

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
 Data File : BG053124.D
 Acq On : 12 Apr 2022 17:56
 Operator : CG/JU
 Sample : N2333-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14R

Quant Time: Apr 13 06:13:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

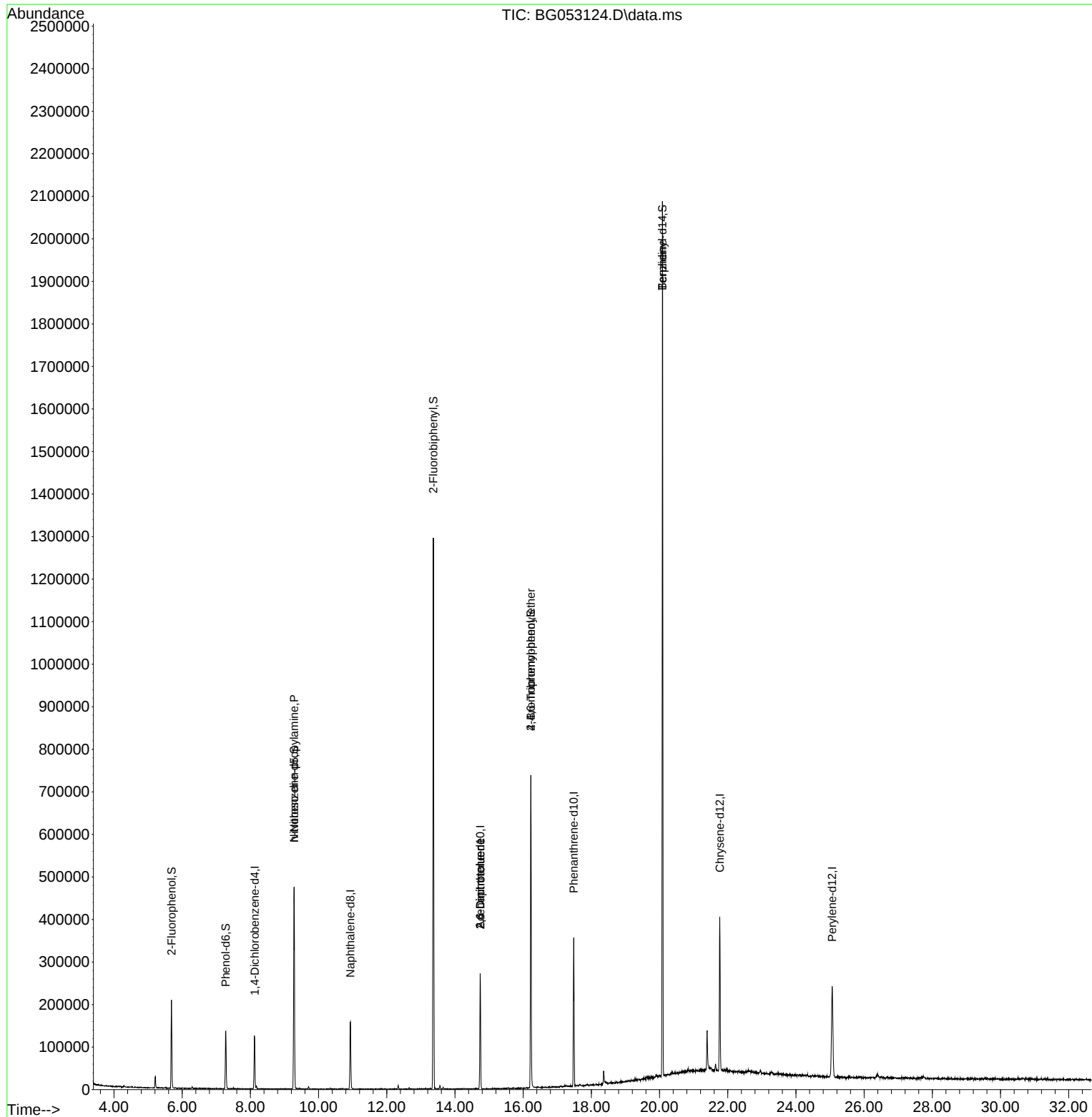
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	34384	20.000	ng	0.00
21) Naphthalene-d8	10.933	136	135027	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	98588	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	221193	20.000	ng	0.00
76) Chrysene-d12	21.765	240	226783	20.000	ng	0.00
86) Perylene-d12	25.061	264	234561	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	83456	41.606	ng	0.00
7) Phenol-d6	7.273	99	78715	25.447	ng	0.00
23) Nitrobenzene-d5	9.282	82	301658	90.710	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	150253	95.794	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	664854	92.990	ng	0.00
79) Terphenyl-d14	20.085	244	1026872	76.473	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.282	70	42257	18.660	ng	# 81
51) 2,6-Dinitrotoluene	14.740	165	12889	7.835	ng	# 25
57) 2,4-Dinitrotoluene	14.740	165	12889	5.503	ng	# 24
67) 4-Bromophenyl-phenylether	16.226	248	9491	3.349	ng	# 1
77) Benzidine	20.085	184	18015	2.784	ng	# 89

