

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053227.D
 Acq On : 20 Apr 2022 22:27
 Operator : CG/JU
 Sample : N2451-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1120

Quant Time: Apr 21 06:05:18 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)

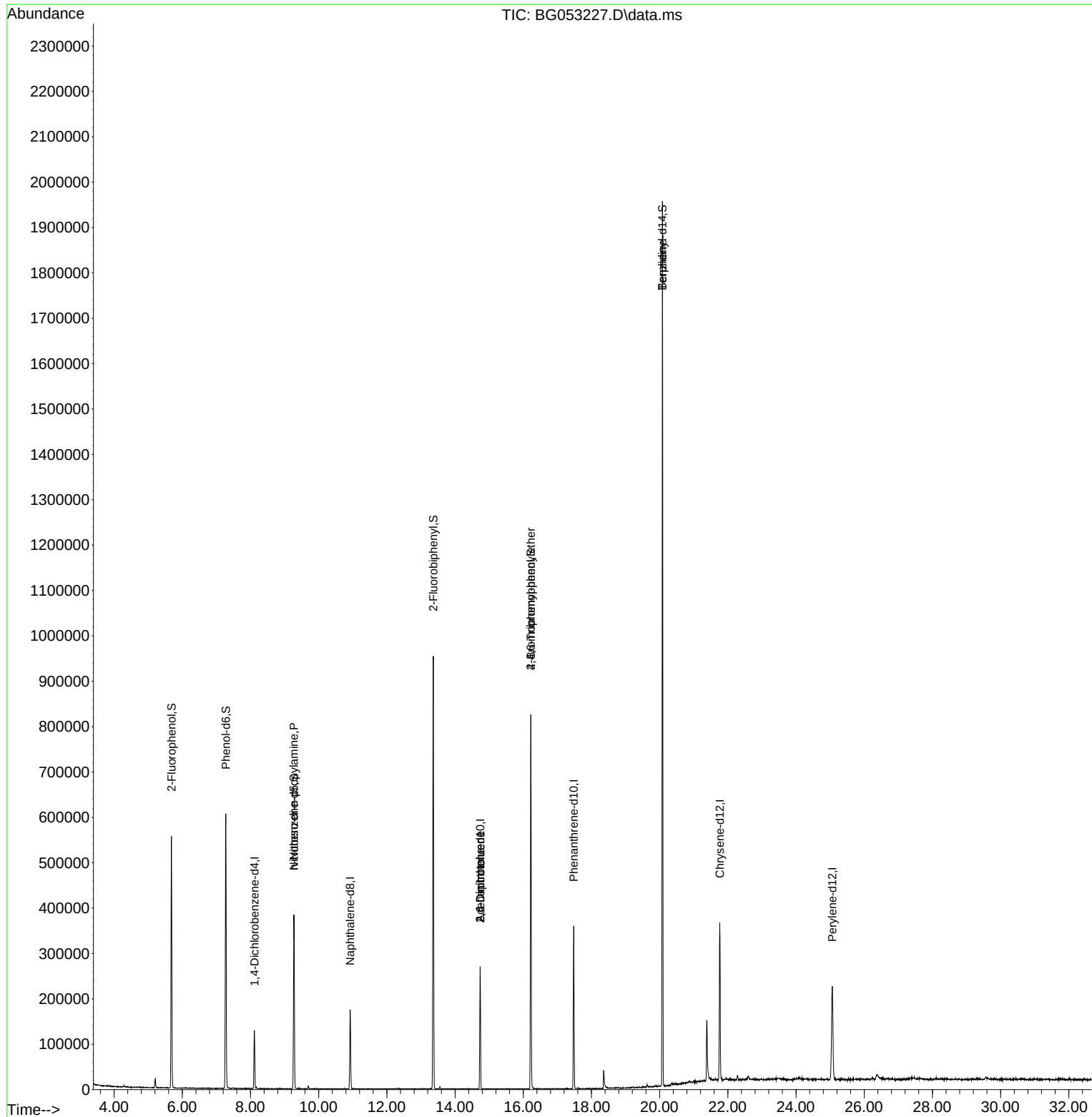
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	36381	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	141034	20.000	ng	-0.01
39) Acenaphthene-d10	14.737	164	98416	20.000	ng	-0.01
64) Phenanthrene-d10	17.480	188	228746	20.000	ng	#-0.01
76) Chrysene-d12	21.763	240	226772	20.000	ng	-0.01
86) Perylene-d12	25.064	264	233956	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	232705	109.645	ng	0.00
7) Phenol-d6	7.276	99	339466	103.721	ng	0.00
23) Nitrobenzene-d5	9.274	82	247064	71.129	ng	-0.01
42) 2,4,6-Tribromophenol	16.223	330	164592	105.120	ng	-0.01
45) 2-Fluorobiphenyl	13.362	172	529120	74.135	ng	0.00
79) Terphenyl-d14	20.083	244	965490	71.906	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.274	70	34458	14.381	ng	# 79
51) 2,6-Dinitrotoluene	14.737	165	12455	7.584	ng	# 25
57) 2,4-Dinitrotoluene	14.737	165	12455	5.327	ng	# 24
67) 4-Bromophenyl-phenylether	16.223	248	10772	3.675	ng	# 1
77) Benzidine	20.083	184	16087	2.486	ng	# 76

