

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
 Data File : BG053172.D
 Acq On : 15 Apr 2022 19:57
 Operator : CG/JU
 Sample : N2394-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-2-(DUMPSTER-RIGHT)

Quant Time: Apr 18 03:17:55 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)

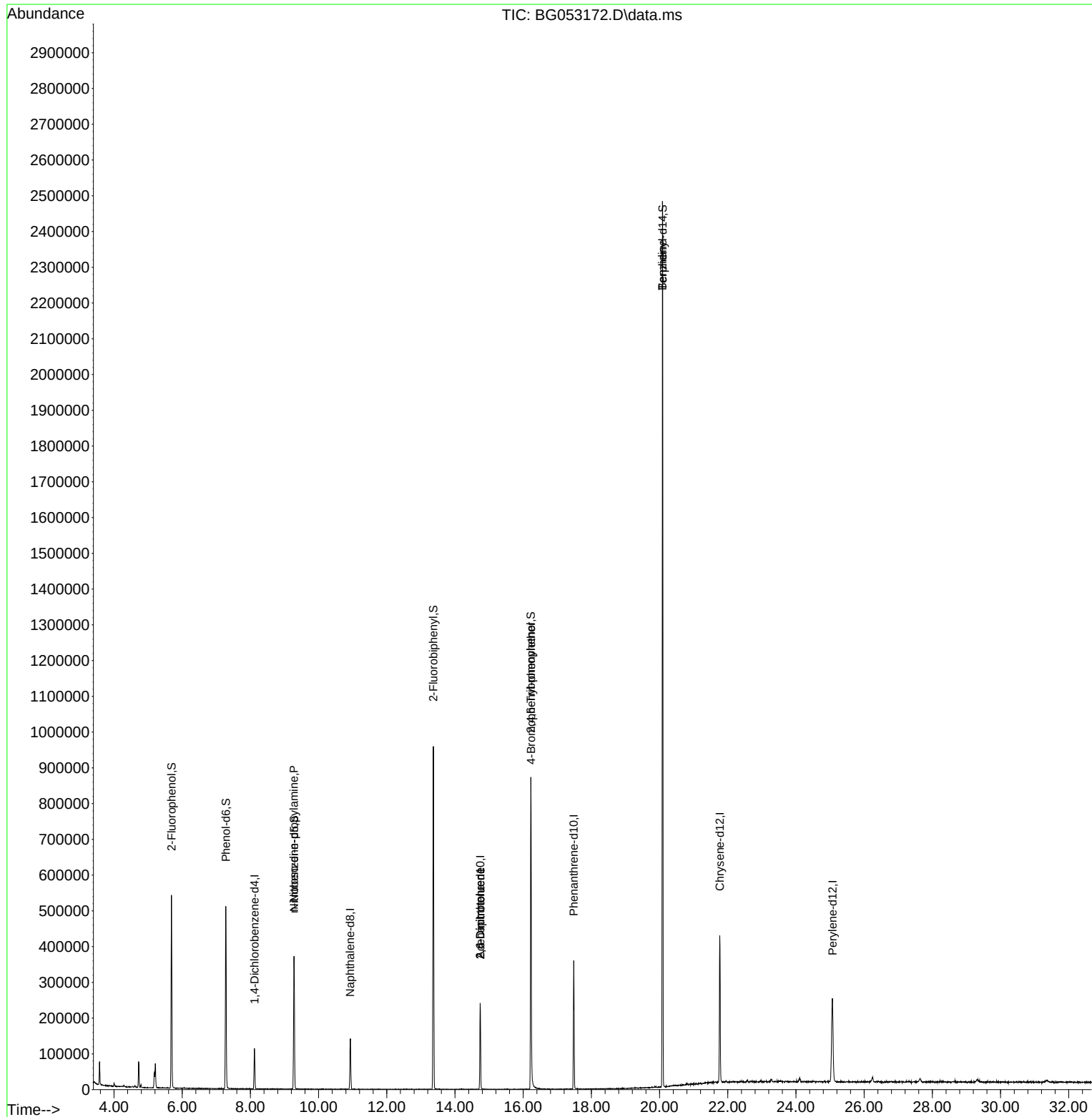
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	31711	20.000	ng	0.00
21) Naphthalene-d8	10.925	136	116972	20.000	ng	#-0.01
39) Acenaphthene-d10	14.738	164	88266	20.000	ng	-0.01
64) Phenanthrene-d10	17.481	188	232055	20.000	ng	-0.01
76) Chrysene-d12	21.764	240	270444	20.000	ng	-0.01
86) Perylene-d12	25.071	264	268310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	215001	116.222	ng	0.00
7) Phenol-d6	7.277	99	285963	100.241	ng	0.00
23) Nitrobenzene-d5	9.281	82	245100	85.079	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	193888	138.070	ng	-0.01
45) 2-Fluorobiphenyl	13.363	172	532724	83.223	ng	0.00
79) Terphenyl-d14	20.089	244	1306841	81.611	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.275	70	33967	16.264	ng	# 76
51) 2,6-Dinitrotoluene	14.738	165	11175	7.588	ng	# 27
57) 2,4-Dinitrotoluene	14.738	165	11175	5.329	ng	# 25
67) 4-Bromophenyl-phenylether	16.230	248	12579	4.230	ng	# 1
77) Benzidine	20.084	184	21978	2.848	ng	# 89

