

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053194.D
 Acq On : 19 Apr 2022 12:44
 Operator : CG/JU
 Sample : PB144120TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144210BL

Quant Time: Apr 19 15:27:45 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)

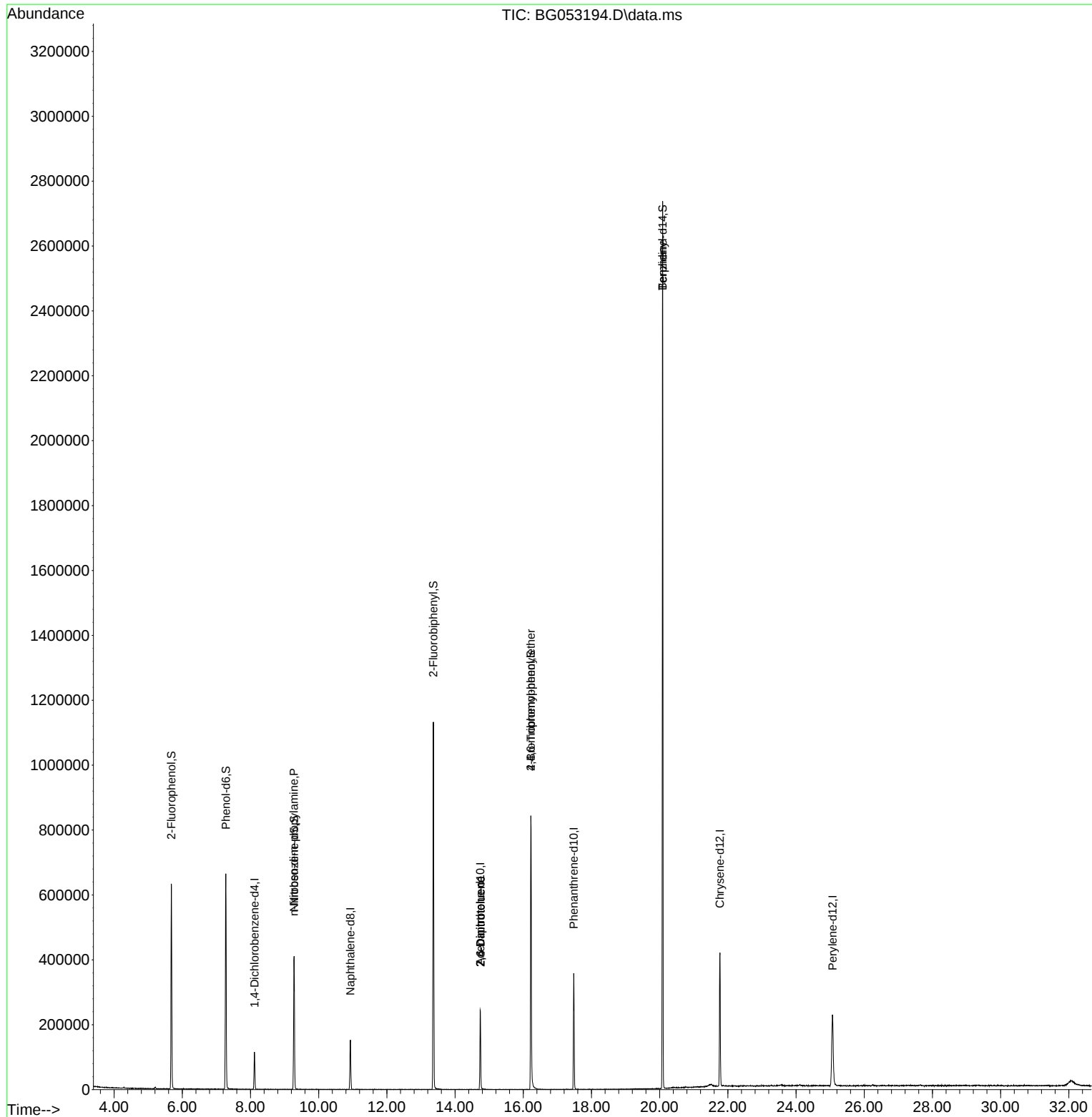
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	31056	20.000	ng	0.00
21) Naphthalene-d8	10.930	136	127725	20.000	ng	0.00
39) Acenaphthene-d10	14.737	164	95306	20.000	ng	-0.01
64) Phenanthrene-d10	17.480	188	238777	20.000	ng	-0.01
76) Chrysene-d12	21.768	240	279713	20.000	ng	# 0.00
86) Perylene-d12	25.070	264	278298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	265569	146.585	ng	0.00
7) Phenol-d6	7.276	99	372696	133.399	ng	0.00
23) Nitrobenzene-d5	9.279	82	268746	85.434	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	189586	125.034	ng	-0.01
45) 2-Fluorobiphenyl	13.362	172	606522	87.753	ng	0.00
79) Terphenyl-d14	20.088	244	1333325	80.506	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.273	70	37770	18.466	ng	# 75
51) 2,6-Dinitrotoluene	14.742	165	12558	7.897	ng	# 24
57) 2,4-Dinitrotoluene	14.742	165	12558	5.547	ng	# 22
67) 4-Bromophenyl-phenylether	16.223	248	11801	3.857	ng	# 1
77) Benzidine	20.088	184	21517	2.696	ng	# 88