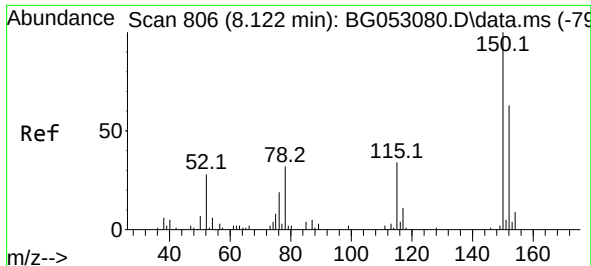
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

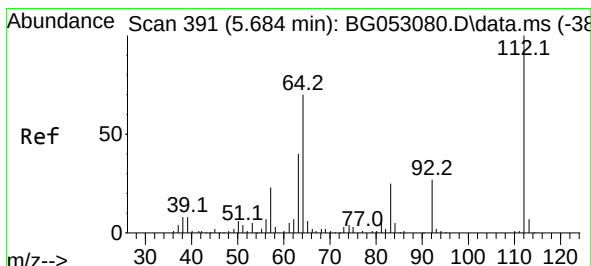
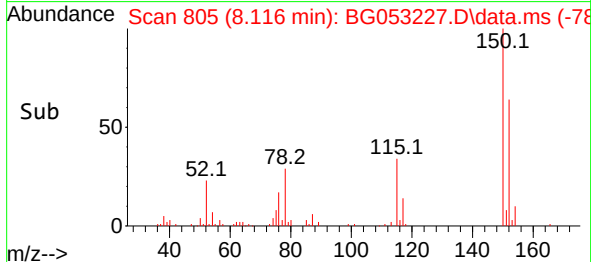
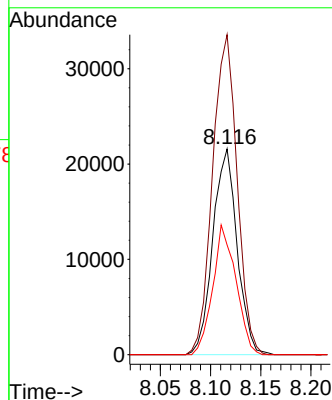
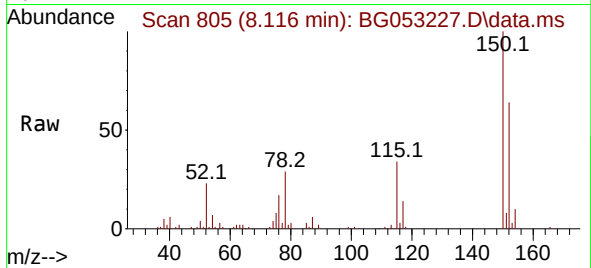