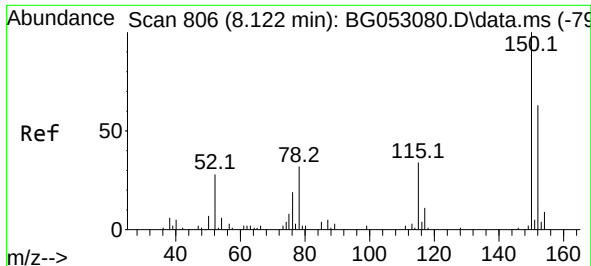
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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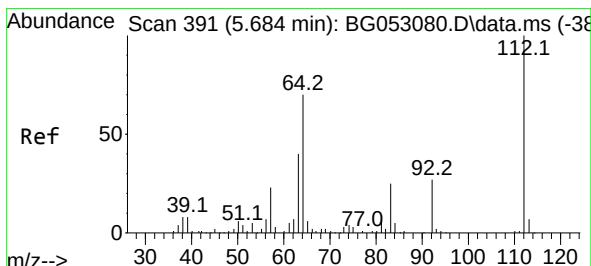
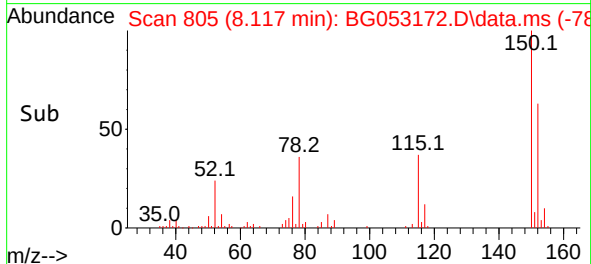
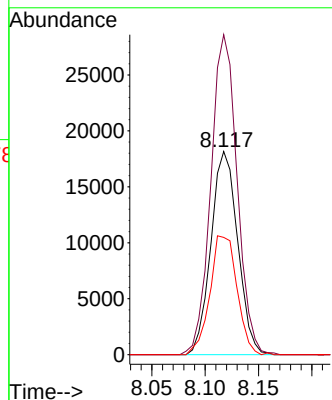
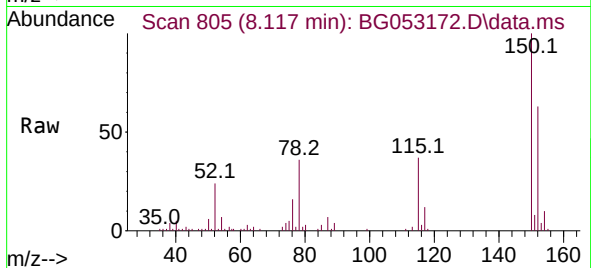




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053172.D
Acq: 15 Apr 2022 19:57

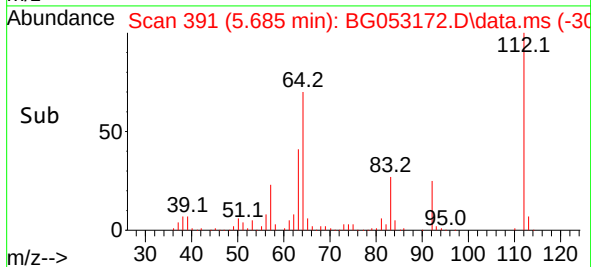
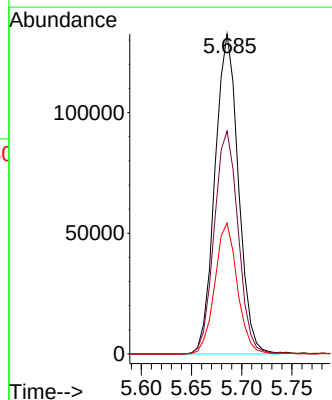
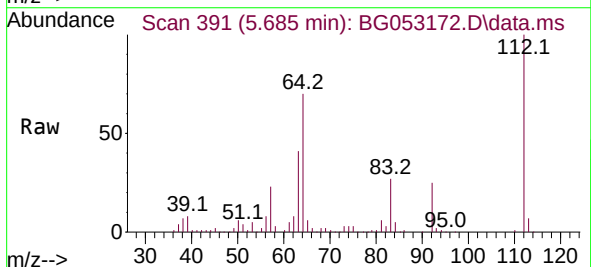
Instrument :
BNA_G
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

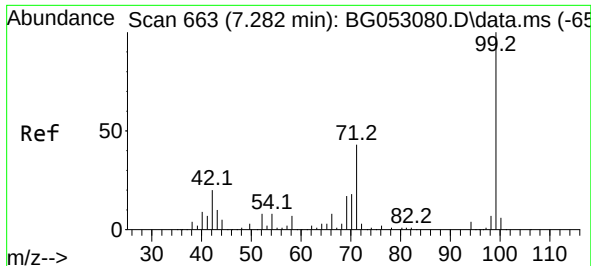
Tgt Ion:152 Resp: 31711
Ion Ratio Lower Upper
152 100
150 157.5 114.6 172.0
115 57.7 45.9 68.9



#5
2-Fluorophenol
Concen: 116.222 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053172.D
Acq: 15 Apr 2022 19:57

Tgt Ion:112 Resp: 215001
Ion Ratio Lower Upper
112 100
64 69.7 48.0 72.0
63 40.9 26.5 39.7#