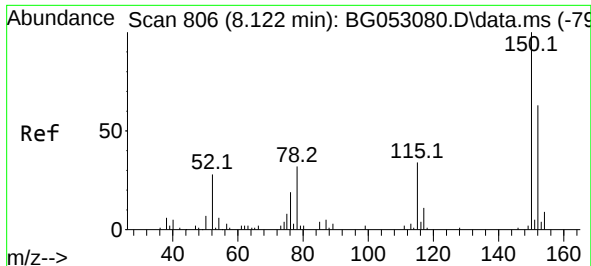
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
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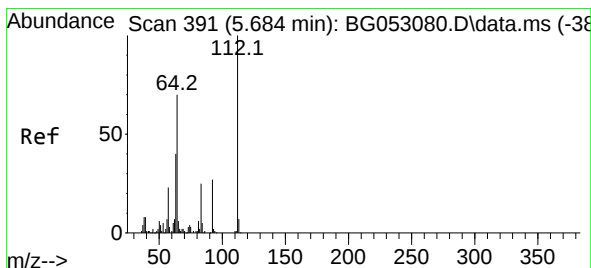
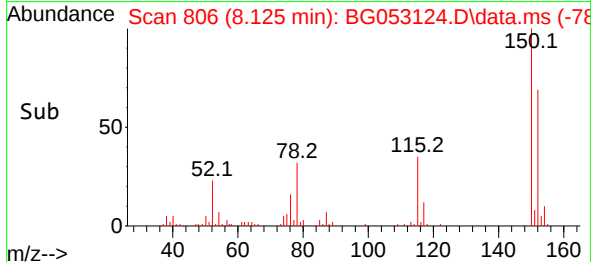
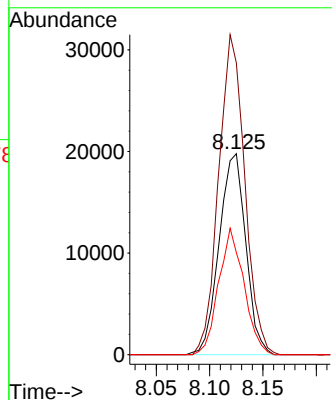
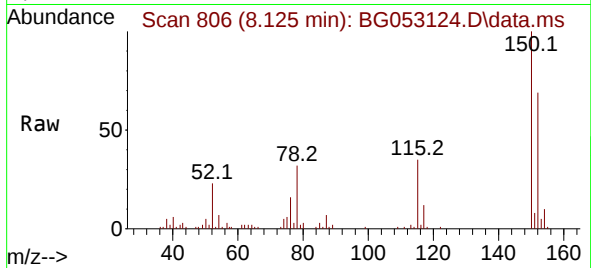




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.125 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

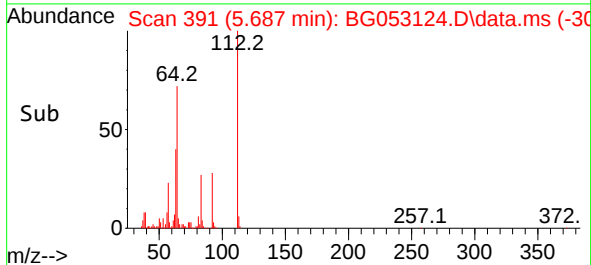
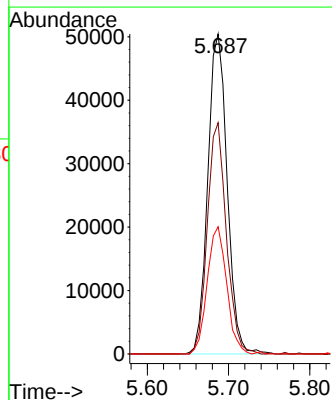
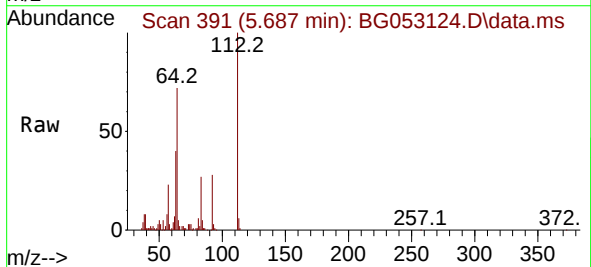
Instrument :
BNA_G
ClientSampleId :
MW-14R

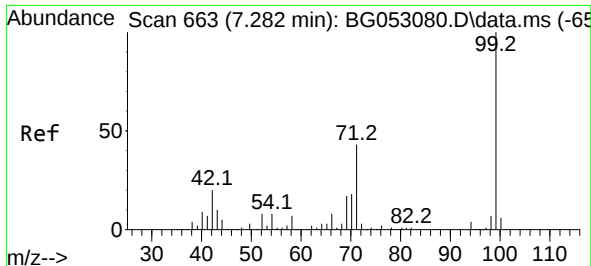
Tgt Ion:152 Resp: 34384
Ion Ratio Lower Upper
152 100
150 145.1 114.6 172.0
115 50.8 45.9 68.9



#5
2-Fluorophenol
Concen: 41.606 ng
RT: 5.687 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

Tgt Ion:112 Resp: 83456
Ion Ratio Lower Upper
112 100
64 72.2 48.0 72.0#
63 39.8 26.5 39.7#