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

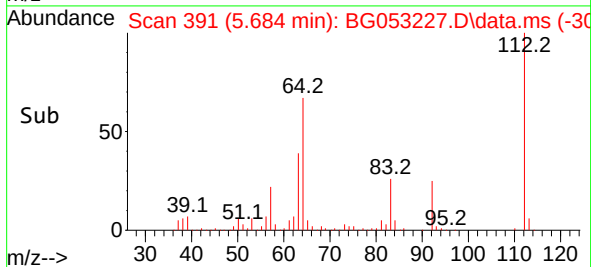
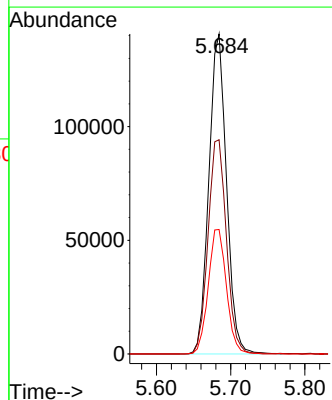
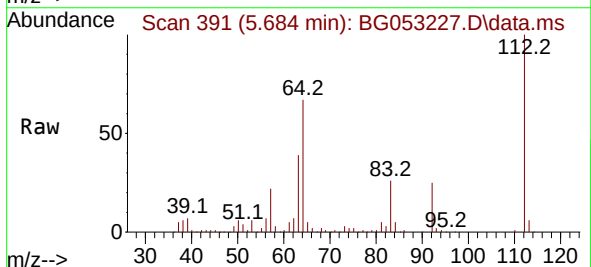
Instrument :
BNA_G
ClientSampleId :
SB-1120

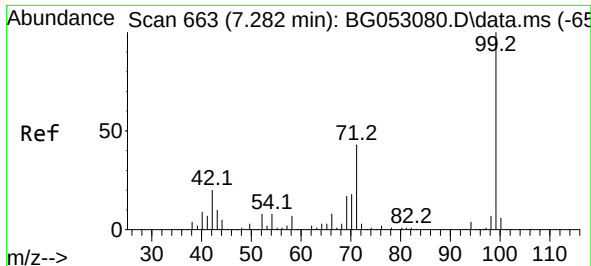
Tgt Ion:152 Resp: 36381
Ion Ratio Lower Upper
152 100
150 155.5 114.6 172.0
115 53.3 45.9 68.9



#5
2-Fluorophenol
Concen: 109.645 ng
RT: 5.684 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

Tgt Ion:112 Resp: 232705
Ion Ratio Lower Upper
112 100
64 66.9 48.0 72.0
63 38.9 26.5 39.7

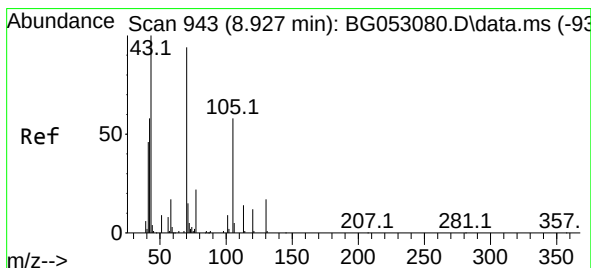
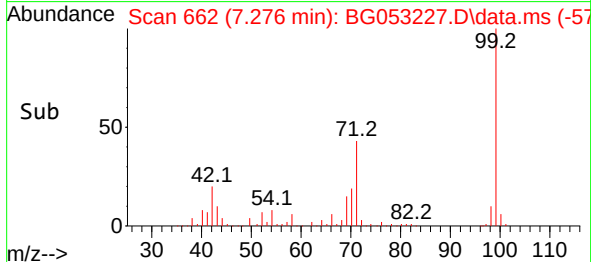
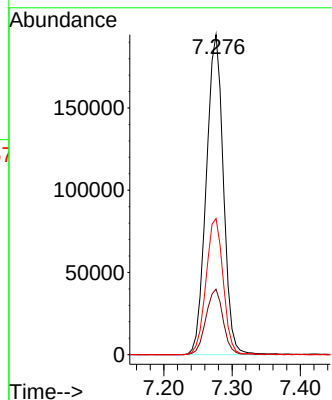
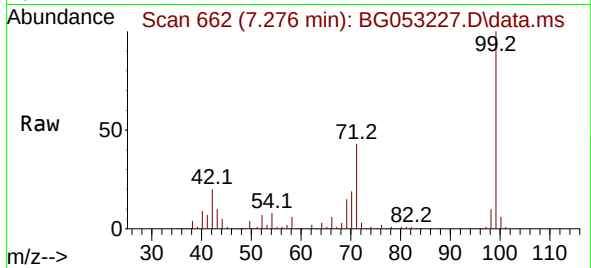