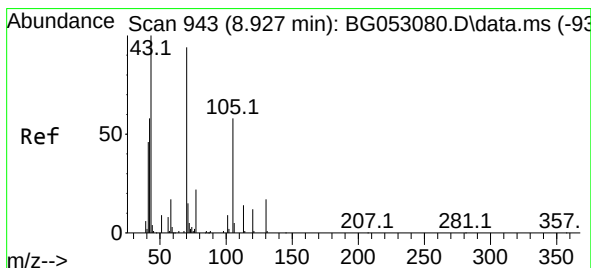
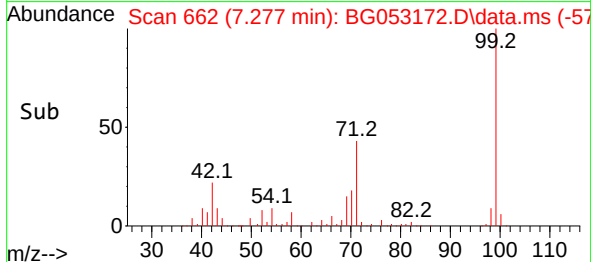
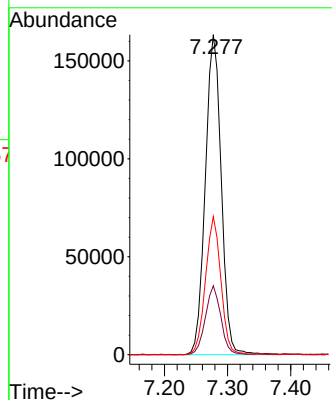
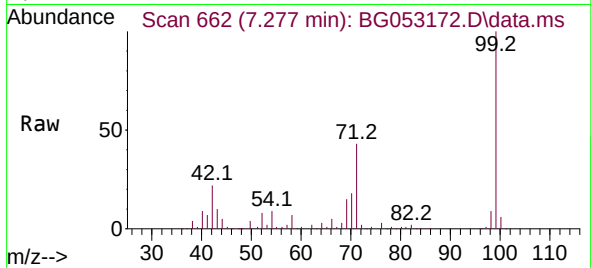




#7
Phenol-d6
Concen: 100.241 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG053172.D
Acq: 15 Apr 2022 19:57

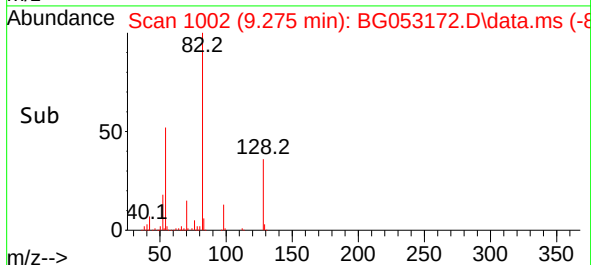
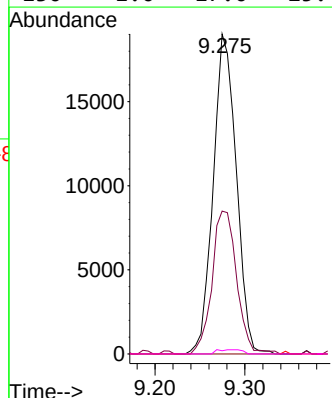
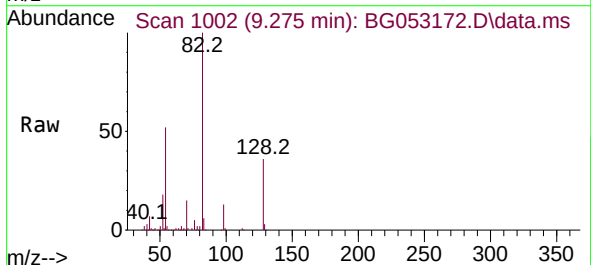
Instrument :
BNA_G
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

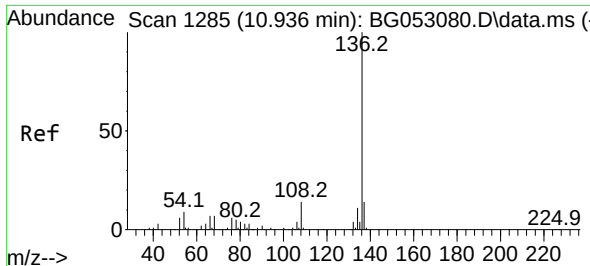
Tgt Ion: 99 Resp: 285963
Ion Ratio Lower Upper
99 100
42 21.5 14.7 22.1
71 43.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.264 ng
RT: 9.275 min Scan# 1002
Delta R.T. 0.348 min
Lab File: BG053172.D
Acq: 15 Apr 2022 19:57

Tgt Ion: 70 Resp: 33967
Ion Ratio Lower Upper
70 100
42 44.7 46.0 69.0#
101 0.0 6.2 9.4#
130 1.0 17.0 25.4#



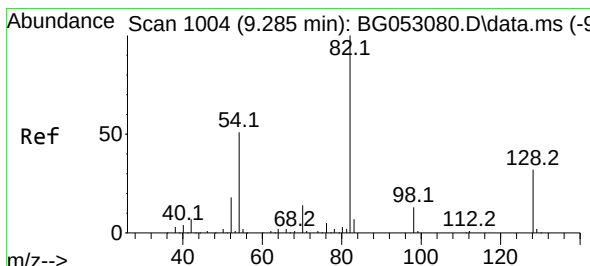
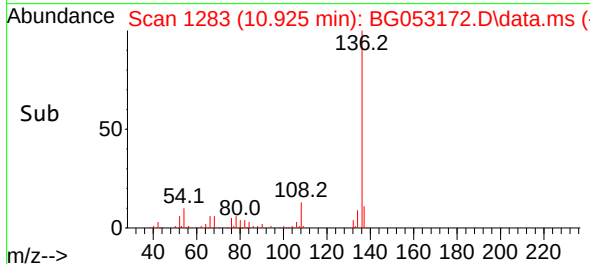
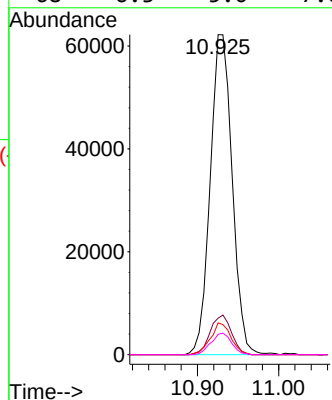
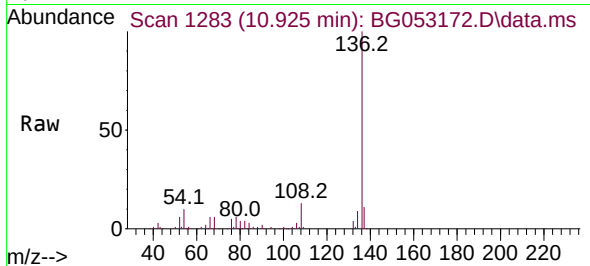