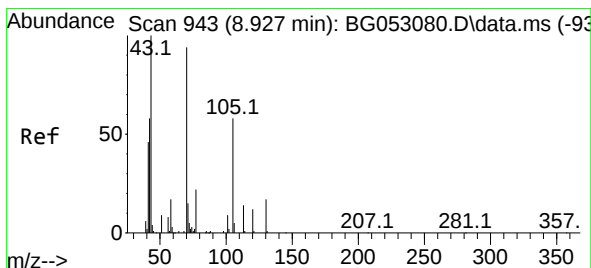
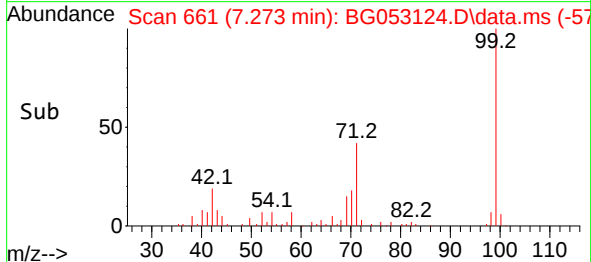
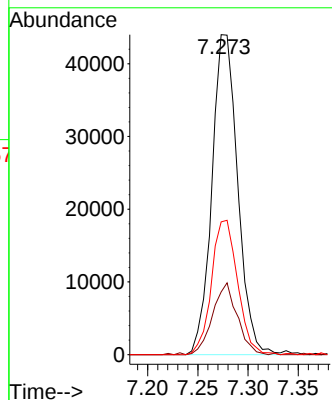
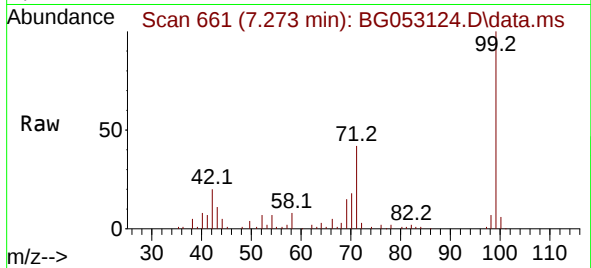




#7
Phenol-d6
Concen: 25.447 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

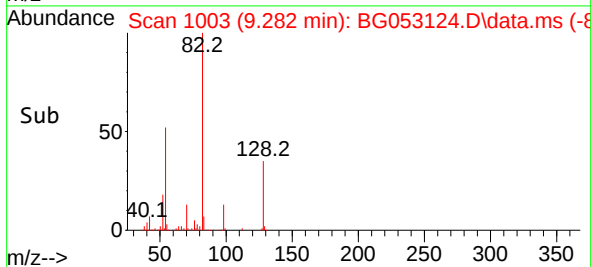
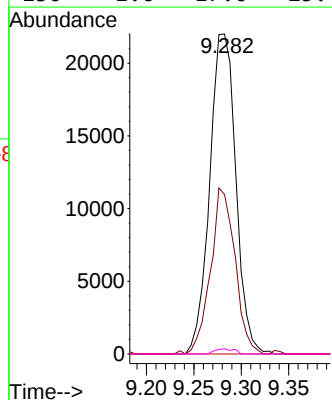
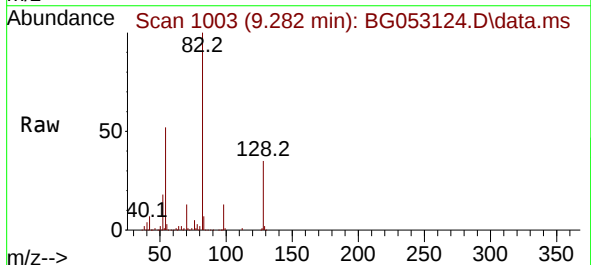
Instrument :
BNA_G
ClientSampleId :
MW-14R

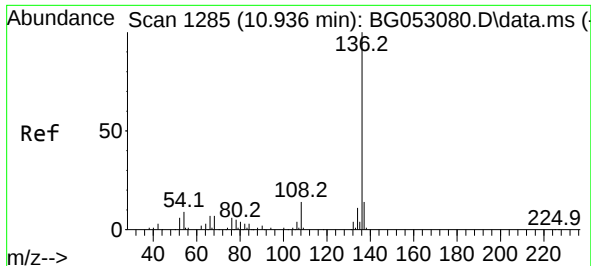
Tgt Ion: 99 Resp: 78715
Ion Ratio Lower Upper
99 100
42 19.6 14.7 22.1
71 41.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.660 ng
RT: 9.282 min Scan# 1003
Delta R.T. 0.356 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

Tgt Ion: 70 Resp: 42257
Ion Ratio Lower Upper
70 100
42 49.8 46.0 69.0
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#



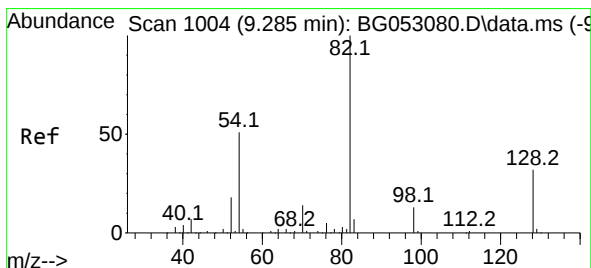
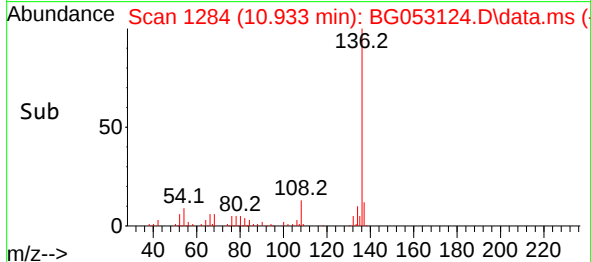
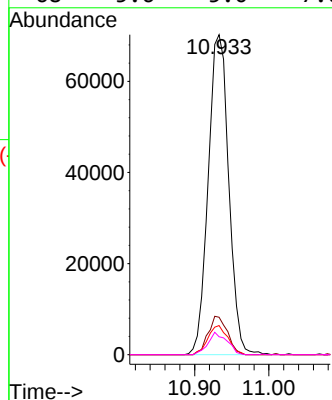
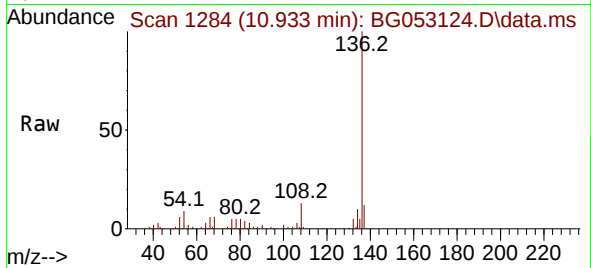