#7
Phenol-d6
Concen: 103.721 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

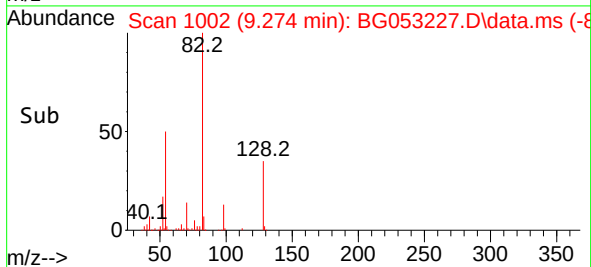
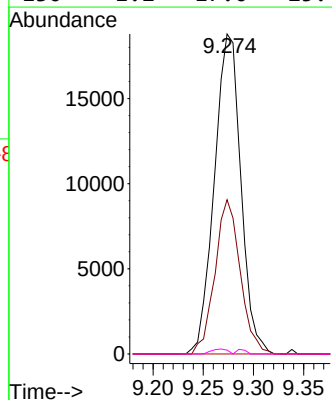
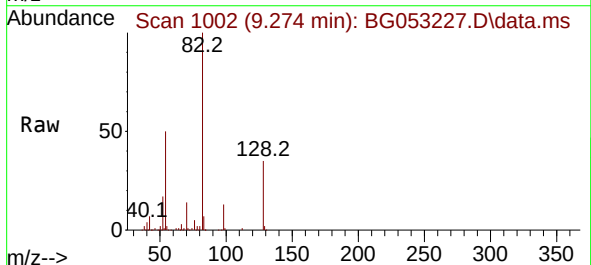
Instrument :
BNA_G
ClientSampleId :
SB-1120

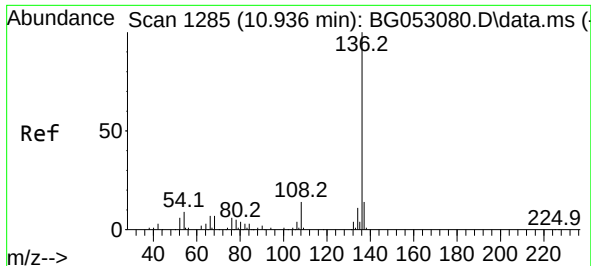
Tgt Ion: 99 Resp: 339466
Ion Ratio Lower Upper
99 100
42 20.5 14.7 22.1
71 42.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.381 ng
RT: 9.274 min Scan# 1002
Delta R.T. 0.347 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

Tgt Ion: 70 Resp: 34458
Ion Ratio Lower Upper
70 100
42 48.2 46.0 69.0
101 0.0 6.2 9.4#
130 1.2 17.0 25.4#