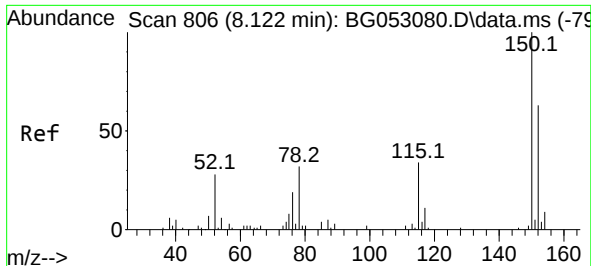
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
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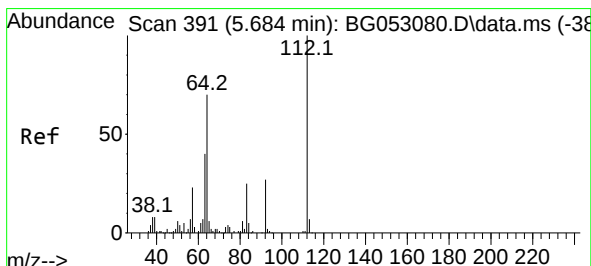
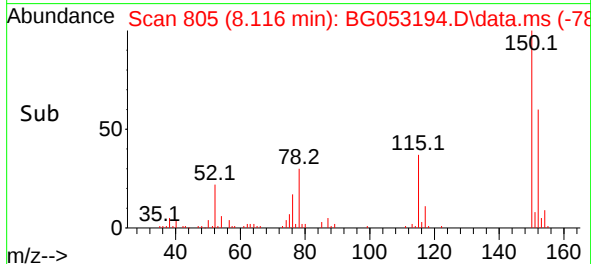
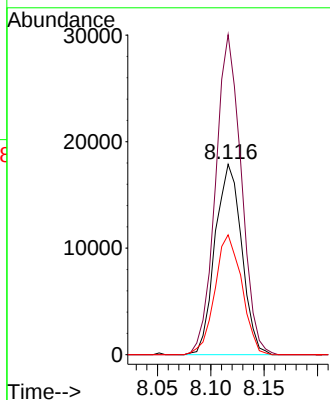
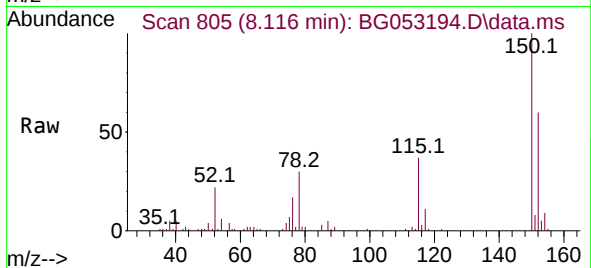




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG053194.D
Acq: 19 Apr 2022 12:44

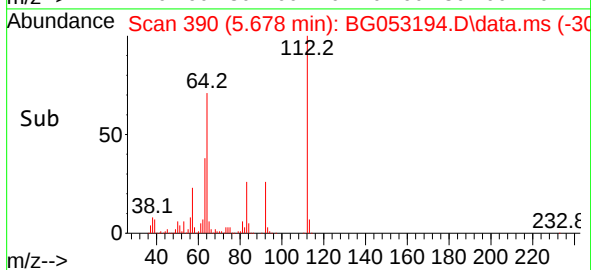
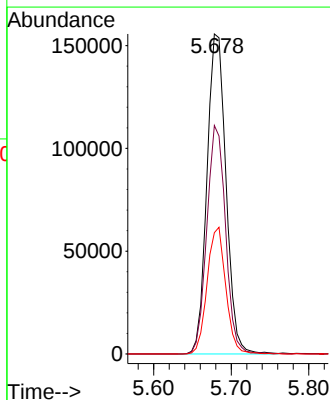
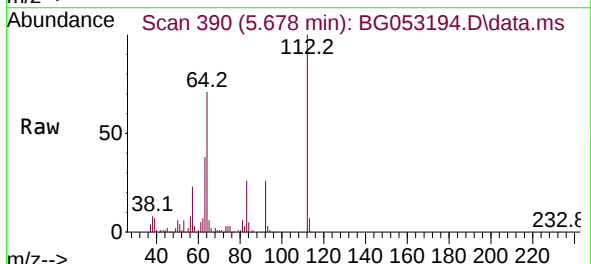
Instrument :
BNA_G
ClientSampleId :
PB144210BL

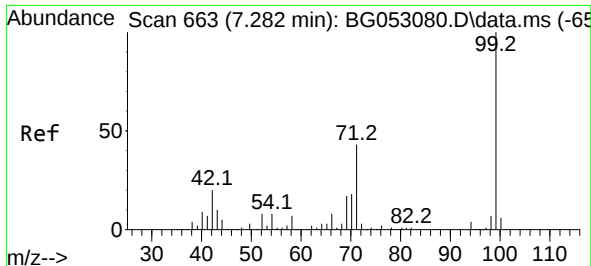
Tgt Ion:152 Resp: 31056
Ion Ratio Lower Upper
152 100
150 168.1 114.6 172.0
115 63.0 45.9 68.9



#5
2-Fluorophenol
Concen: 146.585 ng
RT: 5.678 min Scan# 390
Delta R.T. -0.006 min
Lab File: BG053194.D
Acq: 19 Apr 2022 12:44

Tgt Ion:112 Resp: 265569
Ion Ratio Lower Upper
112 100
64 71.4 48.0 72.0
63 37.9 26.5 39.7