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.933 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

Instrument :
BNA_G
ClientSampleId :
MW-14R

Tgt Ion:136 Resp: 135027

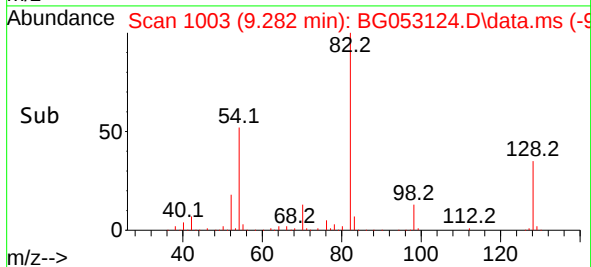
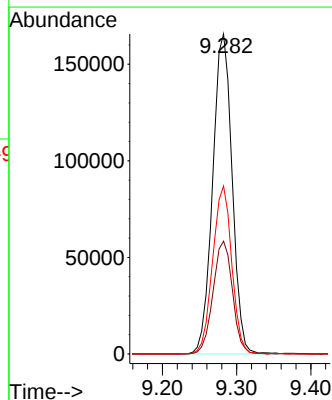
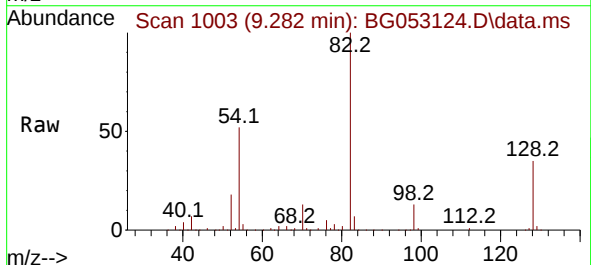
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	9.1	6.4	9.6
68	5.6	5.0	7.6

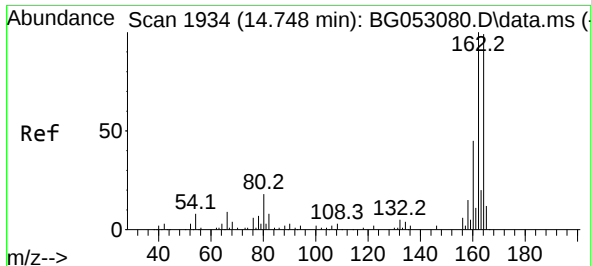


#23
Nitrobenzene-d5
Concen: 90.710 ng
RT: 9.282 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

Tgt Ion: 82 Resp: 301658

Ion	Ratio	Lower	Upper
82	100		
128	35.2	31.3	46.9
54	52.5	37.8	56.8

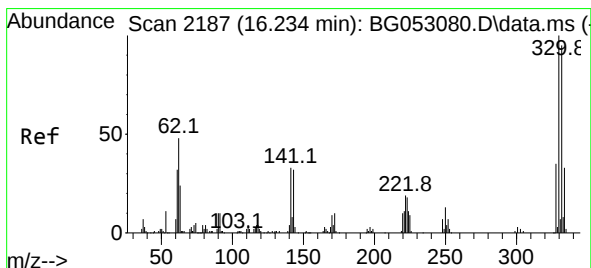
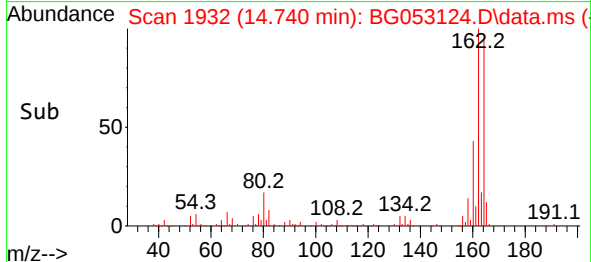
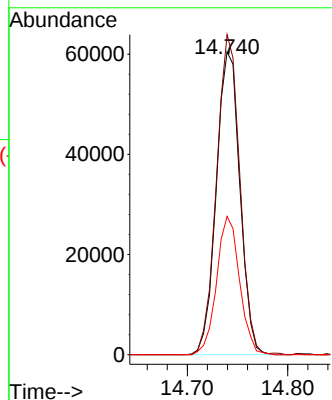
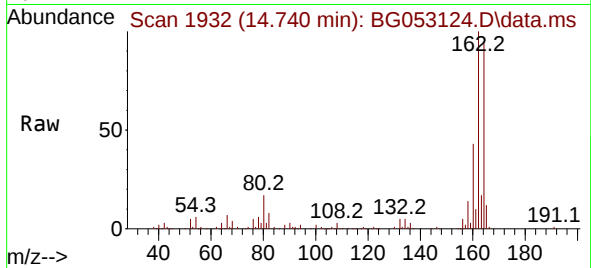




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.740 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