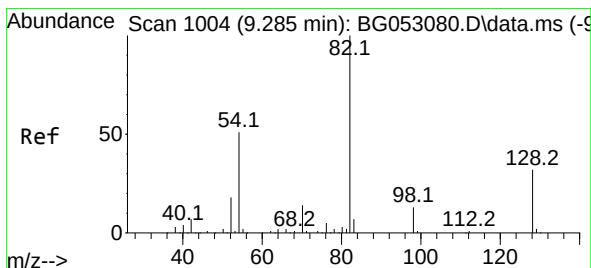
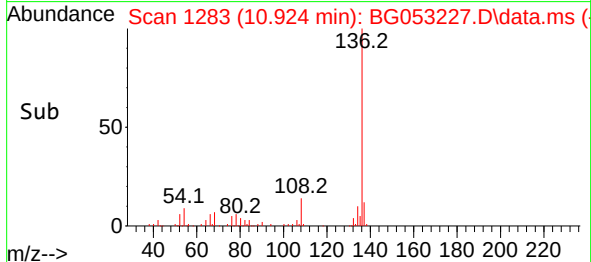
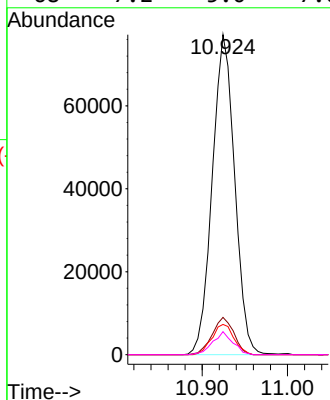
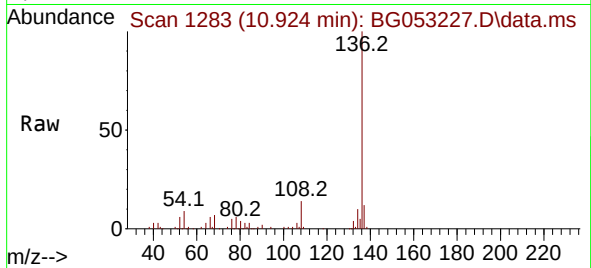


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

Instrument :
BNA_G
ClientSampleId :
SB-1120

Tgt Ion:136 Resp: 141034

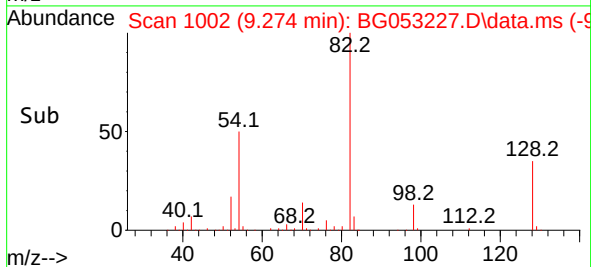
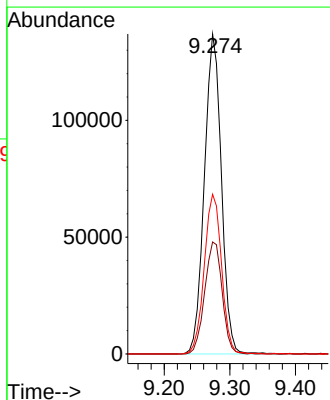
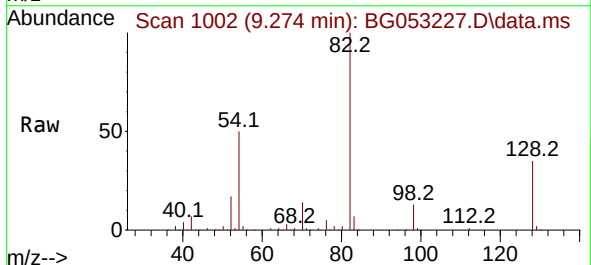
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	9.5	6.4	9.6
68	7.2	5.0	7.6

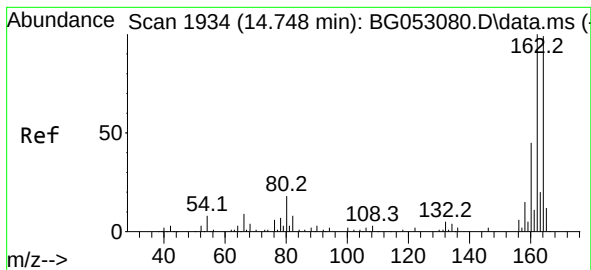


#23
Nitrobenzene-d5
Concen: 71.129 ng
RT: 9.274 min Scan# 1002
Delta R.T. -0.011 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

Tgt Ion: 82 Resp: 247064

Ion	Ratio	Lower	Upper
82	100		
128	35.0	31.3	46.9
54	49.9	37.8	56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.737 min Scan# 1932

Delta R.T. -0.011 min

Lab File: BG053227.D

Acq: 20 Apr 2022 22:27

Instrument :

BNA_G

ClientSampleId :