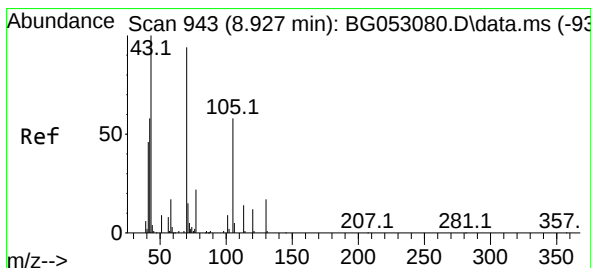
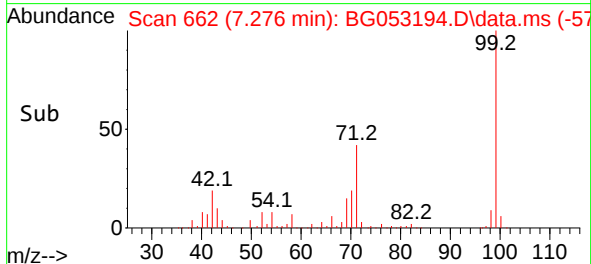
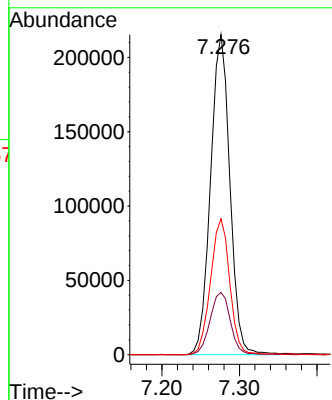
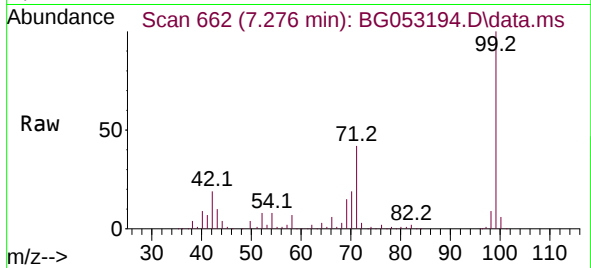




#7
Phenol-d6
Concen: 133.399 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053194.D
Acq: 19 Apr 2022 12:44

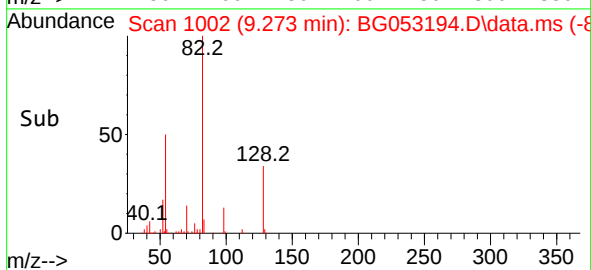
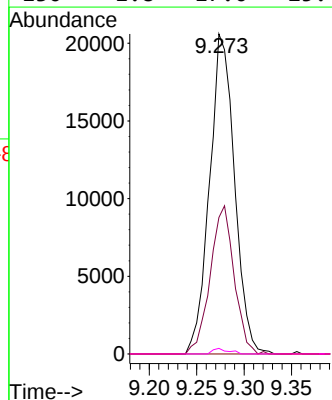
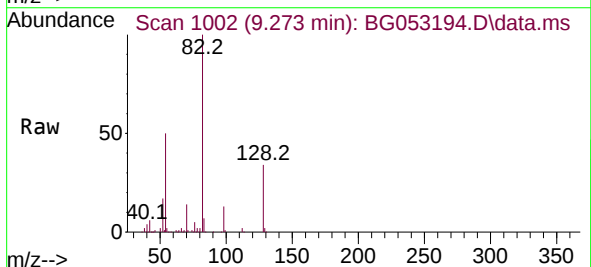
Instrument :
BNA_G
ClientSampleId :
PB144210BL

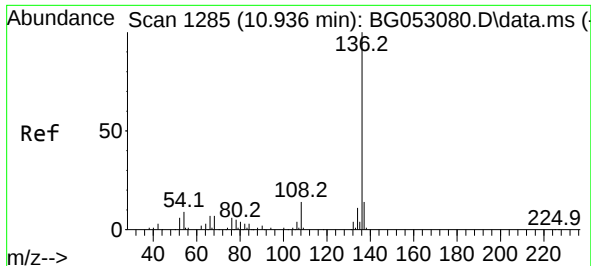
Tgt Ion: 99 Resp: 372696
Ion Ratio Lower Upper
99 100
42 19.4 14.7 22.1
71 42.4 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.466 ng
RT: 9.273 min Scan# 1002
Delta R.T. 0.347 min
Lab File: BG053194.D
Acq: 19 Apr 2022 12:44

Tgt Ion: 70 Resp: 37770
Ion Ratio Lower Upper
70 100
42 42.7 46.0 69.0#
101 0.0 6.2 9.4#
130 1.8 17.0 25.4#

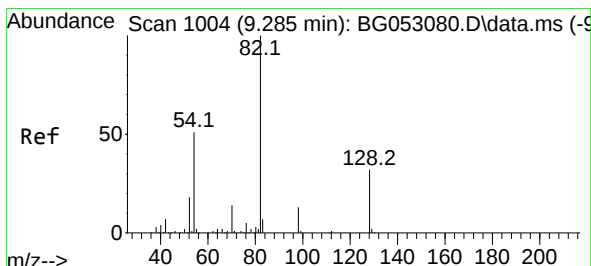
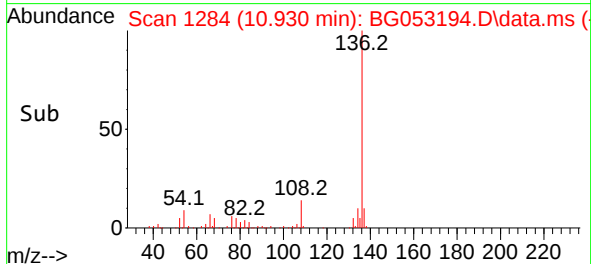
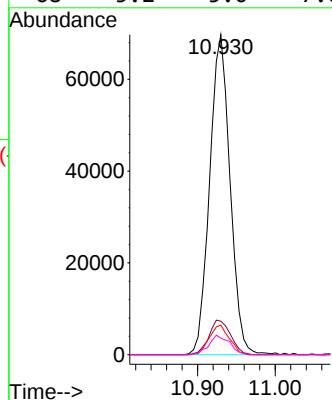
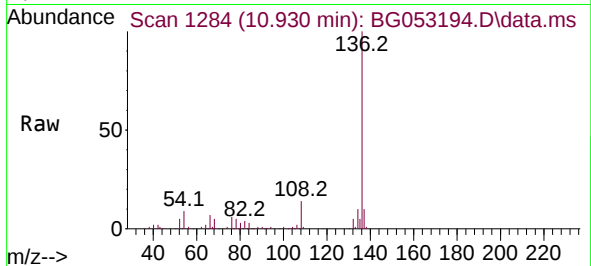




