

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054989.D
 Acq On : 20 Sep 2022 16:46
 Operator : CG/JU
 Sample : N4697-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 02:53:22 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)

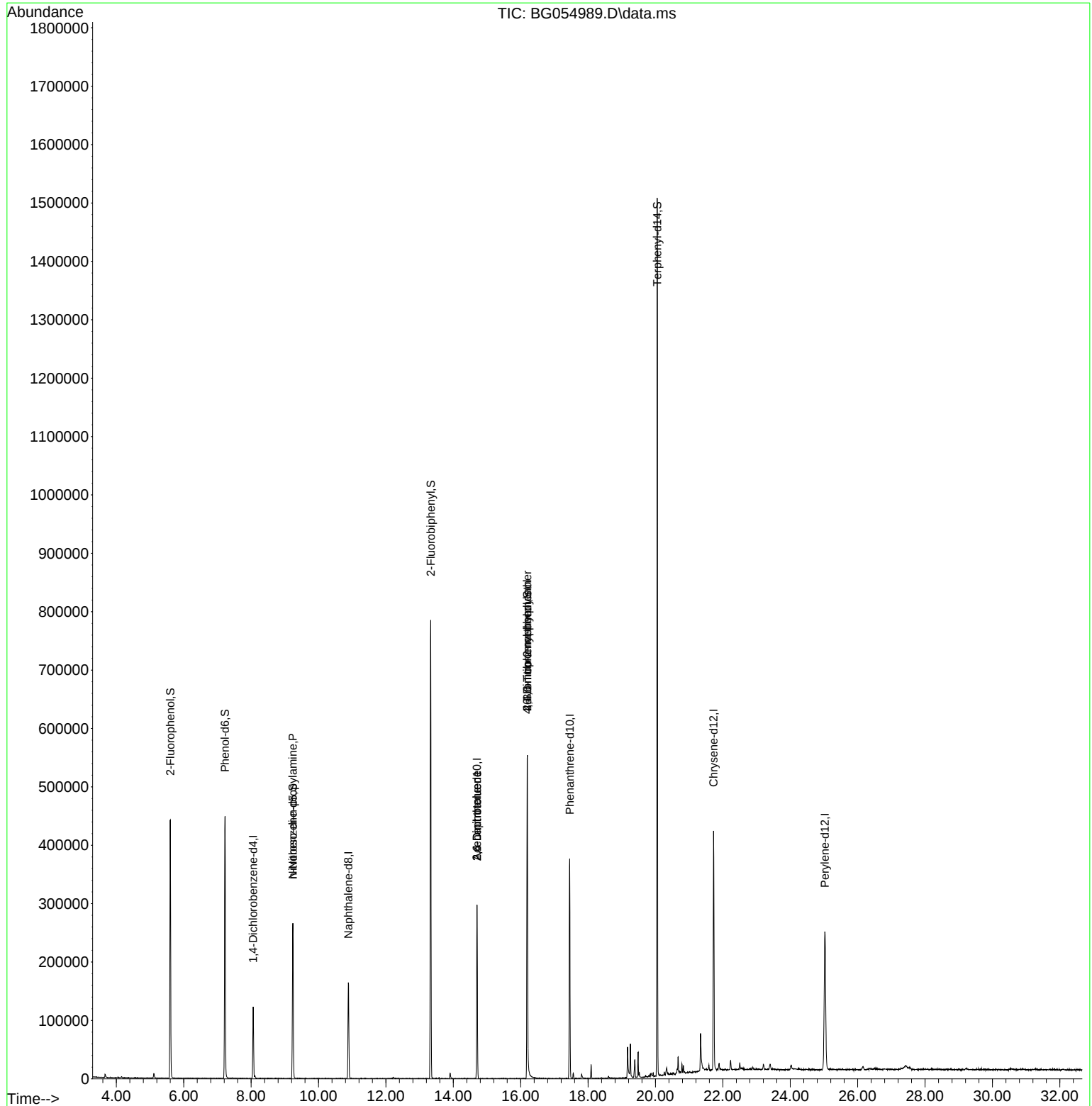
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	38267	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	156922	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	108512	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	262145	20.000	ng	0.00
76) Chrysene-d12	21.725	240	260502	20.000	ng	0.00
86) Perylene-d12	25.027	264	273034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.602	112	226885	116.012	ng	0.00
7) Phenol-d6	7.224	99	298367	113.821	ng	0.00
23) Nitrobenzene-d5	9.239	82	171347	63.290	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	136170	107.118	ng	0.00
45) 2-Fluorobiphenyl	13.329	172	435841	63.299	ng	0.00
79) Terphenyl-d14	20.050	244	748906	60.137	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.239	70	21433	11.879	ng	# 78
51) 2,6-Dinitrotoluene	14.704	165	14386	8.235	ng	# 20
57) 2,4-Dinitrotoluene	14.704	165	14386	5.789	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.190	198	202	5.125	ng	# 1
67) 4-Bromophenyl-phenylether	16.196	248	8480	2.933	ng	# 1