SB-1120

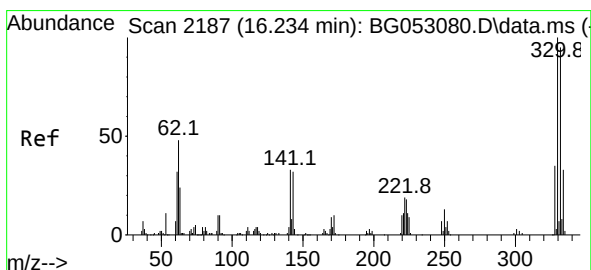
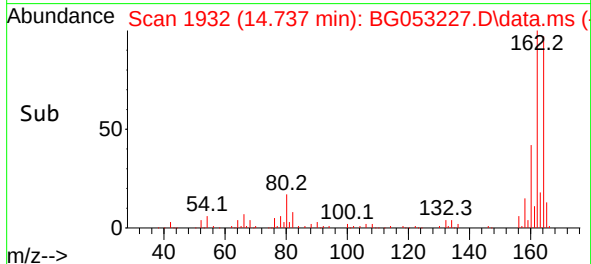
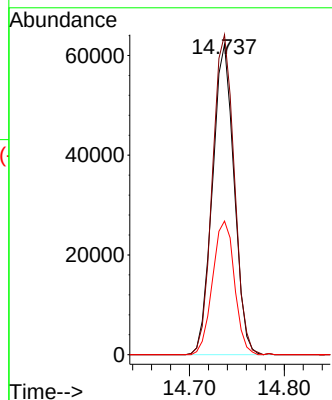
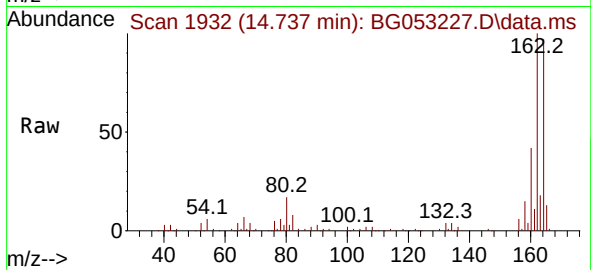
Tgt Ion:164 Resp: 98416

Ion Ratio Lower Upper

164 100

162 103.1 80.0 120.0

160 43.0 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 105.120 ng

RT: 16.223 min Scan# 2185

Delta R.T. -0.011 min

Lab File: BG053227.D

Acq: 20 Apr 2022 22:27

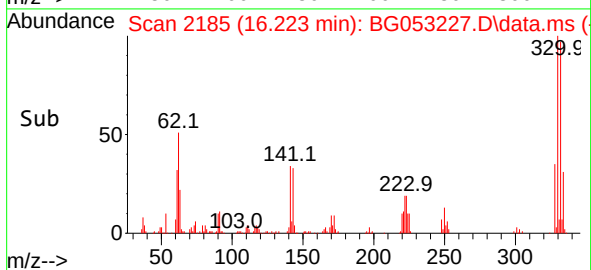
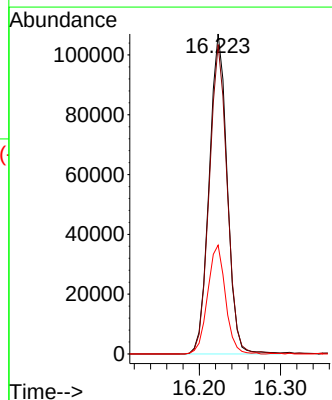
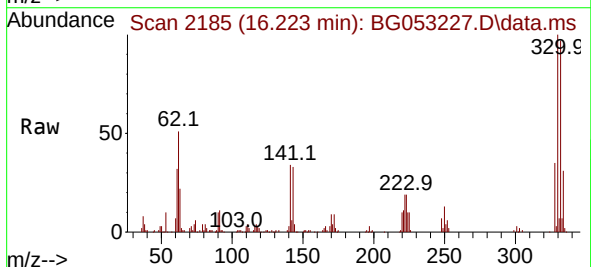
Tgt Ion:330 Resp: 164592