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053194.D
Acq: 19 Apr 2022 12:44

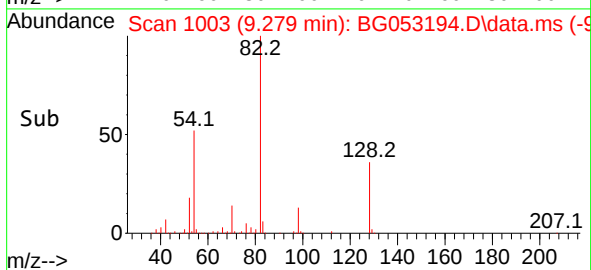
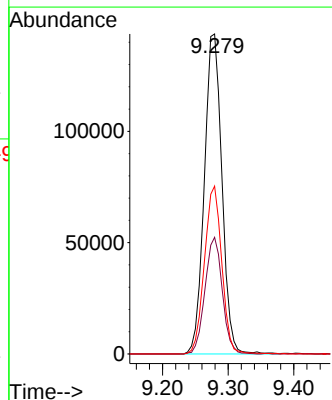
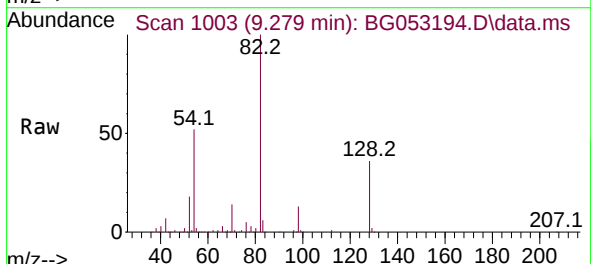
Instrument :
BNA_G
ClientSampleId :
PB144210BL

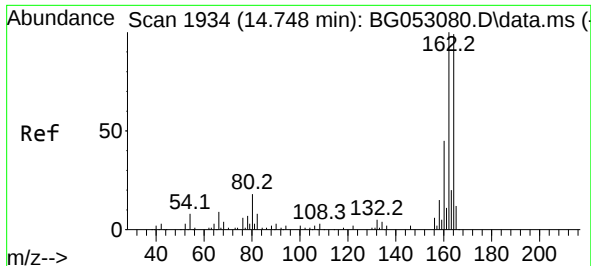
Tgt Ion:	136	Resp:	127725
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.4	14.2
54	9.3	6.4	9.6
68	5.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 85.434 ng
RT: 9.279 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG053194.D
Acq: 19 Apr 2022 12:44

Tgt Ion:	82	Resp:	268746
Ion Ratio	Lower	Upper	
82	100		
128	36.4	31.3	46.9
54	52.4	37.8	56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.737 min Scan# 1932

Delta R.T. -0.012 min

Lab File: BG053194.D

Acq: 19 Apr 2022 12:44

Instrument :

BNA_G

ClientSampleId :

PB144210BL

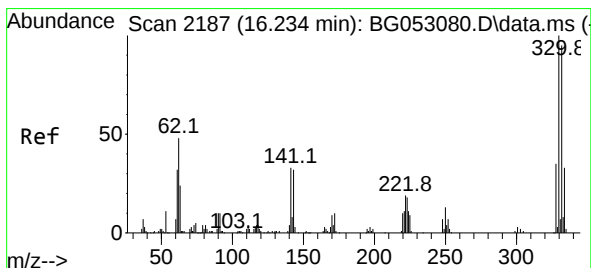
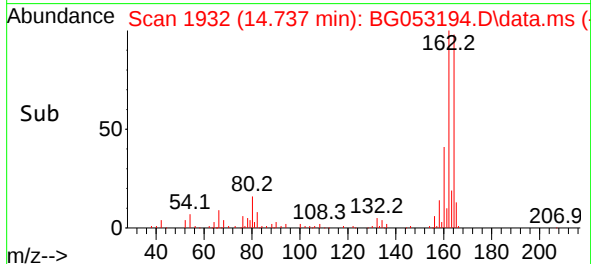
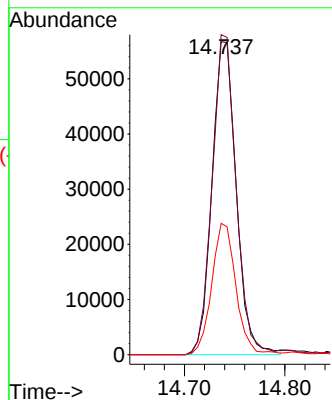
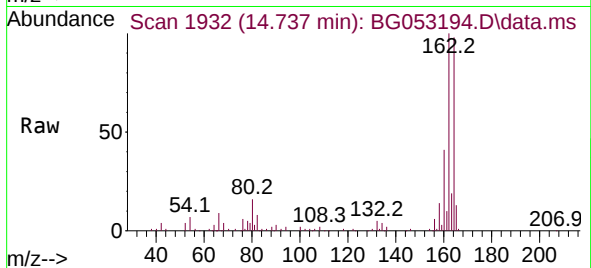
Tgt Ion:164 Resp: 95306