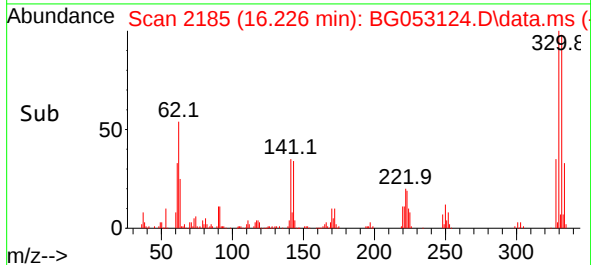
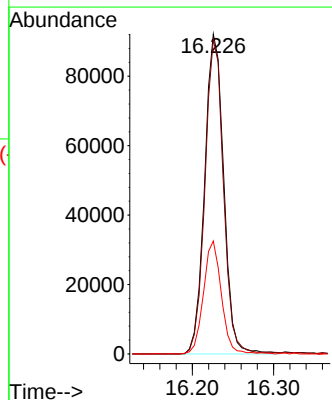
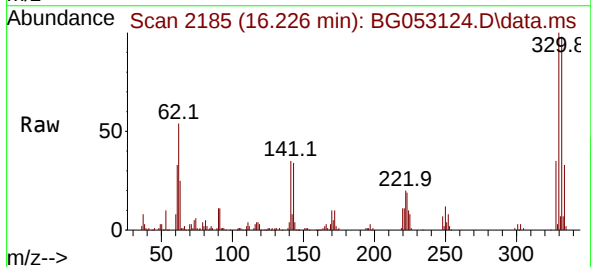
Instrument :
BNA_G
ClientSampleId :
MW-14R

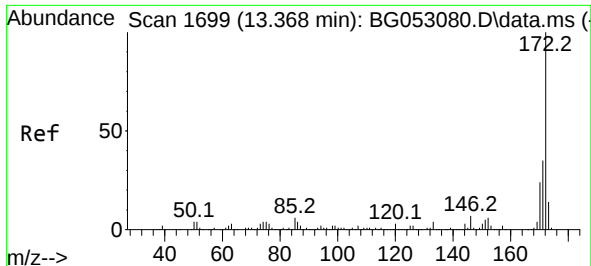
Tgt Ion:164 Resp: 98588
Ion Ratio Lower Upper
164 100
162 105.7 80.0 120.0
160 45.6 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 95.794 ng
RT: 16.226 min Scan# 2185
Delta R.T. -0.009 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

Tgt Ion:330 Resp: 150253
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.6
141 33.2 24.6 36.8

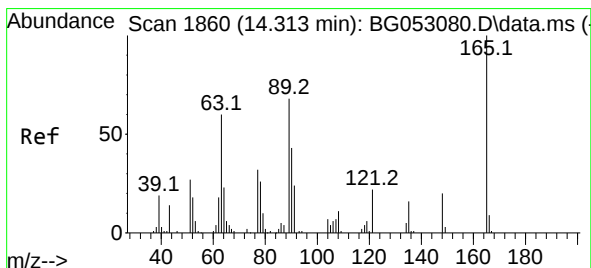
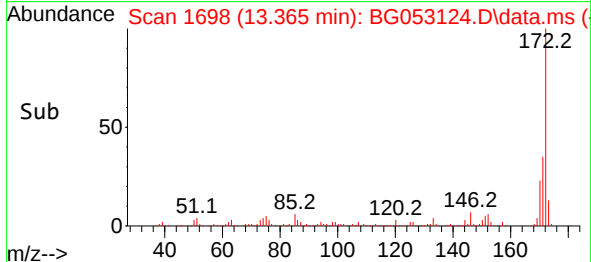
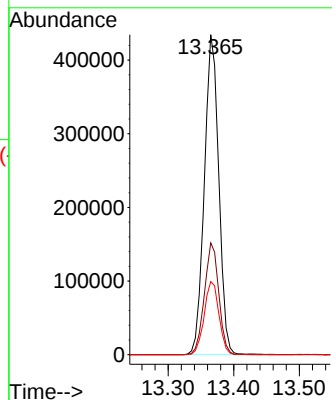
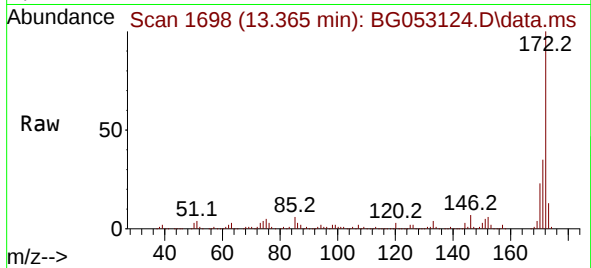




#45
2-Fluorobiphenyl
Concen: 92.990 ng
RT: 13.365 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

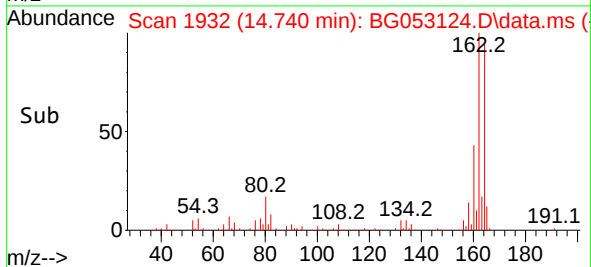
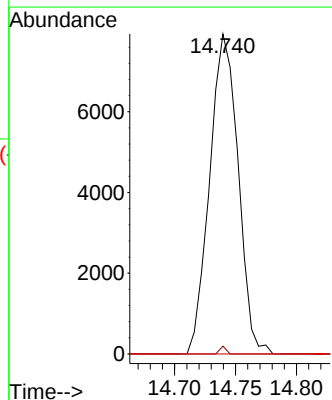
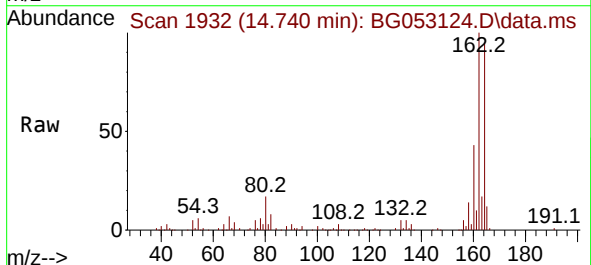
Instrument :
BNA_G
ClientSampleId :
MW-14R