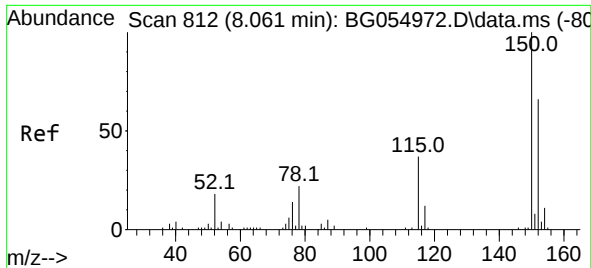
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
Data File : BG054989.D
Acq On : 20 Sep 2022 16:46
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
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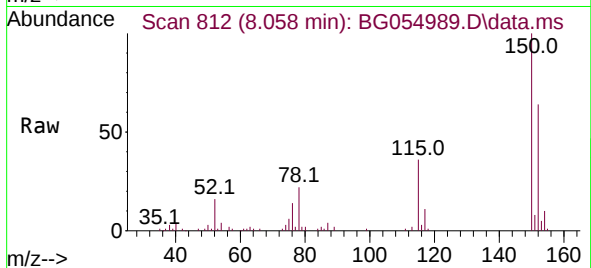
Quant Time: Sep 21 02:53:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 17:41:40 2022
Response via : Initial Calibration



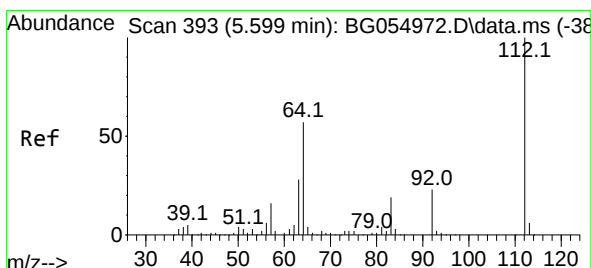
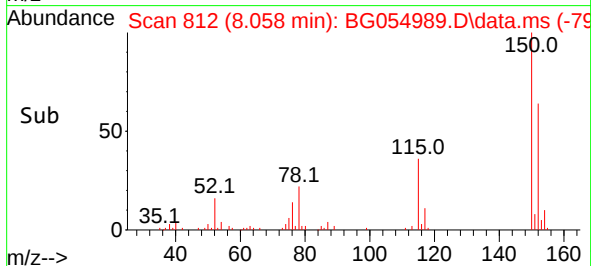
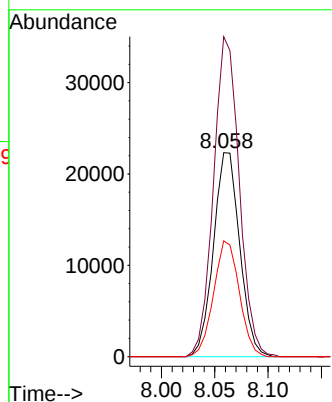


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

Instrument :
BNA_G
ClientSampleId :

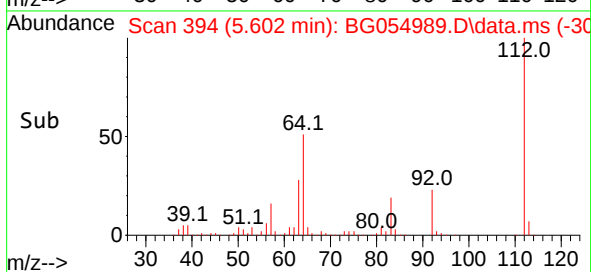
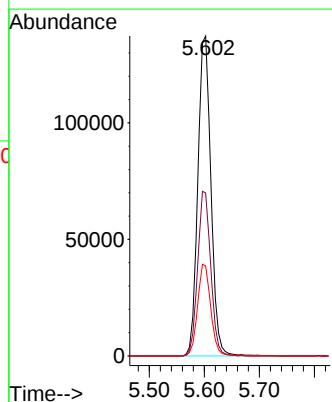
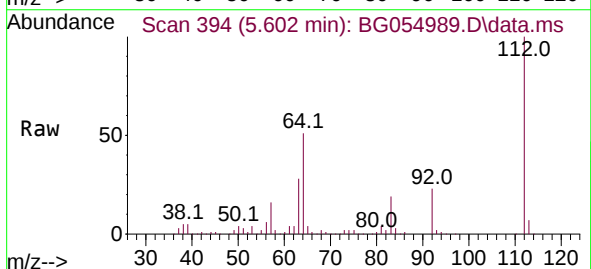


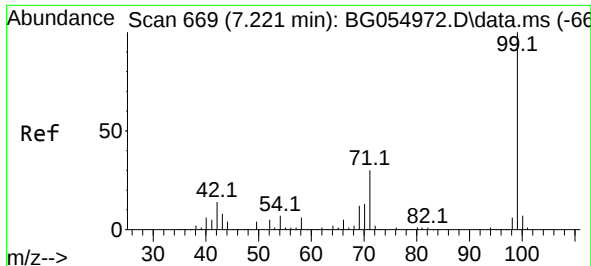
Tgt Ion:152 Resp: 38267
Ion Ratio Lower Upper
152 100
150 156.9 125.2 187.8
115 56.8 47.9 71.9



#5
2-Fluorophenol
Concen: 116.012 ng
RT: 5.602 min Scan# 394
Delta R.T. 0.003 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

Tgt Ion:112 Resp: 226885
Ion Ratio Lower Upper
112 100
64 50.9 49.3 73.9
63 28.1 26.3 39.5