Ion Ratio Lower Upper

164 100

162 102.2 80.0 120.0

160 42.0 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 125.034 ng

RT: 16.223 min Scan# 2185

Delta R.T. -0.012 min

Lab File: BG053194.D

Acq: 19 Apr 2022 12:44

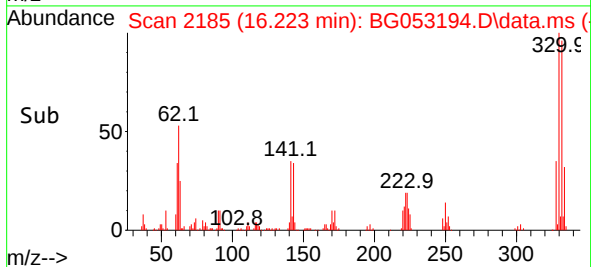
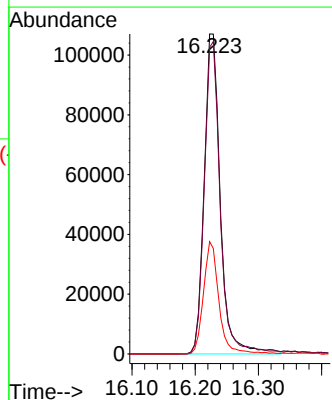
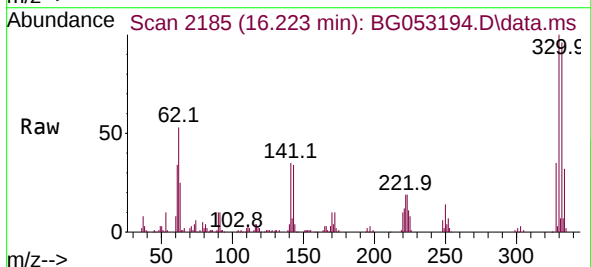
Tgt Ion:330 Resp: 189586

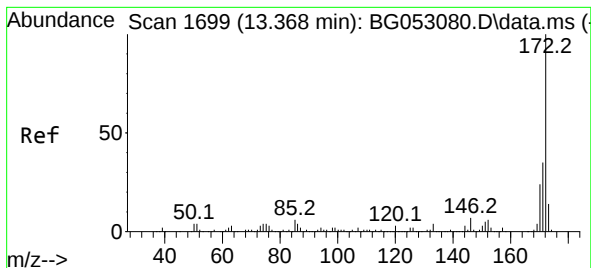
Ion Ratio Lower Upper

330 100

332 96.4 75.8 113.6

141 33.8 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 87.753 ng

RT: 13.362 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG053194.D

Acq: 19 Apr 2022 12:44

Instrument :

BNA_G

ClientSampleId :

PB144210BL

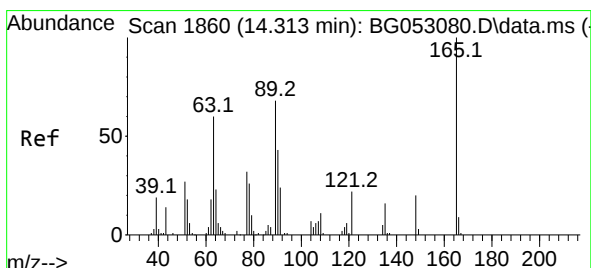
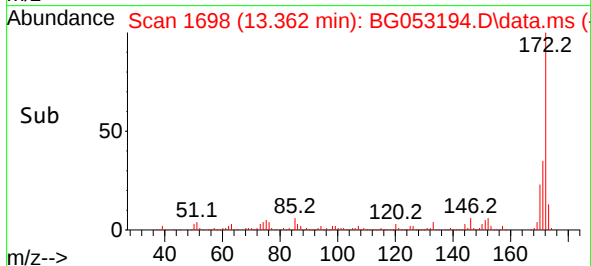
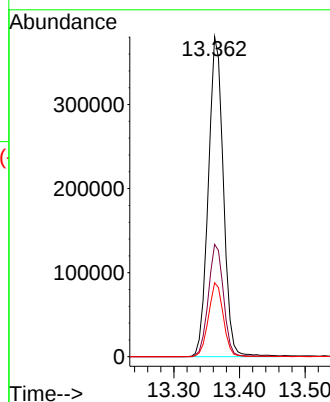
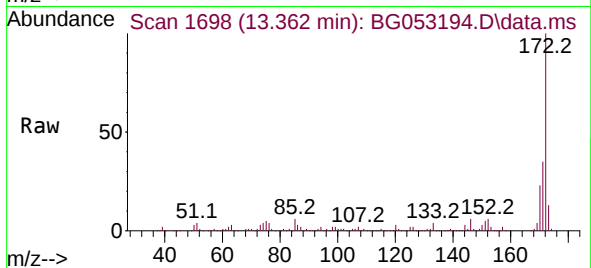
Tgt Ion:172 Resp: 606522

