882
Ion Ratio Lower Upper
330 100
332 96.9 79.8 119.6
141 30.1 26.8 40.2



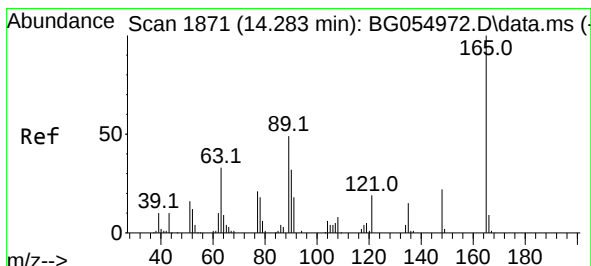
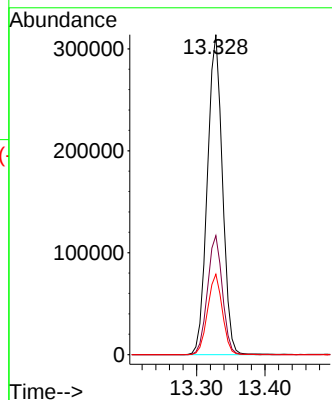
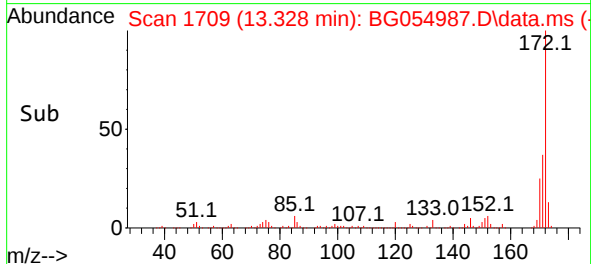


#45
2-Fluorobiphenyl
Concen: 72.343 ng
RT: 13.328 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

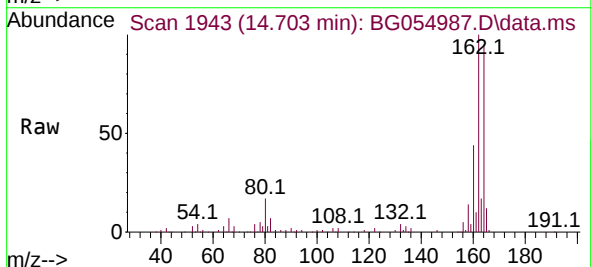
Instrument :
BNA_G
ClientSampleId :



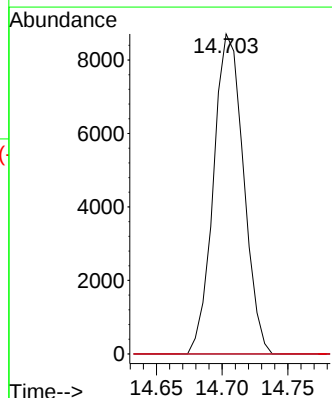
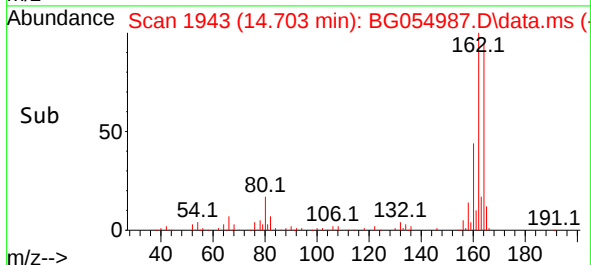
Tgt Ion:172 Resp: 480676
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 25.1 20.6 30.8