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG053172.D
Acq: 15 Apr 2022 19:57

Instrument :
BNA_G
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

Tgt Ion:136 Resp: 116972

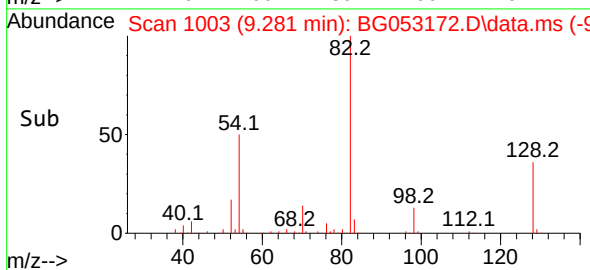
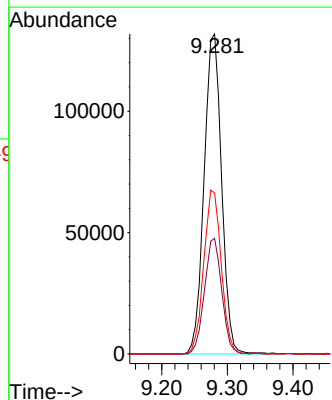
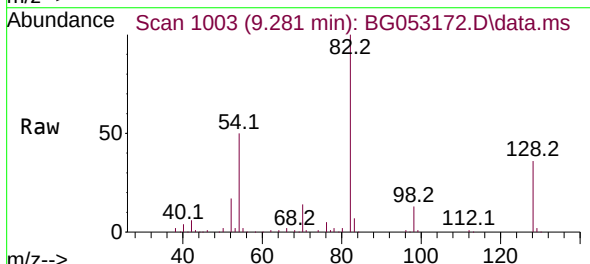
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	9.9	6.4	9.6#
68	6.3	5.0	7.6

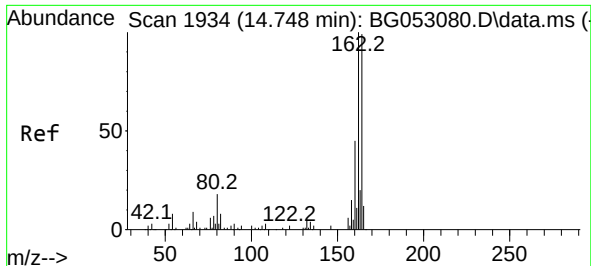


#23
Nitrobenzene-d5
Concen: 85.079 ng
RT: 9.281 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG053172.D
Acq: 15 Apr 2022 19:57

Tgt Ion: 82 Resp: 245100

Ion	Ratio	Lower	Upper
82	100		
128	36.2	31.3	46.9
54	50.2	37.8	56.8

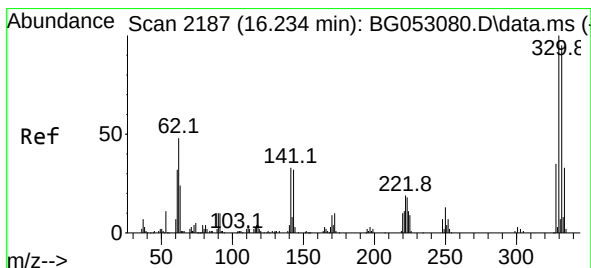
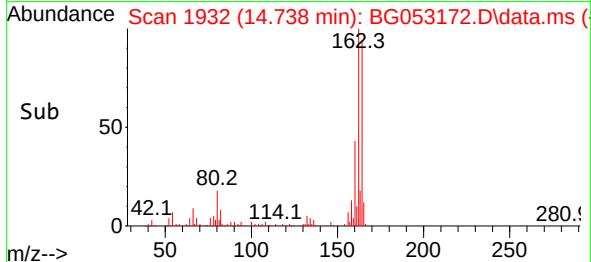
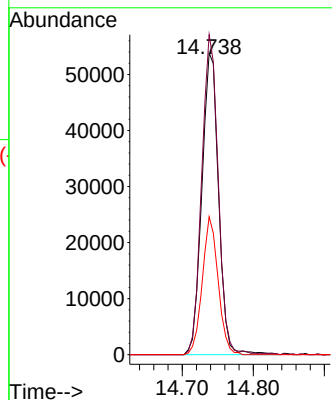
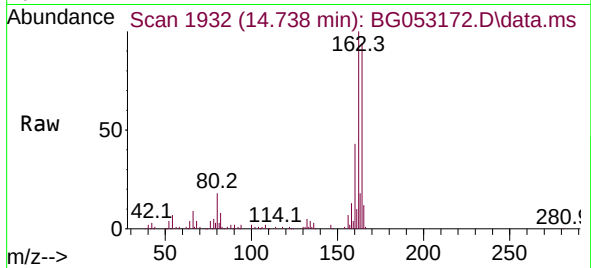




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.738 min Scan# 1932
Delta R.T. -0.010 min
Lab File: BG053172.D
Acq: 15 Apr 2022 19:57