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.1 18.0 27.0



#51

2,6-Dinitrotoluene

Concen: 7.897 ng

RT: 14.742 min Scan# 1933

Delta R.T. 0.429 min

Lab File: BG053194.D

Acq: 19 Apr 2022 12:44

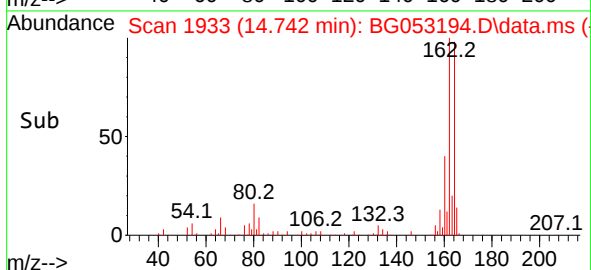
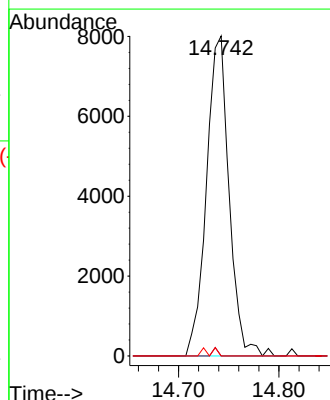
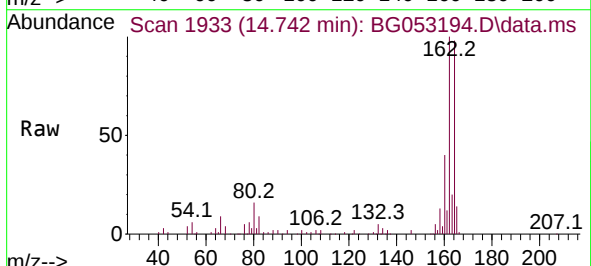
Tgt Ion:165 Resp: 12558

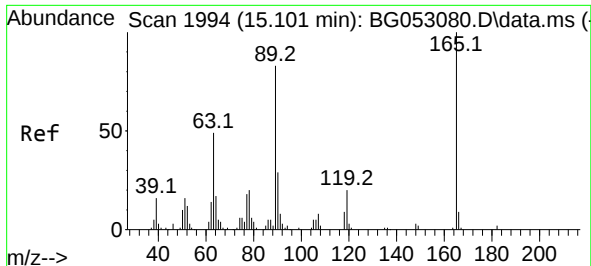
Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.547 ng

RT: 14.742 min Scan# 1994

Delta R.T. -0.358 min

Lab File: BG053194.D

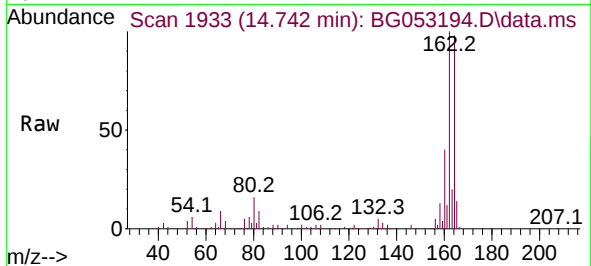
Acq: 19 Apr 2022 12:44

Instrument :

BNA_G

ClientSampleId :

PB144210BL



Tgt Ion:165 Resp: 12558

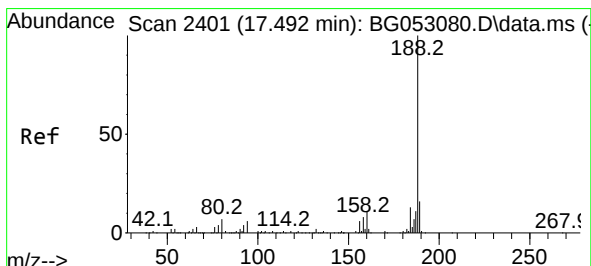
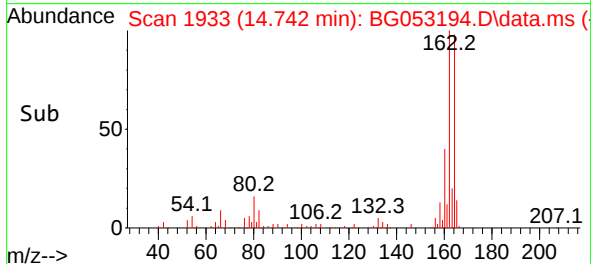
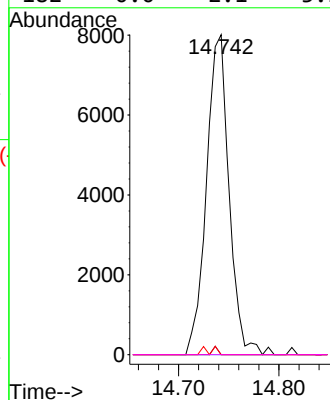
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.480 min Scan# 2399

Delta R.T. -0.012 min

Lab File: BG053194.D

Acq: 19 Apr 2022 12:44

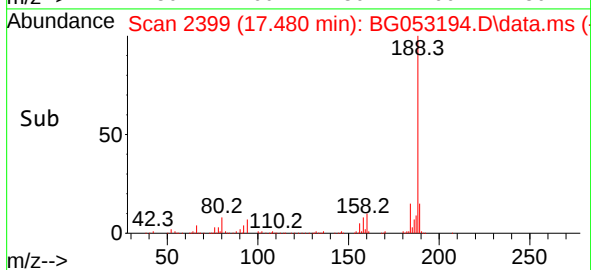
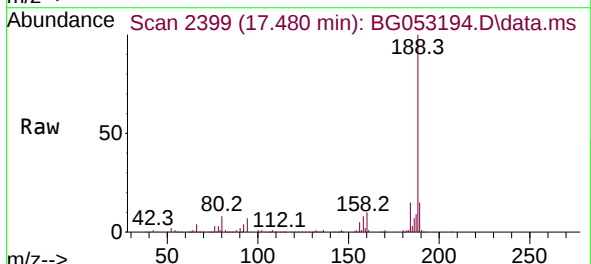
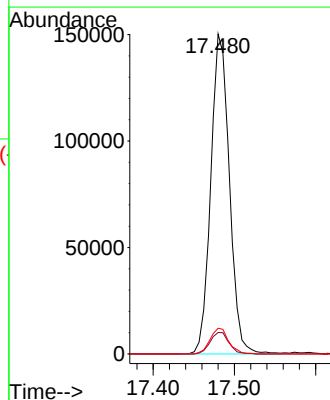
Tgt Ion:188 Resp: 238777