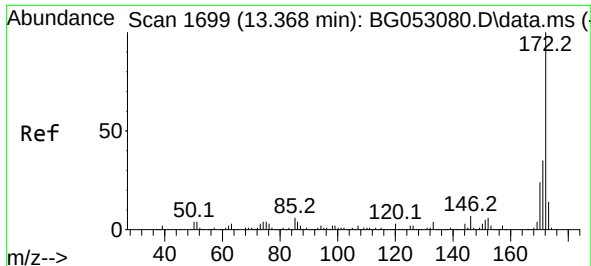
Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.6

141 33.6 24.6 36.8

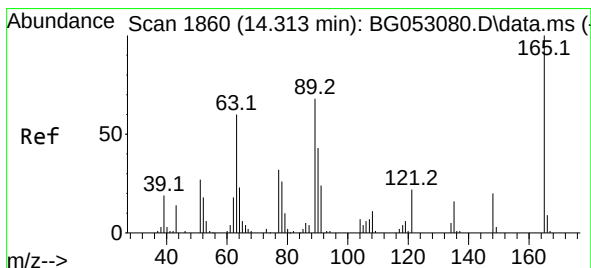
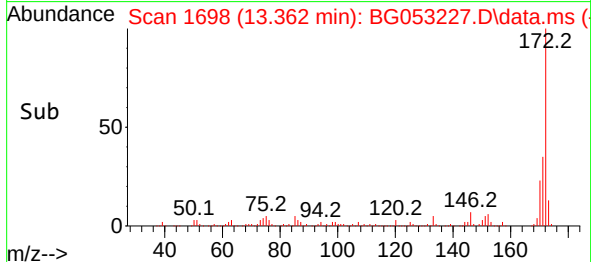
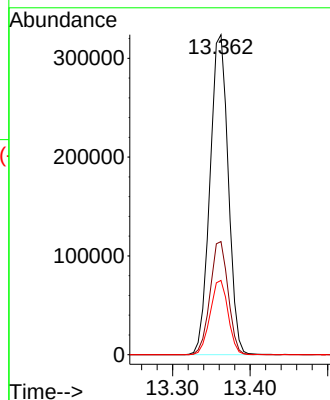
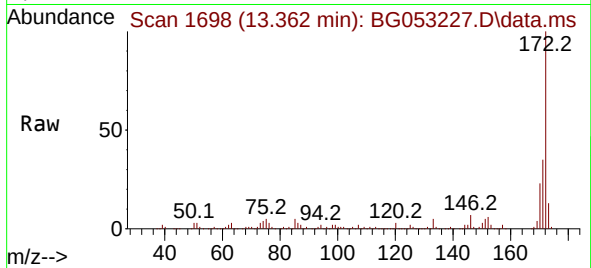




#45
2-Fluorobiphenyl
Concen: 74.135 ng
RT: 13.362 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

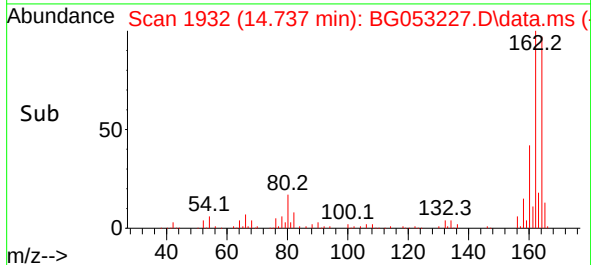
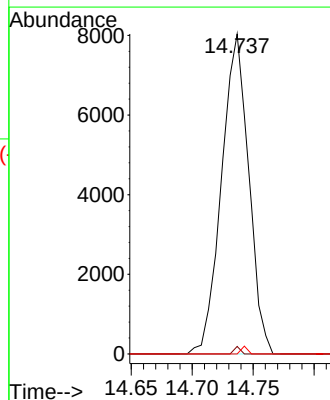
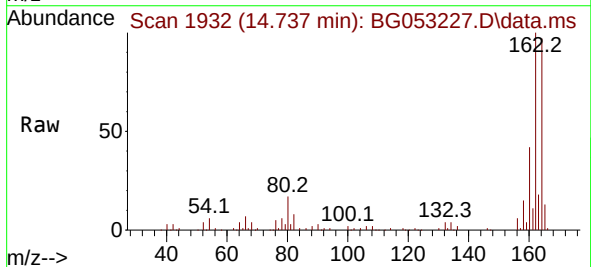
Instrument :
BNA_G
ClientSampleId :
SB-1120