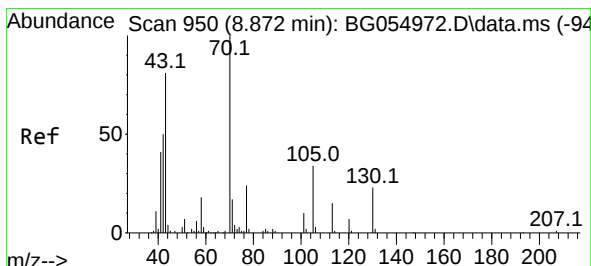
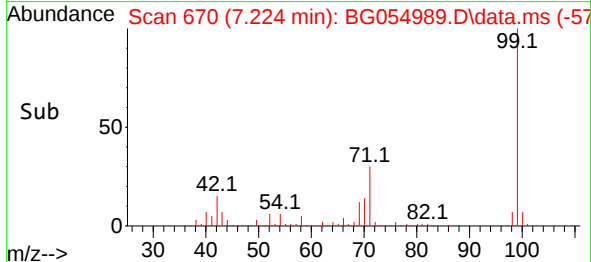
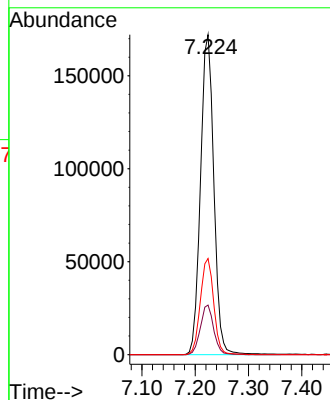
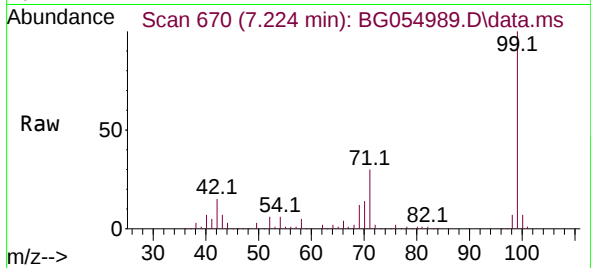




#7
Phenol-d6
Concen: 113.821 ng
RT: 7.224 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

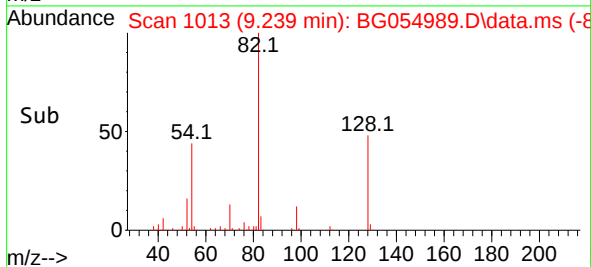
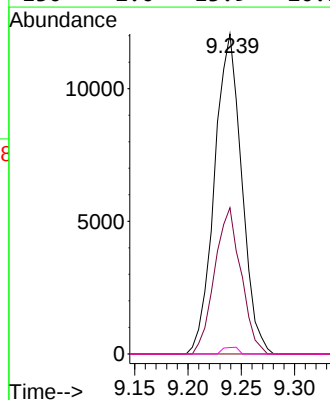
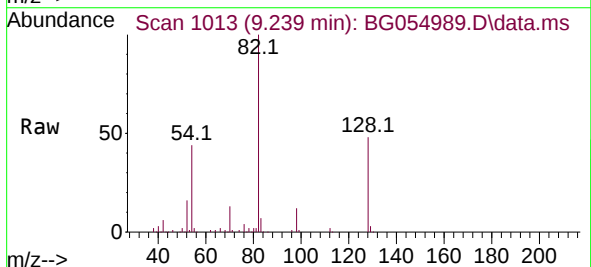
Instrument :
BNA_G
ClientSampleId :

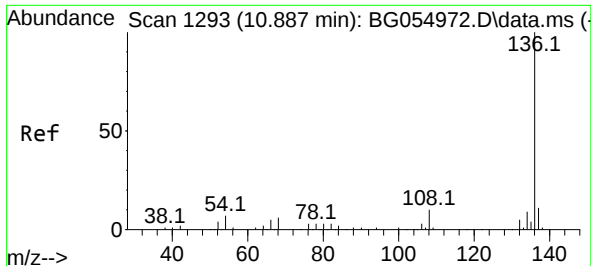
Tgt Ion: 99 Resp: 298367
Ion Ratio Lower Upper
99 100
42 15.5 14.6 22.0
71 30.0 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.879 ng
RT: 9.239 min Scan# 1013
Delta R.T. 0.368 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

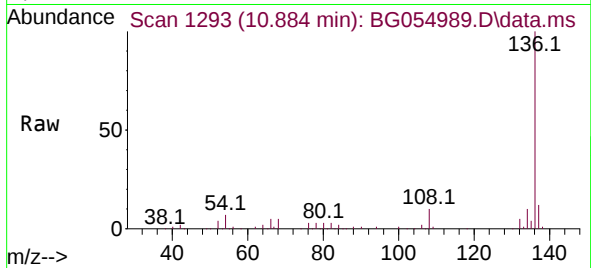
Tgt Ion: 70 Resp: 21433
Ion Ratio Lower Upper
70 100
42 45.7 46.6 69.8#
101 0.0 7.7 11.5#
130 2.0 13.9 20.9#