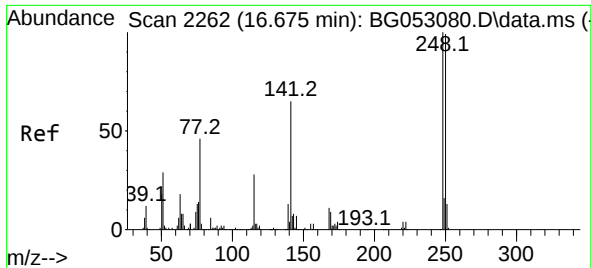
Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

80 8.1 7.2 10.8

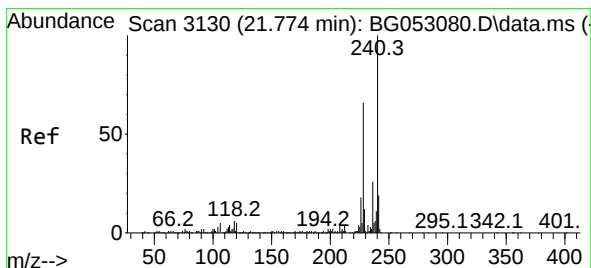
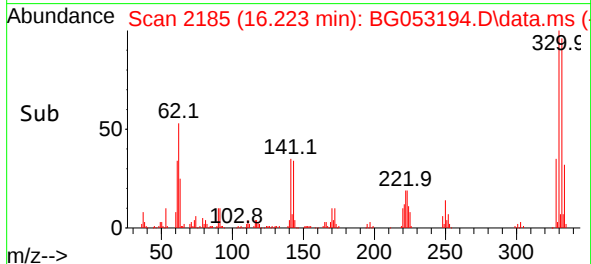
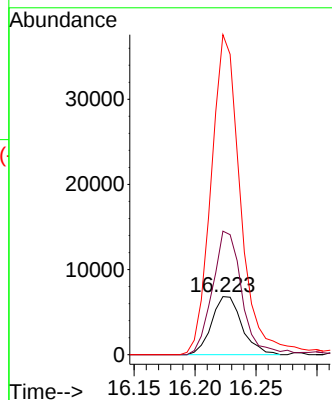
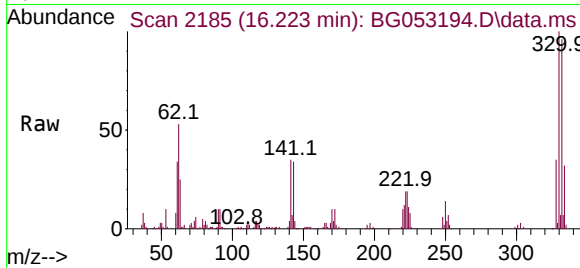




#67
4-Bromophenyl-phenylether
Concen: 3.857 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.452 min
Lab File: BG053194.D
Acq: 19 Apr 2022 12:44

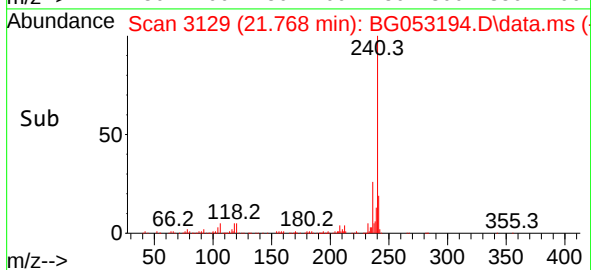
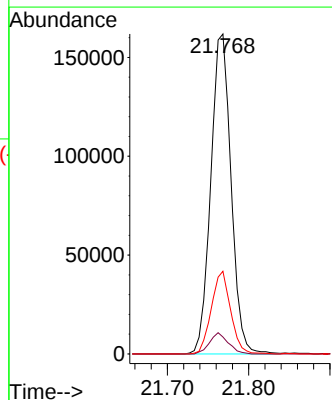
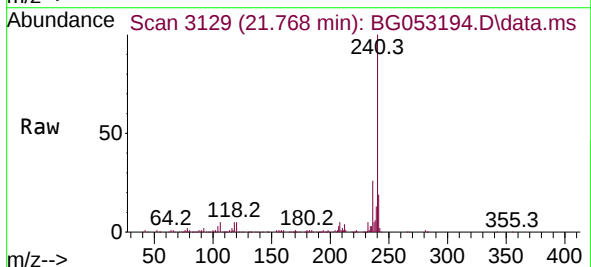
Instrument :
BNA_G
ClientSampleId :
PB144210BL

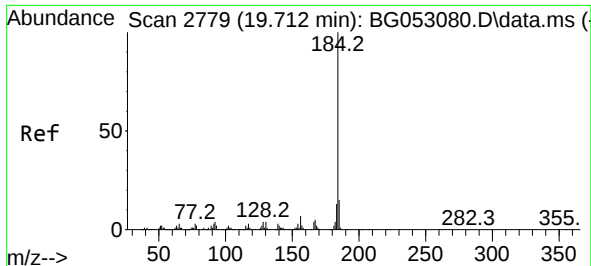
Tgt Ion:248 Resp: 11801
Ion Ratio Lower Upper
248 100
250 212.9 77.9 116.9#
141 551.3 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.768 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BG053194.D
Acq: 19 Apr 2022 12:44