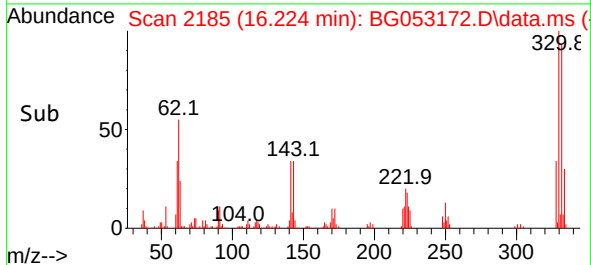
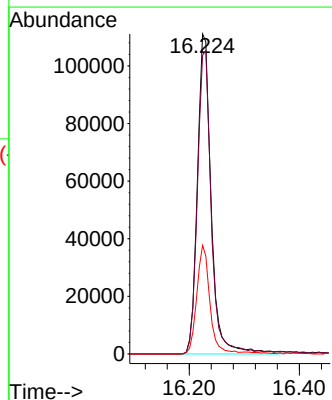
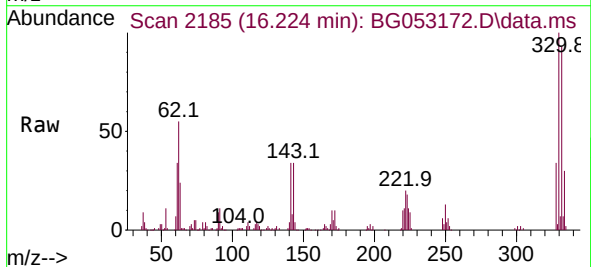
Instrument :
BNA_G
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

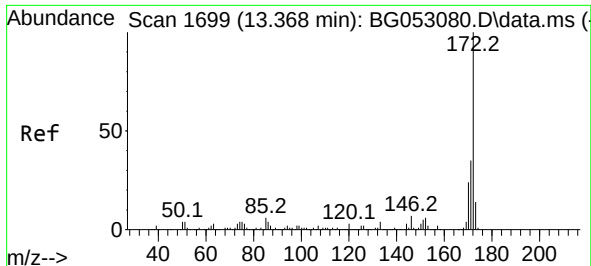
Tgt Ion:164 Resp: 88266
Ion Ratio Lower Upper
164 100
162 106.1 80.0 120.0
160 45.7 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 138.070 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.010 min
Lab File: BG053172.D
Acq: 15 Apr 2022 19:57

Tgt Ion:330 Resp: 193888
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.6
141 32.0 24.6 36.8

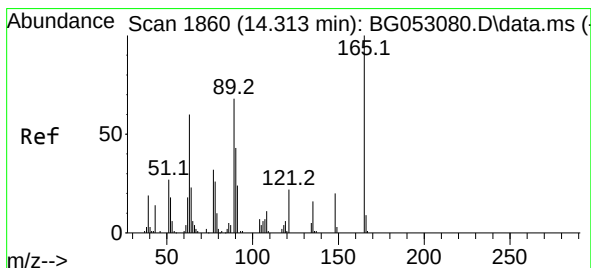
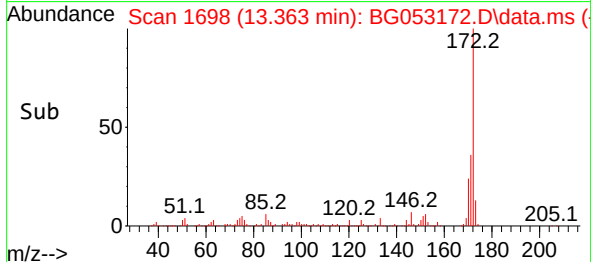
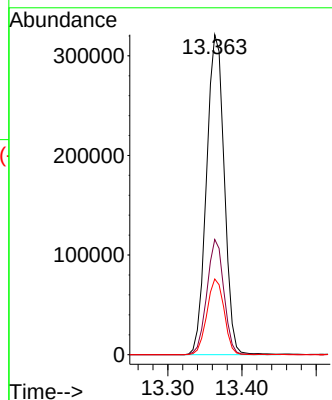
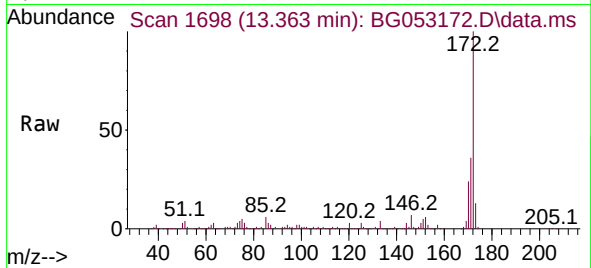




#45
2-Fluorobiphenyl
Concen: 83.223 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053172.D
Acq: 15 Apr 2022 19:57

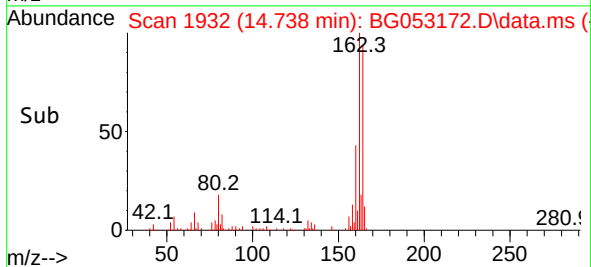
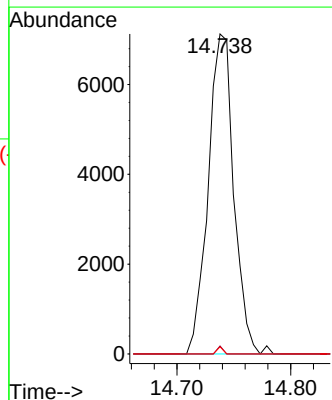
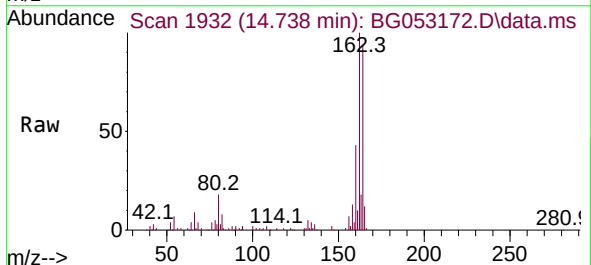
Instrument :
BNA_G
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