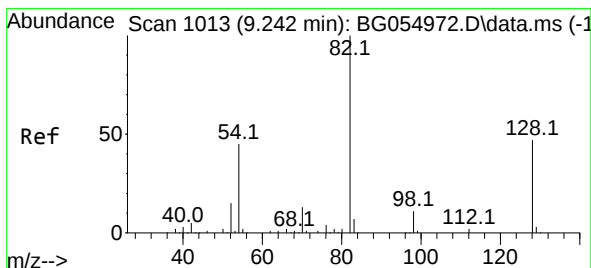
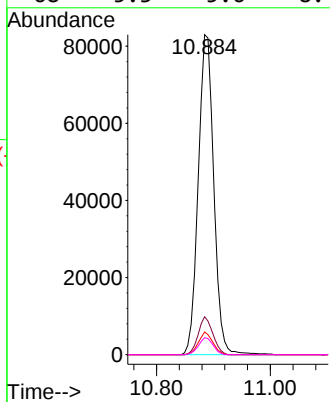
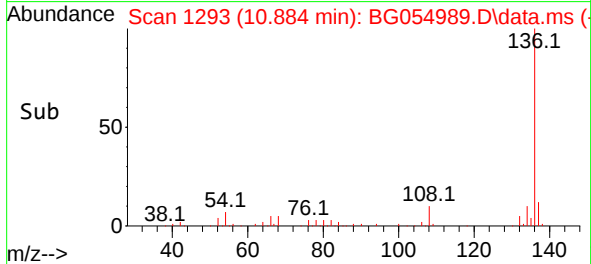


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 1293
Delta R.T. -0.002 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

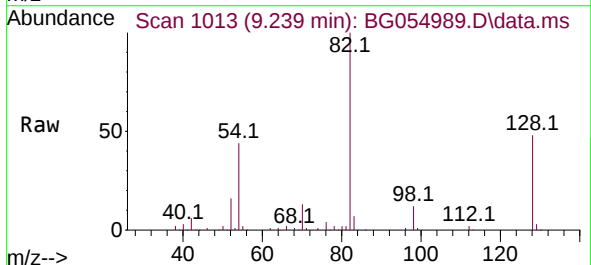
Instrument :
BNA_G
ClientSampleId :



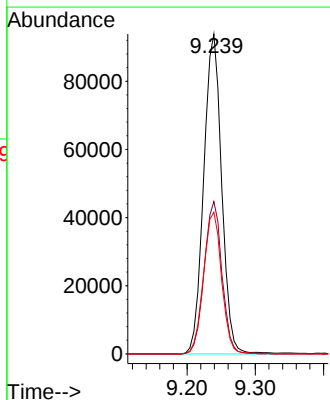
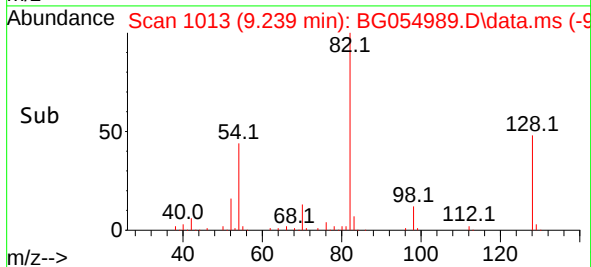
Tgt Ion:136 Resp: 156922
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 7.1 7.7 11.5#
68 5.3 5.6 8.4#

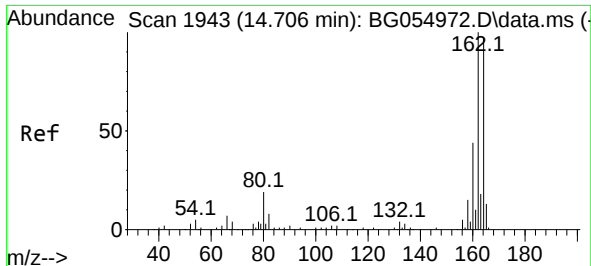


#23
Nitrobenzene-d5
Concen: 63.290 ng
RT: 9.239 min Scan# 1013
Delta R.T. -0.002 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46



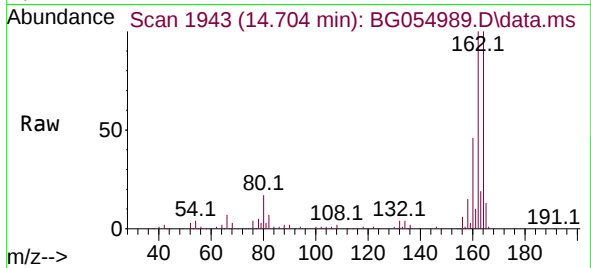
Tgt Ion: 82 Resp: 171347
Ion Ratio Lower Upper
82 100
128 47.6 32.2 48.2
54 44.3 41.4 62.0



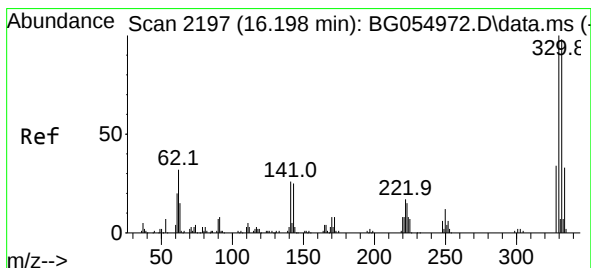
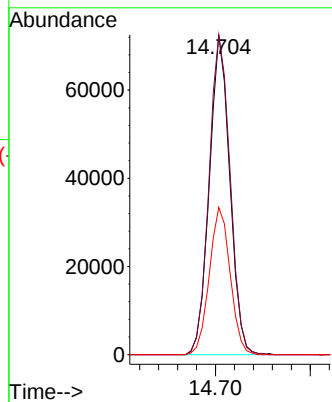
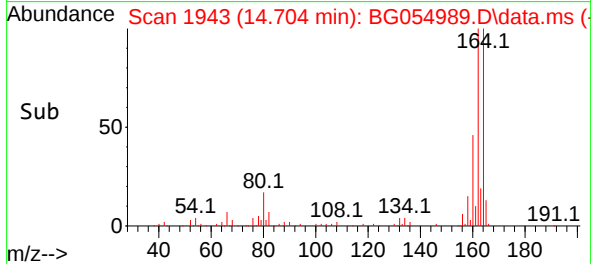