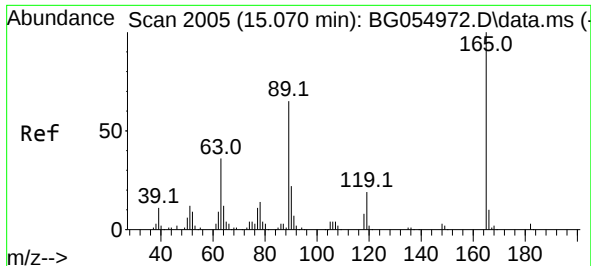


#51
2,6-Dinitrotoluene
Concen: 8.238 ng
RT: 14.703 min Scan# 1943
Delta R.T. 0.420 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21



Tgt Ion:165 Resp: 13888
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.791 ng

RT: 14.703 min Scan# 1943

Delta R.T. -0.367 min

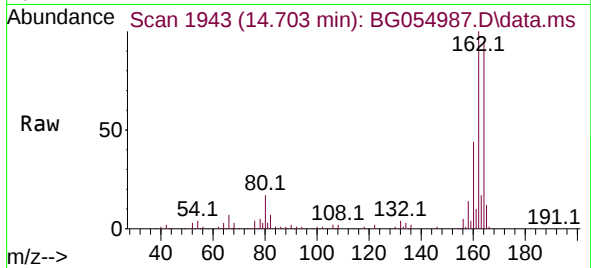
Lab File: BG054987.D

Acq: 20 Sep 2022 15:21

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 13888

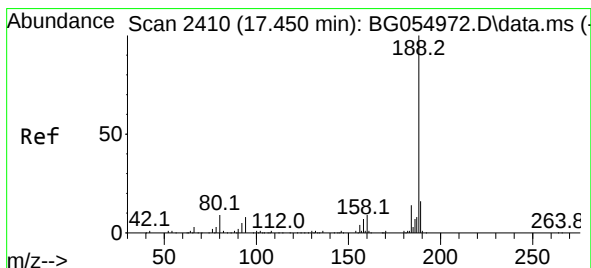
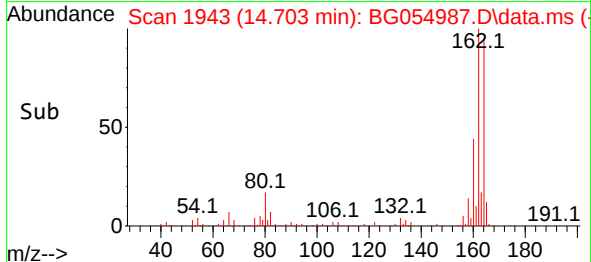
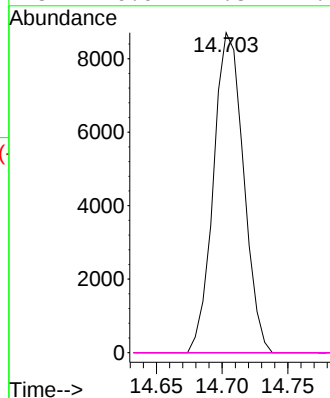
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.453 min Scan# 2411

Delta R.T. 0.003 min

Lab File: BG054987.D

Acq: 20 Sep 2022 15:21

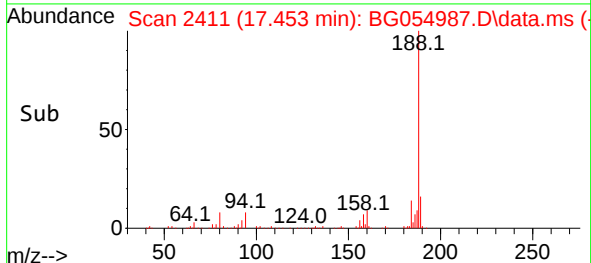
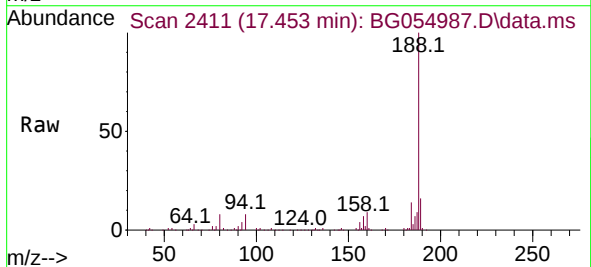
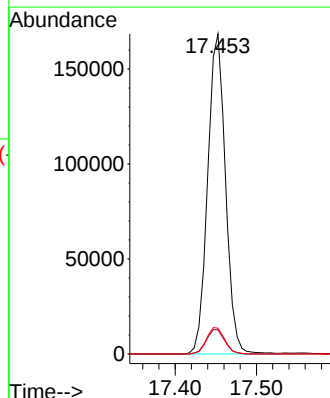
Tgt Ion:188 Resp: 257001