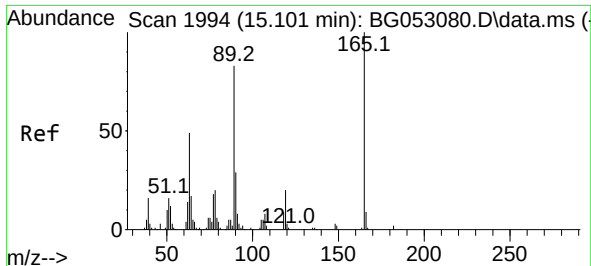
Tgt Ion:172 Resp: 532724
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.7 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.588 ng
RT: 14.738 min Scan# 1932
Delta R.T. 0.424 min
Lab File: BG053172.D
Acq: 15 Apr 2022 19:57

Tgt Ion:165 Resp: 11175
Ion Ratio Lower Upper
165 100
63 2.5 43.7 65.5#
89 2.3 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.329 ng

RT: 14.738 min Scan# 1994

Delta R.T. -0.363 min

Lab File: BG053172.D

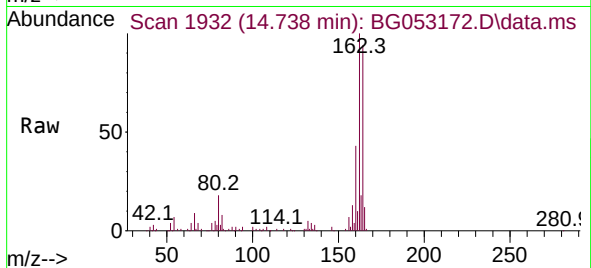
Acq: 15 Apr 2022 19:57

Instrument :

BNA_G

ClientSampleId :

CS-2-(DUMPSTER-RIGHT)



Tgt Ion:165 Resp: 11175

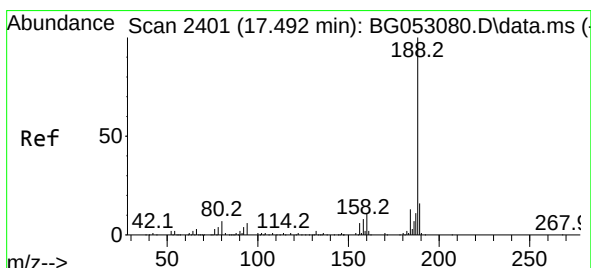
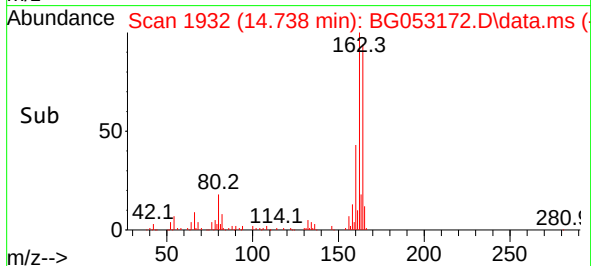
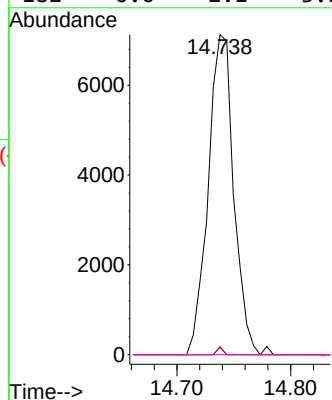
Ion Ratio Lower Upper

165 100

63 2.5 34.8 52.2#

89 2.3 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.481 min Scan# 2399

Delta R.T. -0.010 min

Lab File: BG053172.D

Acq: 15 Apr 2022 19:57

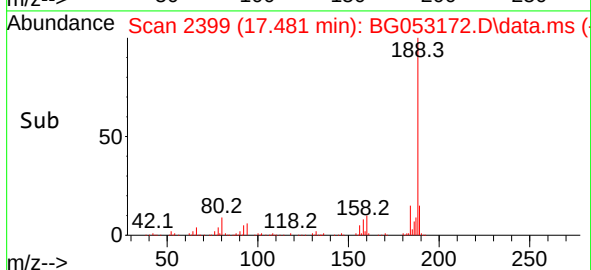
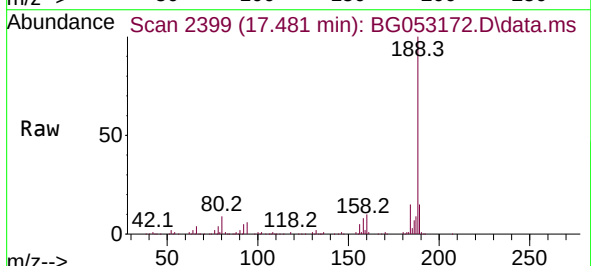
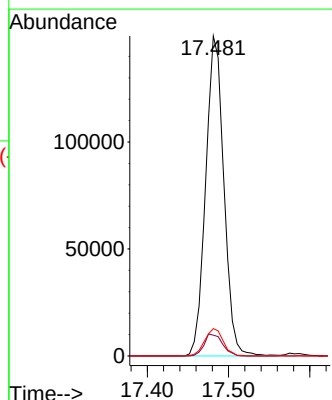
Tgt Ion:188 Resp: 232055