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1943
Delta R.T. -0.002 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

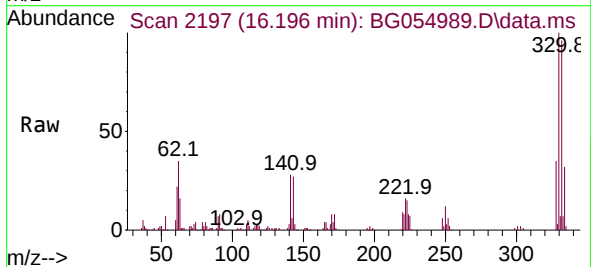
Instrument :
BNA_G
ClientSampleId :



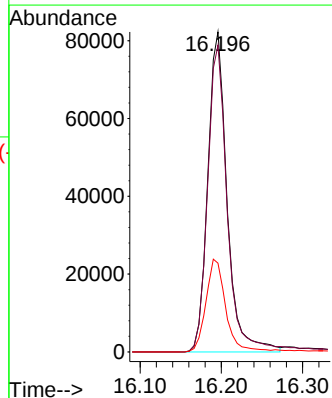
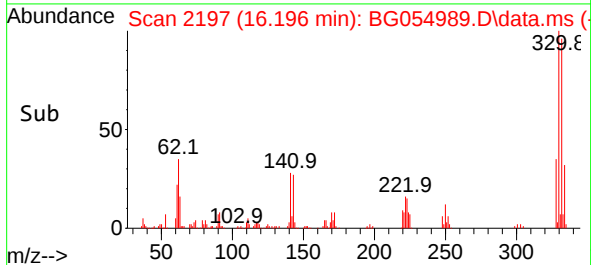
Tgt Ion:164 Resp: 108512
Ion Ratio Lower Upper
164 100
162 100.3 83.0 124.4
160 46.1 38.0 57.0

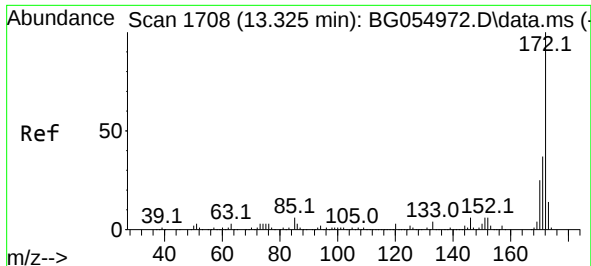


#42
2,4,6-Tribromophenol
Concen: 107.118 ng
RT: 16.196 min Scan# 2197
Delta R.T. -0.002 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46



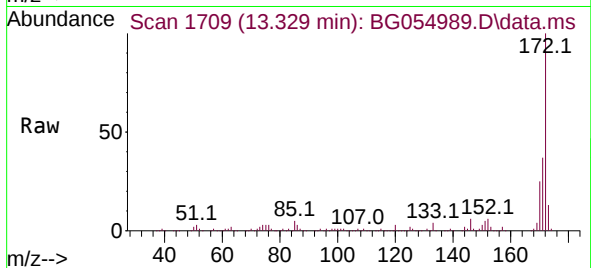
Tgt Ion:330 Resp: 136170
Ion Ratio Lower Upper
330 100
332 99.8 79.8 119.6
141 30.4 26.8 40.2



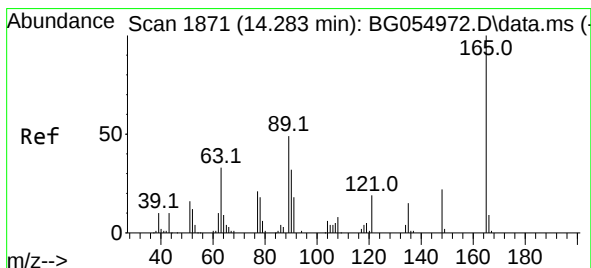
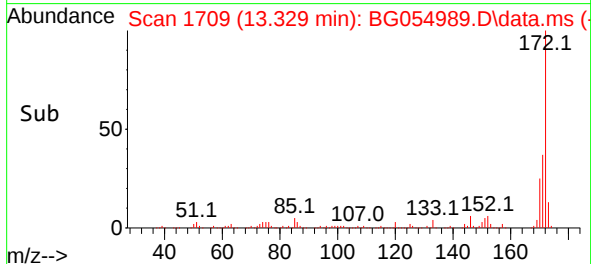
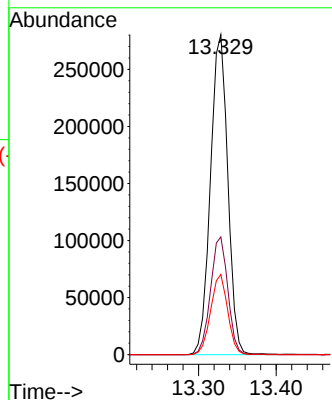


#45
2-Fluorobiphenyl
Concen: 63.299 ng
RT: 13.329 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

Instrument :
BNA_G
ClientSampleId :