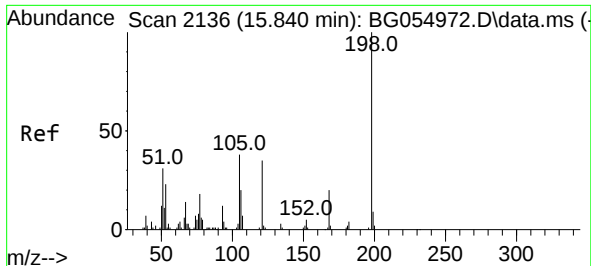
Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.4

80 8.0 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 5.187 ng

RT: 16.201 min Scan# 2198

Delta R.T. 0.361 min

Lab File: BG054987.D

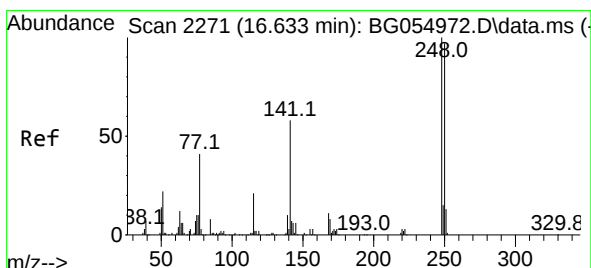
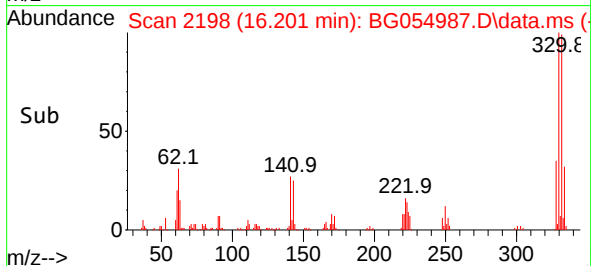
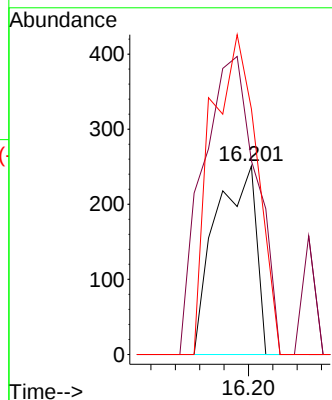
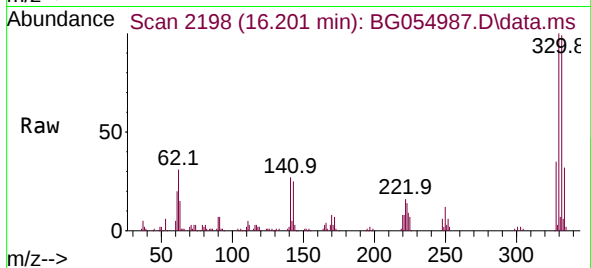
Acq: 20 Sep 2022 15:21

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:198	Resp:	289
Ion Ratio	Lower	Upper
198 100		
51 102.8	19.9	59.9#
105 130.3	20.3	60.3#