Tgt Ion:240 Resp: 279713
Ion Ratio Lower Upper
240 100
120 5.3 5.4 8.0#
236 25.9 19.8 29.6

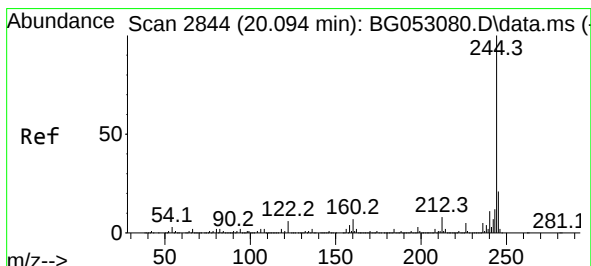
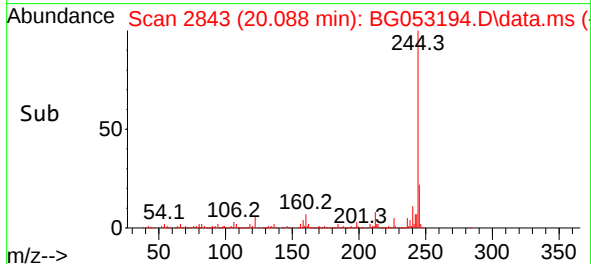
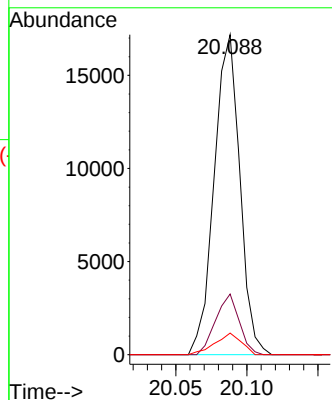
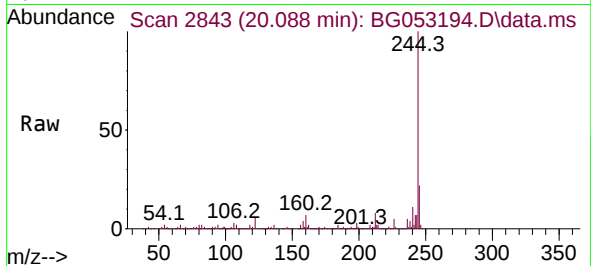




#77
Benzidine
Concen: 2.696 ng
RT: 20.088 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG053194.D
Acq: 19 Apr 2022 12:44

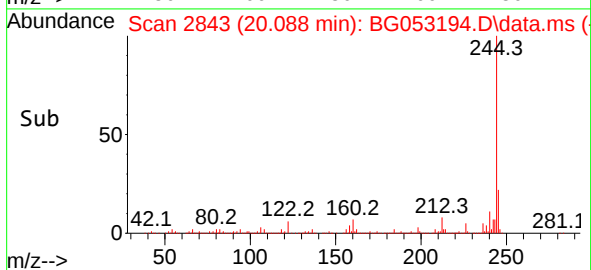
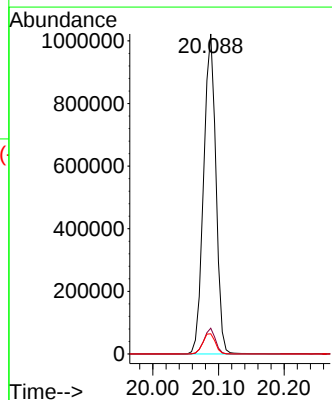
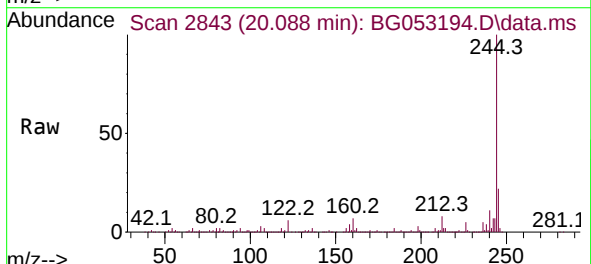
Instrument :
BNA_G
ClientSampleId :
PB144210BL

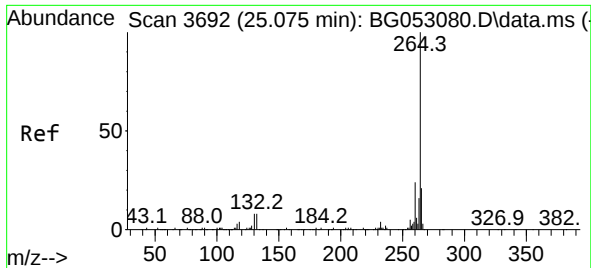
Tgt Ion:184 Resp: 21517
Ion Ratio Lower Upper
184 100
185 19.0 11.5 17.3#
183 6.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 80.506 ng
RT: 20.088 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BG053194.D
Acq: 19 Apr 2022 12:44

Tgt Ion:244 Resp: 1333325
Ion Ratio Lower Upper
244 100
212 8.0 5.4 8.2
122 6.3 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.070 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG053194.D
Acq: 19 Apr 2022 12:44

Instrument :
BNA_G
ClientSampleId :
PB144210BL

Tgt Ion:264 Resp: 278298

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	22.1	15.1	22.7