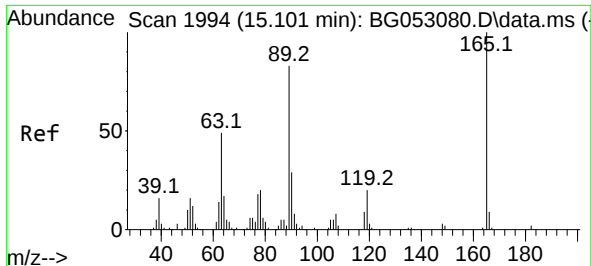
Tgt Ion:172 Resp: 664854
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.9 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.835 ng
RT: 14.740 min Scan# 1932
Delta R.T. 0.426 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

Tgt Ion:165 Resp: 12889
Ion Ratio Lower Upper
165 100
63 2.4 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.503 ng

RT: 14.740 min Scan# 1994

Delta R.T. -0.361 min

Lab File: BG053124.D

Acq: 12 Apr 2022 17:56

Instrument :

BNA_G

ClientSampleId :

MW-14R

Tgt Ion:165 Resp: 12889

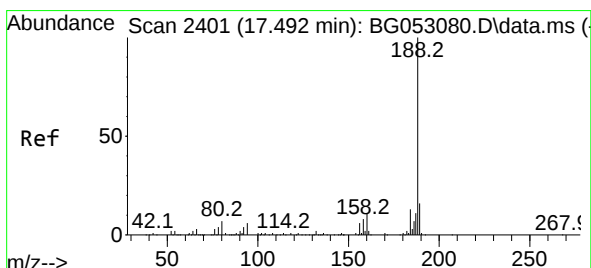
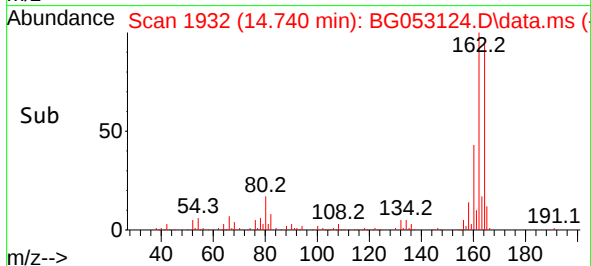
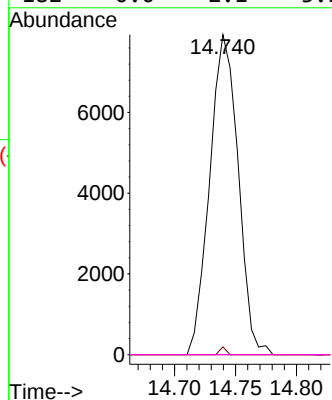
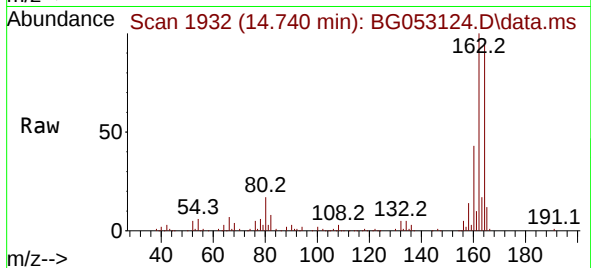
Ion Ratio Lower Upper

165 100

63 2.4 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.483 min Scan# 2399

Delta R.T. -0.009 min

Lab File: BG053124.D

Acq: 12 Apr 2022 17:56

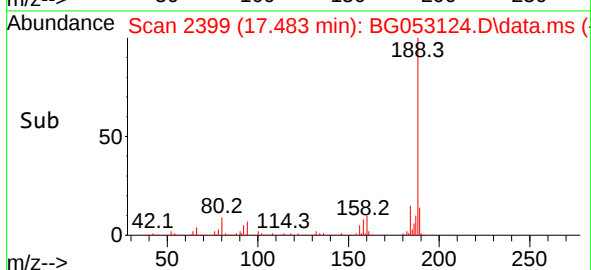
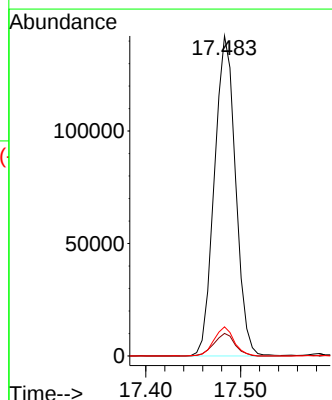
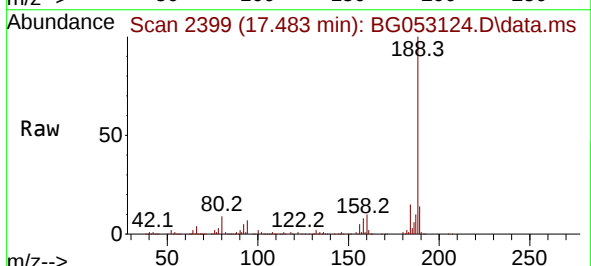
Tgt Ion:188 Resp: 221193