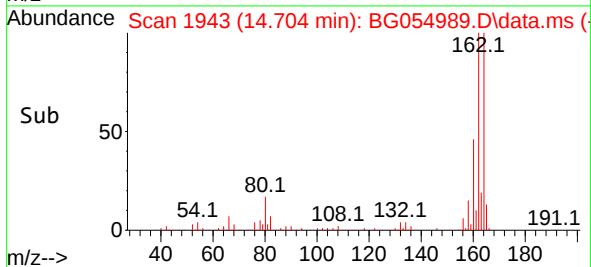
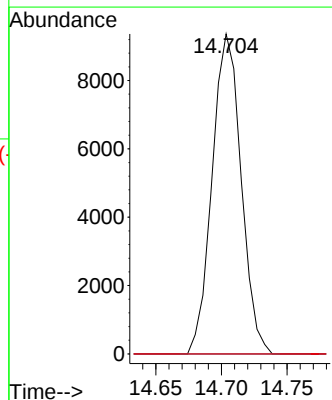
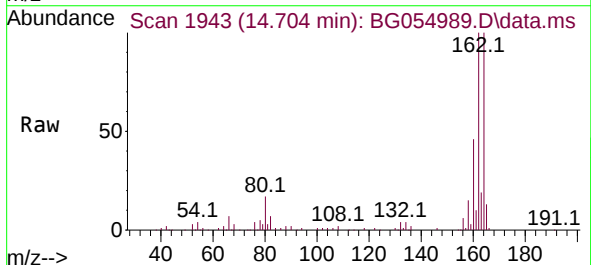


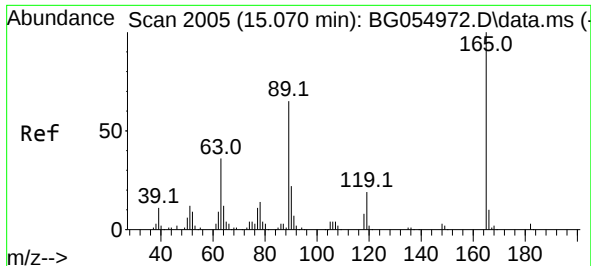
Tgt Ion:172 Resp: 435841
Ion Ratio Lower Upper
172 100
171 36.8 31.2 46.8
170 25.0 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.235 ng
RT: 14.704 min Scan# 1943
Delta R.T. 0.421 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

Tgt Ion:165 Resp: 14386
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: 5.789 ng

RT: 14.704 min Scan# 19

Delta R.T. -0.367 min

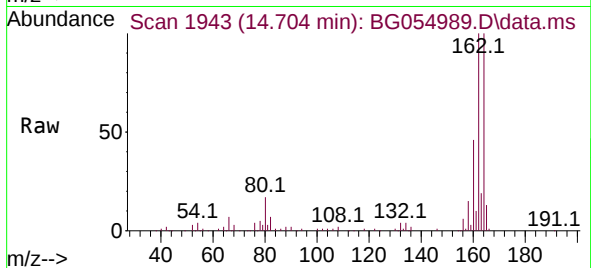
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Acq: 20 Sep 2022 16:46

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 14386

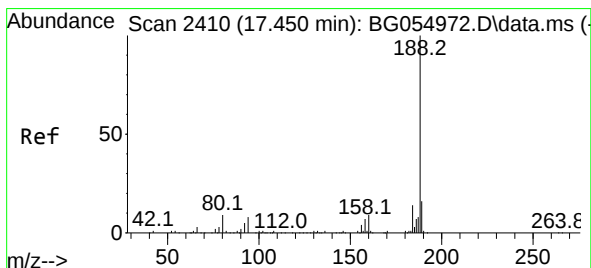
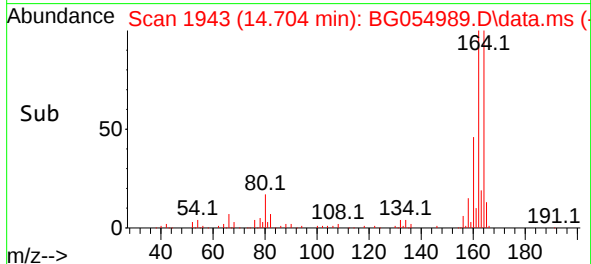
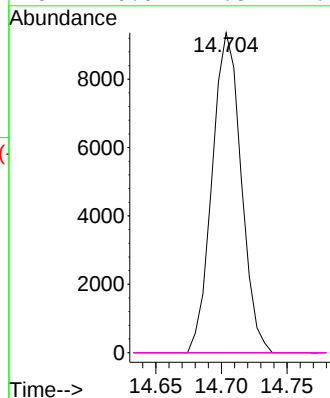
Ion Ratio Lower Upper

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: BG054989.D

Acq: 20 Sep 2022 16:46

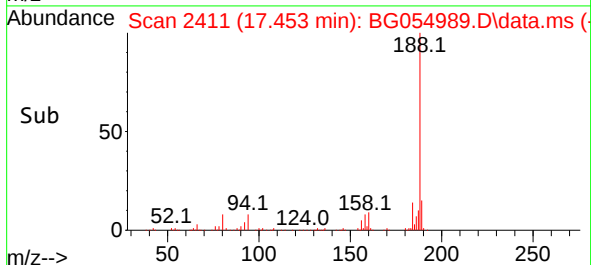
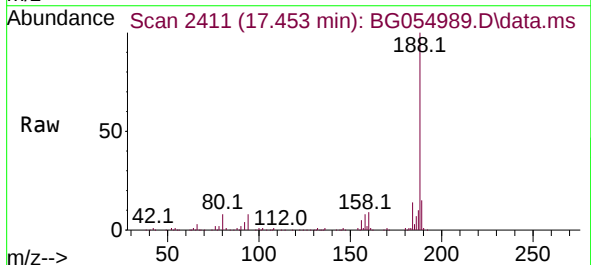
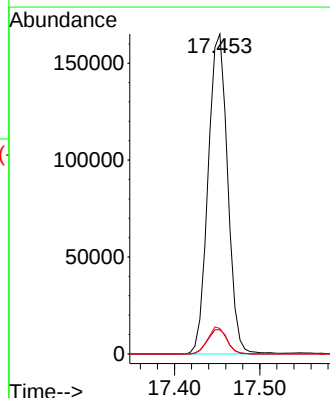
Tgt Ion:188 Resp: 262145