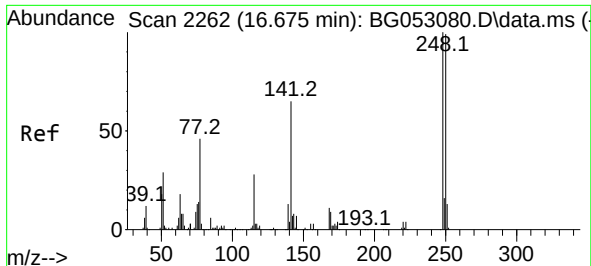
Ion Ratio Lower Upper

188 100

94 6.5 5.7 8.5

80 8.6 7.2 10.8

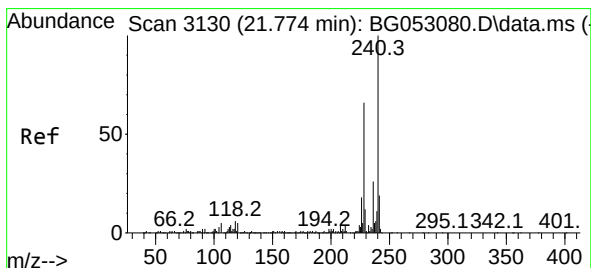
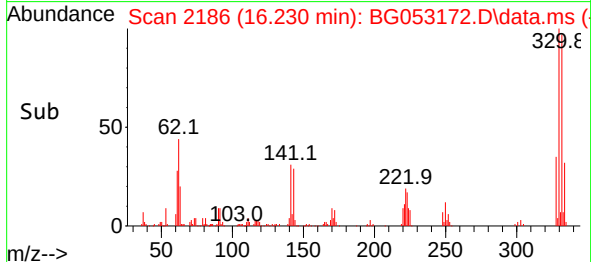
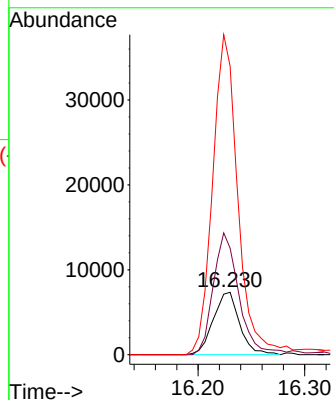
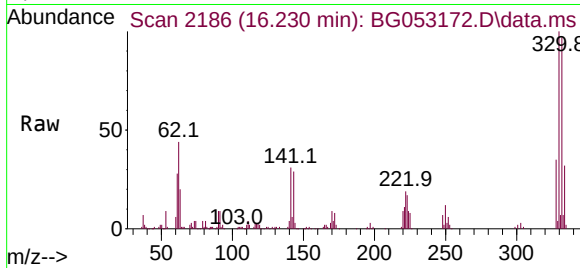




#67
4-Bromophenyl-phenylether
Concen: 4.230 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.445 min
Lab File: BG053172.D
Acq: 15 Apr 2022 19:57

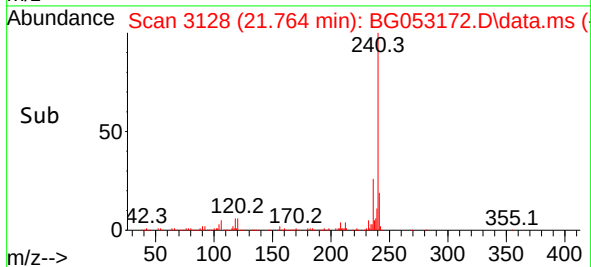
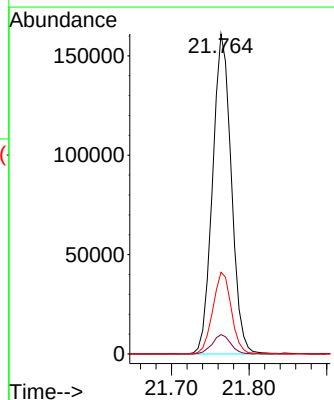
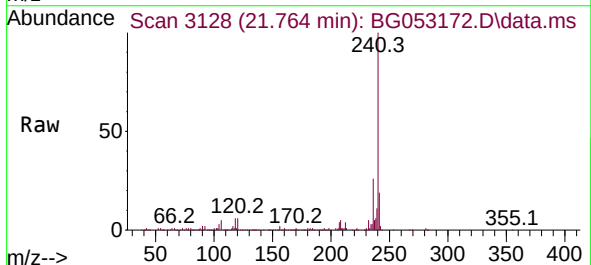
Instrument :
BNA_G
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

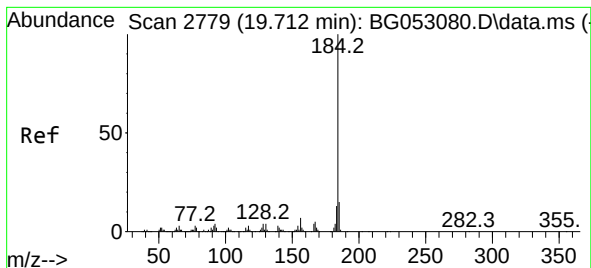
Tgt Ion:248 Resp: 12579
Ion Ratio Lower Upper
248 100
250 170.7 77.9 116.9#
141 461.9 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.764 min Scan# 3128
Delta R.T. -0.010 min
Lab File: BG053172.D
Acq: 15 Apr 2022 19:57

Tgt Ion:240 Resp: 270444
Ion Ratio Lower Upper
240 100
120 6.1 5.4 8.0
236 25.6 19.8 29.6





#77

Benzidine

Concen: 2.848 ng

RT: 20.084 min Scan# 21

Delta R.T. 0.372 min

Lab File: BG053172.D

Acq: 15 Apr 2022 19:57

Instrument :