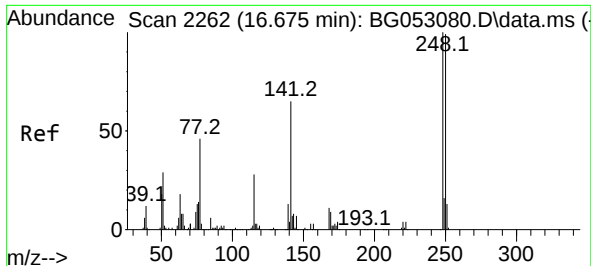
Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

80 9.1 7.2 10.8

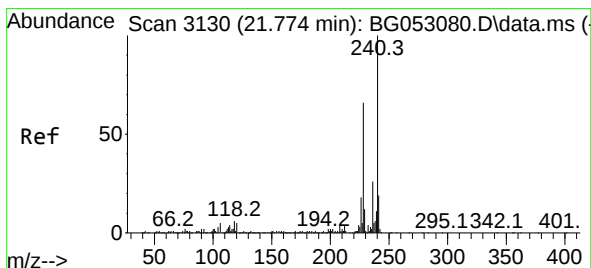
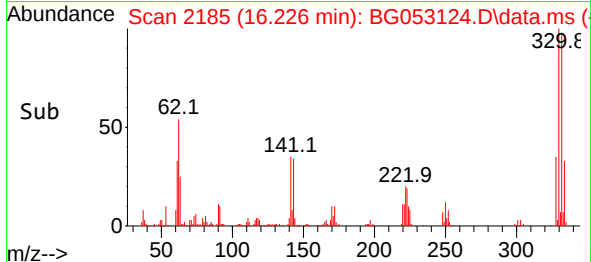
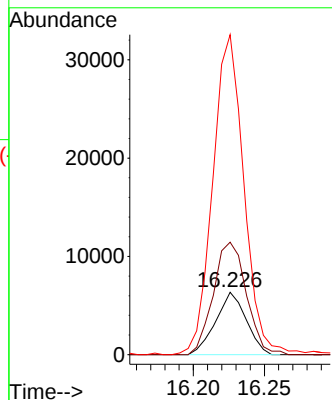
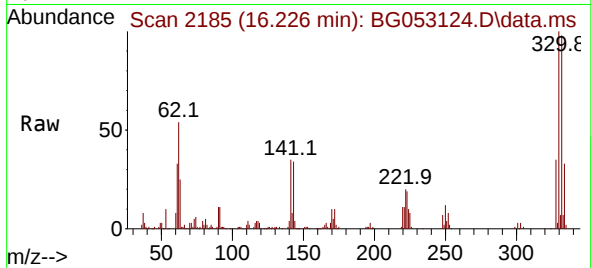




#67
4-Bromophenyl-phenylether
Concen: 3.349 ng
RT: 16.226 min Scan# 2185
Delta R.T. -0.449 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

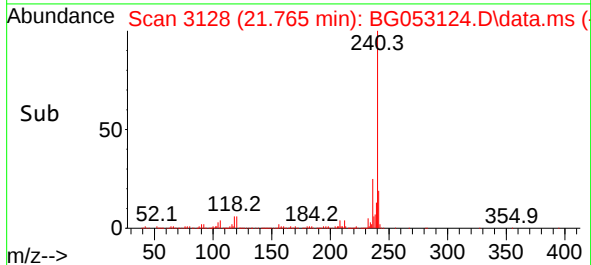
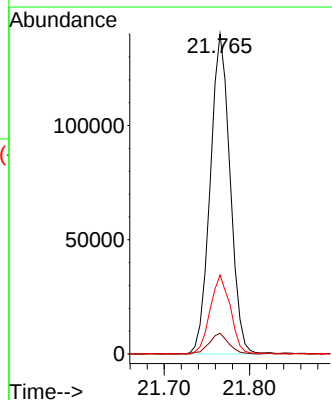
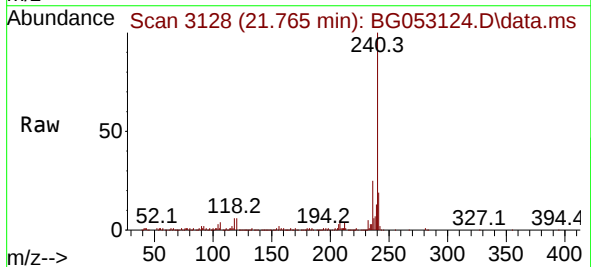
Instrument :
BNA_G
ClientSampleId :
MW-14R

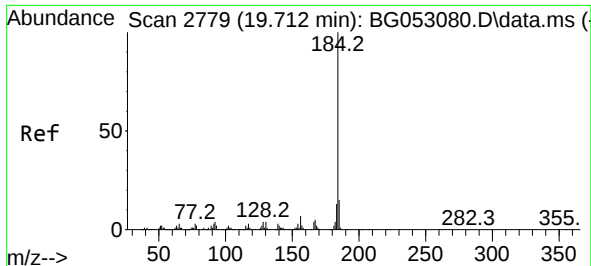
Tgt Ion:248 Resp: 9491
Ion Ratio Lower Upper
248 100
250 180.2 77.9 116.9#
141 512.4 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.765 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

Tgt Ion:240 Resp: 226783
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 24.7 19.8 29.6