#67

4-Bromophenyl-phenylether

Concen: 3.332 ng

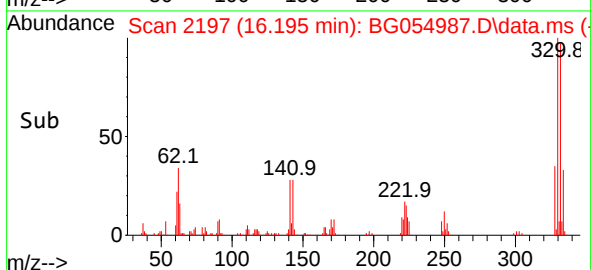
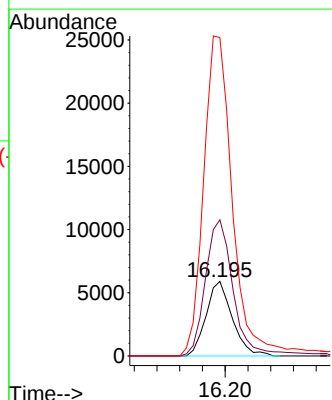
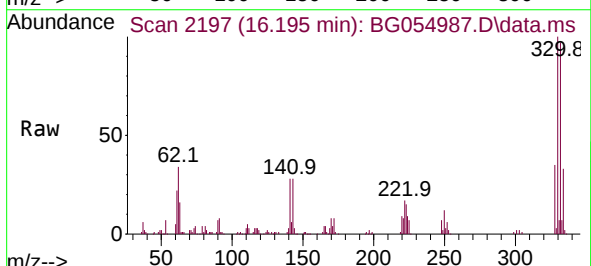
RT: 16.195 min Scan# 2197

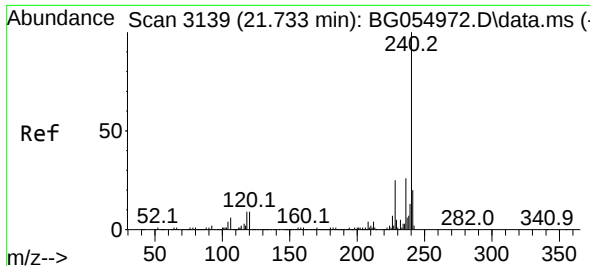
Delta R.T. -0.438 min

Lab File: BG054987.D

Acq: 20 Sep 2022 15:21

Tgt Ion:248	Resp:	9443
Ion Ratio	Lower	Upper
248 100		
250 182.8	78.8	118.2#
141 427.4	51.9	77.9#

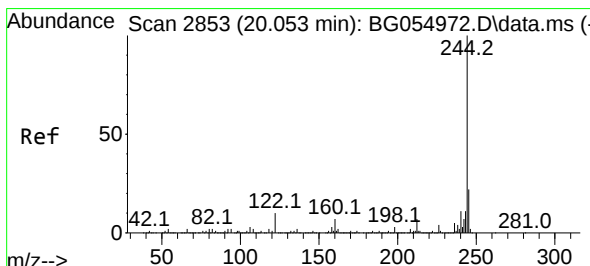
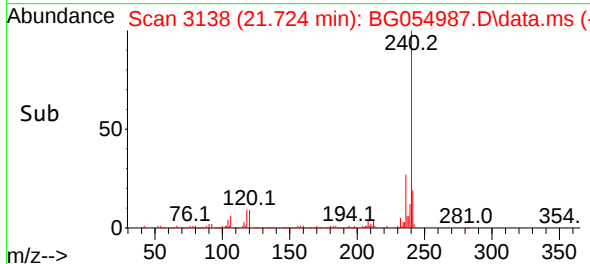
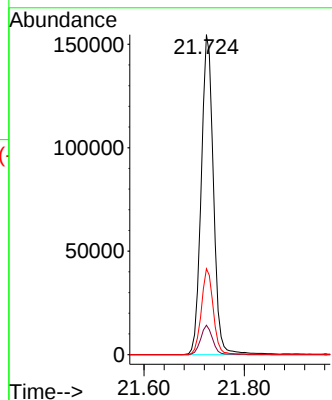
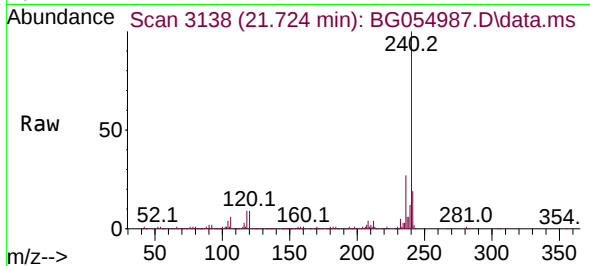