BNA_G

ClientSampleId :

CS-2-(DUMPSTER-RIGHT)

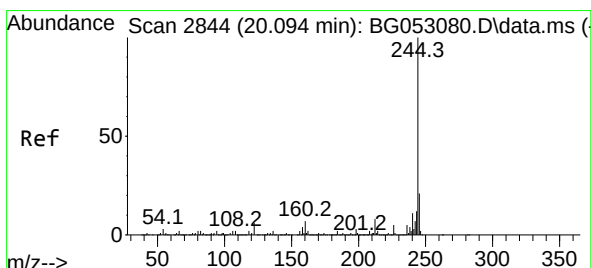
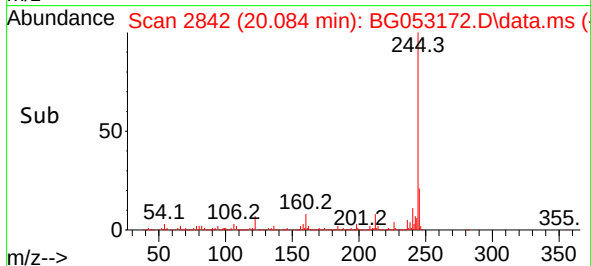
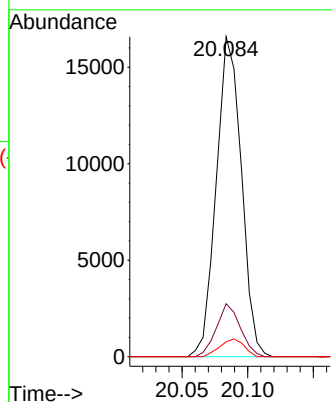
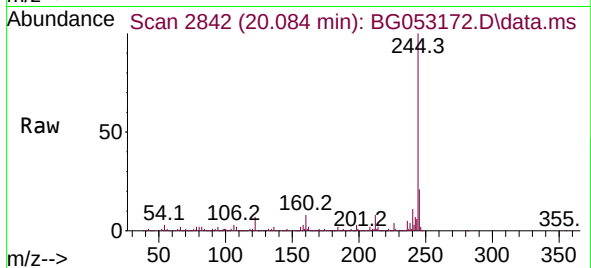
Tgt Ion:184 Resp: 21978

Ion Ratio Lower Upper

184 100

185 16.5 11.5 17.3

183 4.7 9.4 14.2#



#79

Terphenyl-d14

Concen: 81.611 ng

RT: 20.089 min Scan# 2843

Delta R.T. -0.004 min

Lab File: BG053172.D

Acq: 15 Apr 2022 19:57

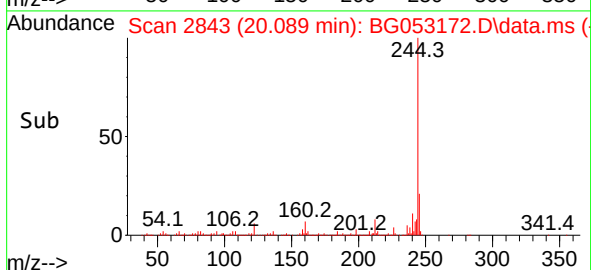
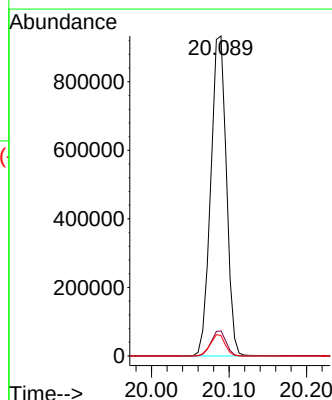
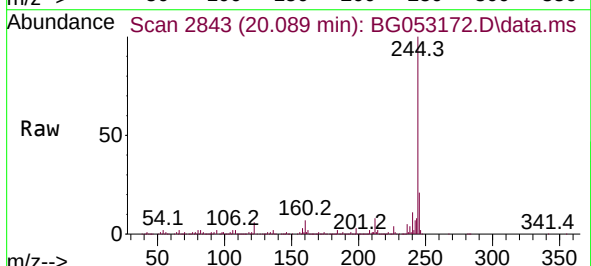
Tgt Ion:244 Resp: 1306841

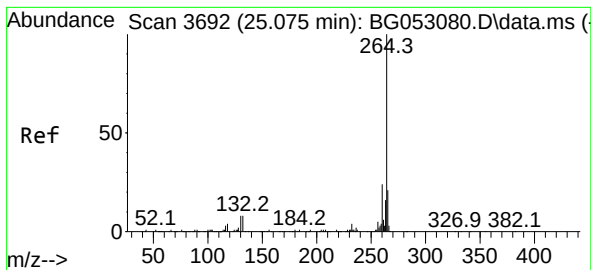
Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

122 6.4 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.071 min Scan# 3

Delta R.T. -0.004 min

Lab File: BG053172.D

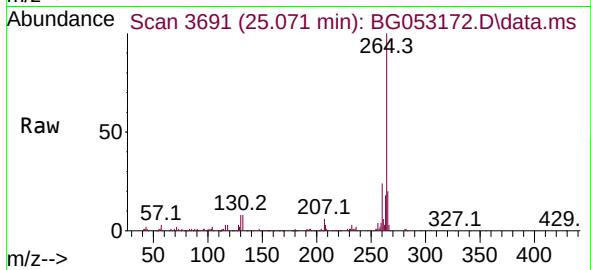
Acq: 15 Apr 2022 19:57

Instrument :

BNA_G

ClientSampleId :

CS-2-(DUMPSTER-RIGHT)



Tgt Ion:264 Resp: 268310

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.2

265 20.5 15.1 22.7