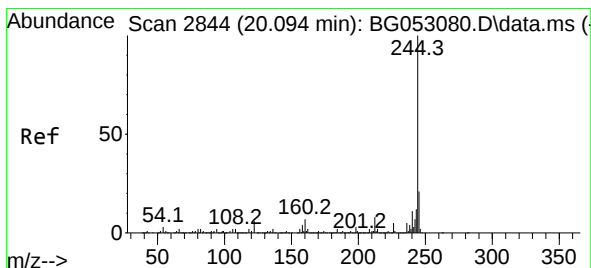
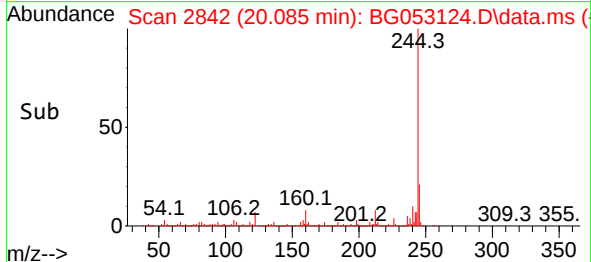
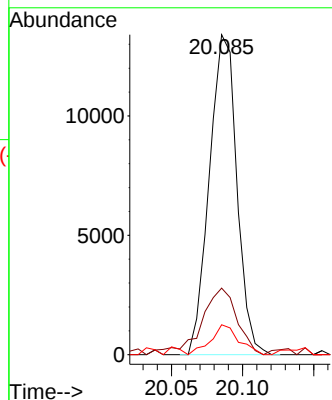
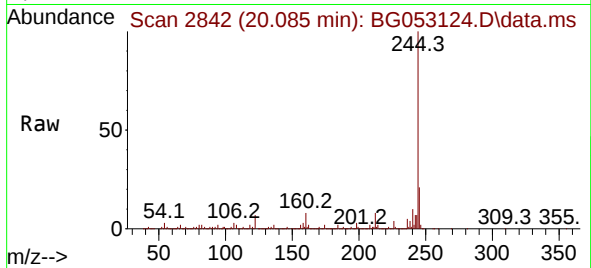




#77
Benzidine
Concen: 2.784 ng
RT: 20.085 min Scan# 2842
Delta R.T. 0.373 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

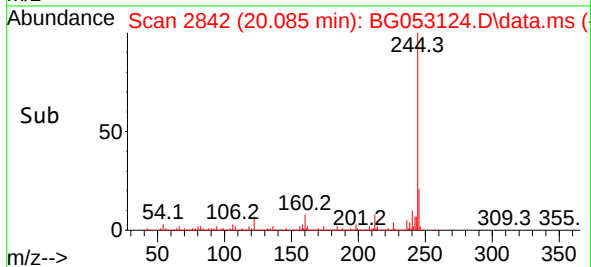
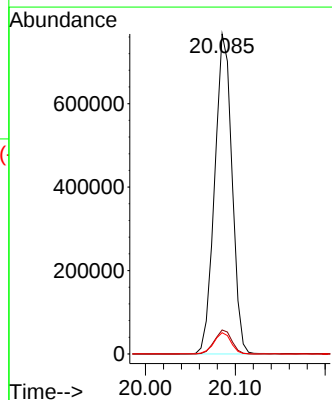
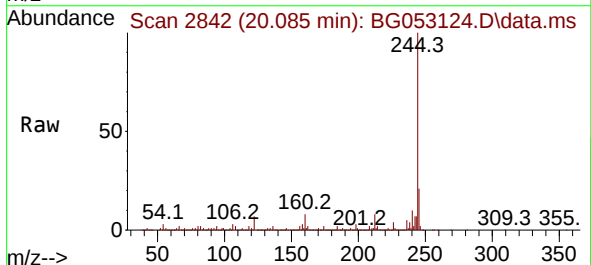
Instrument :
BNA_G
ClientSampleId :
MW-14R

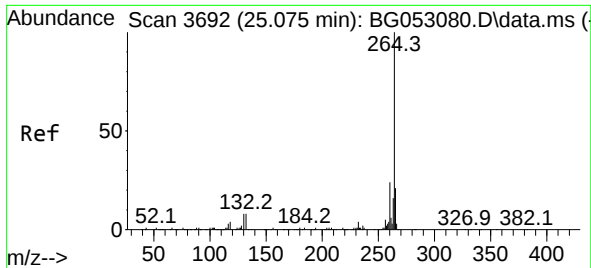
Tgt Ion:184 Resp: 18015
Ion Ratio Lower Upper
184 100
185 20.8 11.5 17.3#
183 9.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 76.473 ng
RT: 20.085 min Scan# 2842
Delta R.T. -0.009 min
Lab File: BG053124.D
Acq: 12 Apr 2022 17:56

Tgt Ion:244 Resp: 1026872
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.7 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.061 min Scan# 30

Delta R.T. -0.015 min

Lab File: BG053124.D

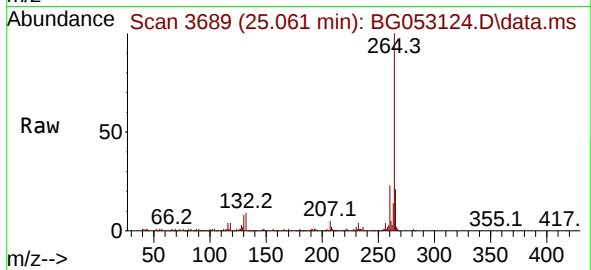
Acq: 12 Apr 2022 17:56

Instrument :

BNA_G

ClientSampleId :

MW-14R



Tgt Ion:264 Resp: 234561

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.2

265 20.8 15.1 22.7