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3139
Delta R.T. -0.009 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

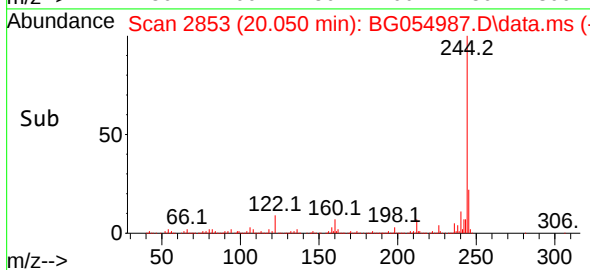
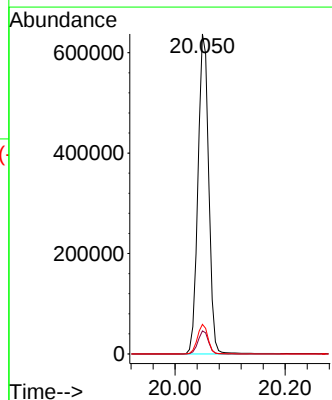
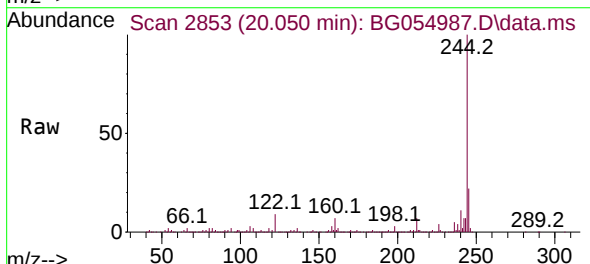
Instrument :
BNA_G
ClientSampleId :

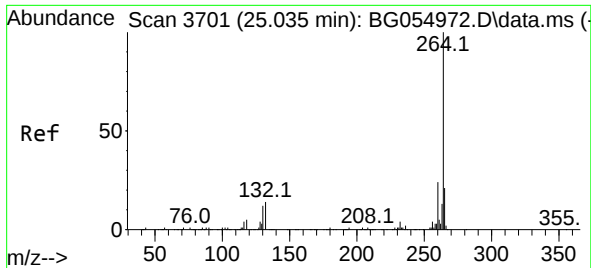
Tgt Ion:240 Resp: 261679
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.4
236 26.8 21.2 31.8



#79
Terphenyl-d14
Concen: 68.840 ng
RT: 20.050 min Scan# 2853
Delta R.T. -0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

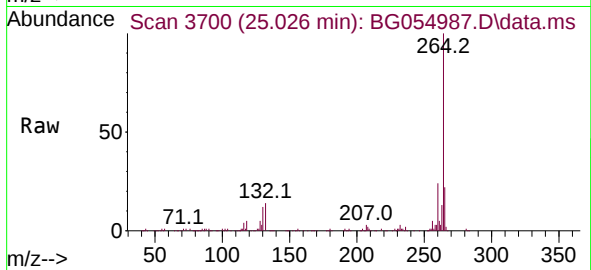
Tgt Ion:244 Resp: 861168
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 9.2 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.026 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG054987.D
 Acq: 20 Sep 2022 15:21

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 274452
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 21.5 16.9 25.3