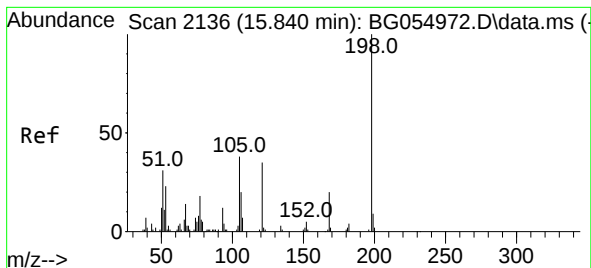
Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.4

80 7.9 7.9 11.9

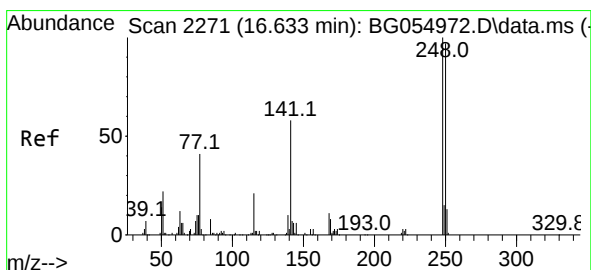
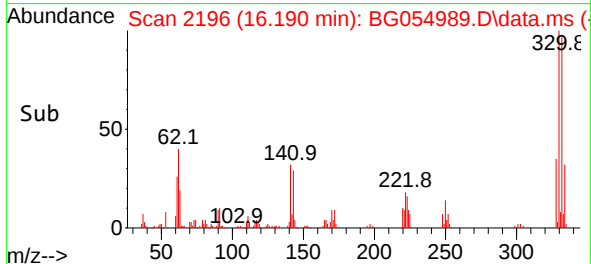
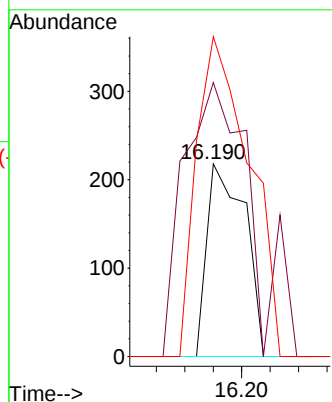
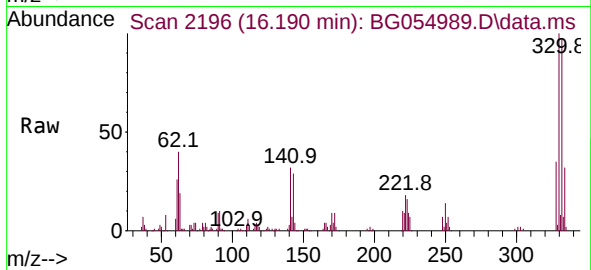




#65
4,6-Dinitro-2-methylphenol
Concen: 5.125 ng
RT: 16.190 min Scan# 2136
Delta R.T. 0.350 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

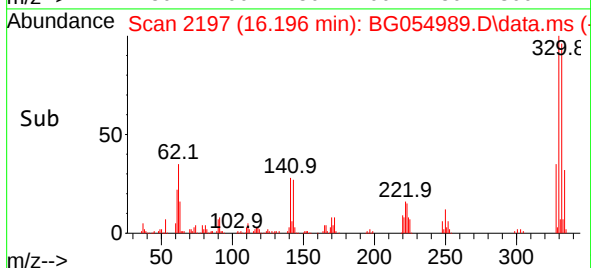
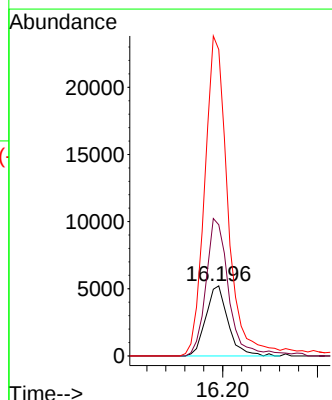
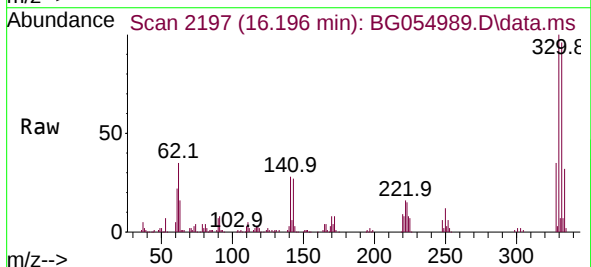
Instrument :
BNA_G
ClientSampleId :

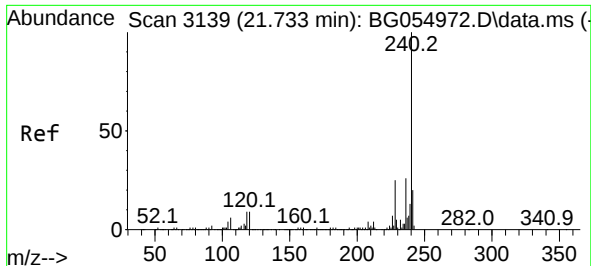
Tgt Ion:198 Resp: 202
Ion Ratio Lower Upper
198 100
51 142.2 19.9 59.9#
105 166.1 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 2.933 ng
RT: 16.196 min Scan# 2197
Delta R.T. -0.437 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

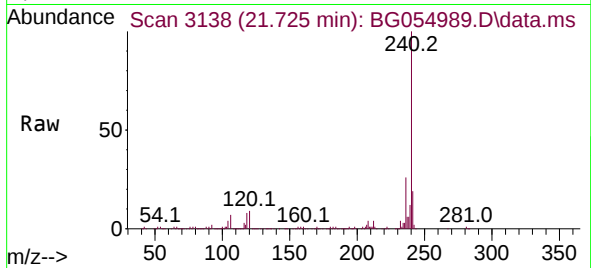
Tgt Ion:248 Resp: 8480
Ion Ratio Lower Upper
248 100
250 187.4 78.8 118.2#
141 438.1 51.9 77.9#



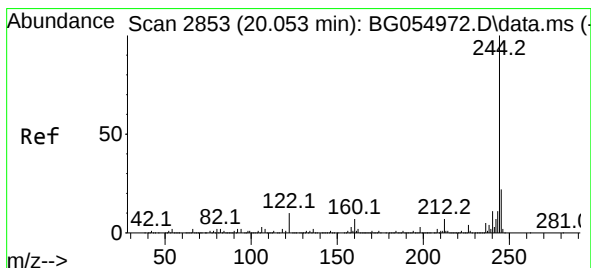
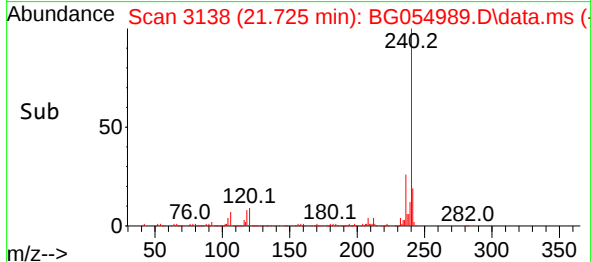
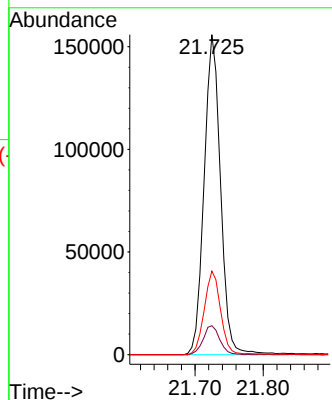


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

Instrument :
BNA_G
ClientSampleId :

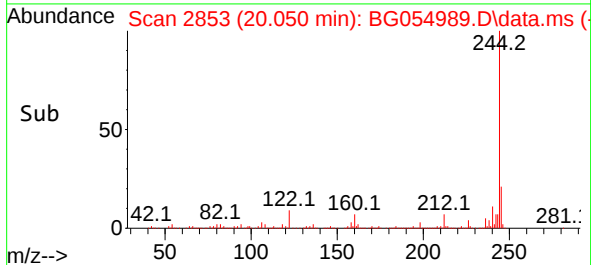
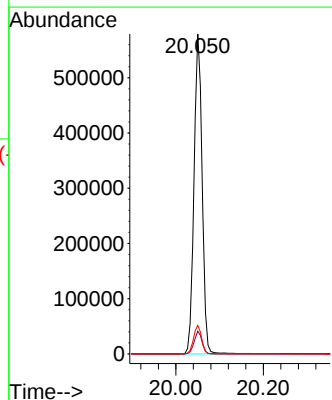
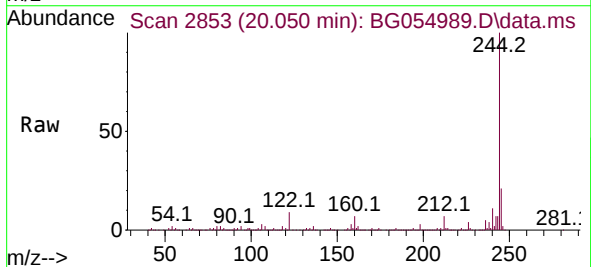


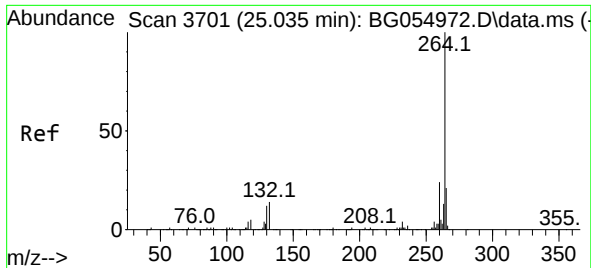
Tgt Ion:240 Resp: 260502
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.4
236 26.1 21.2 31.8



#79
Terphenyl-d14
Concen: 60.137 ng
RT: 20.050 min Scan# 2853
Delta R.T. -0.002 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

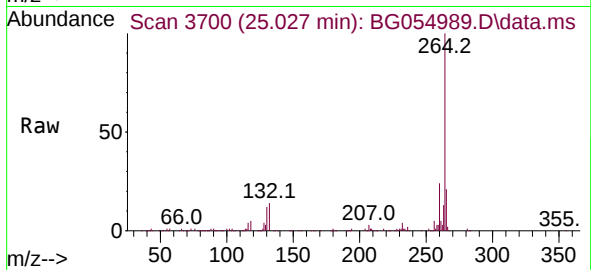
Tgt Ion:244 Resp: 748906
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 8.9 9.0 13.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.027 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BG054989.D
 Acq: 20 Sep 2022 16:46

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 273034
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 21.5 16.9 25.3