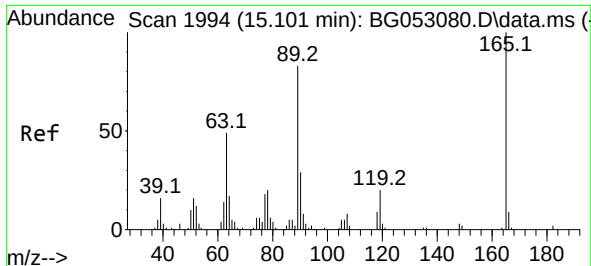
Tgt Ion:172 Resp: 529120
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.584 ng
RT: 14.737 min Scan# 1932
Delta R.T. 0.423 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

Tgt Ion:165 Resp: 12455
Ion Ratio Lower Upper
165 100
63 2.3 43.7 65.5#
89 0.0 45.0 67.4#

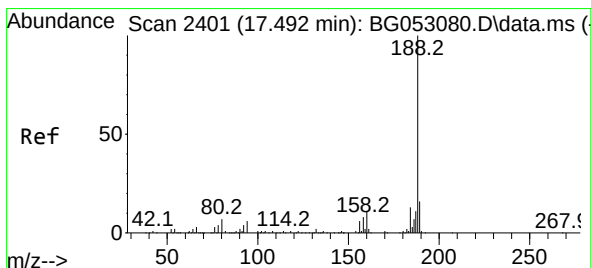
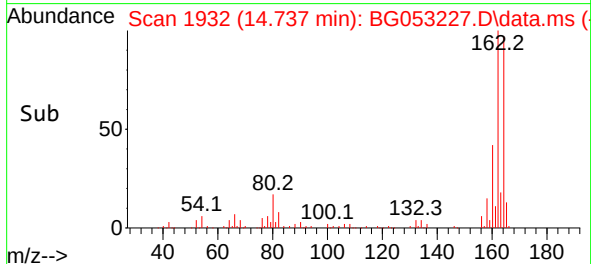
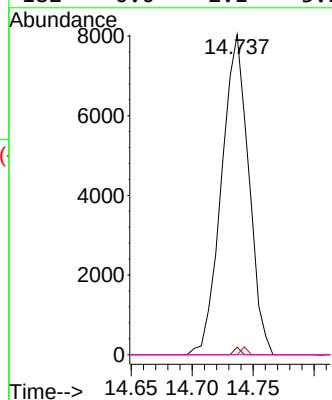
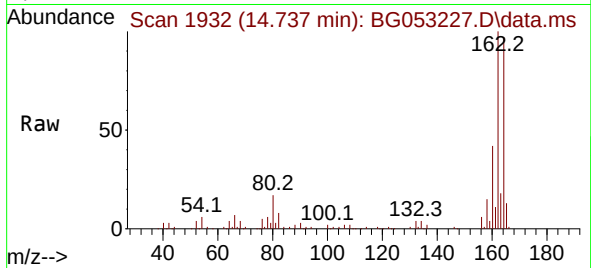




#57
2,4-Dinitrotoluene
Concen: 5.327 ng
RT: 14.737 min Scan# 1932
Delta R.T. -0.364 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

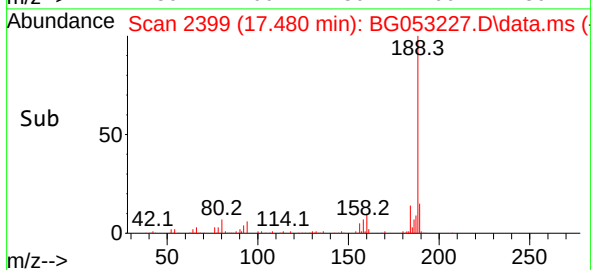
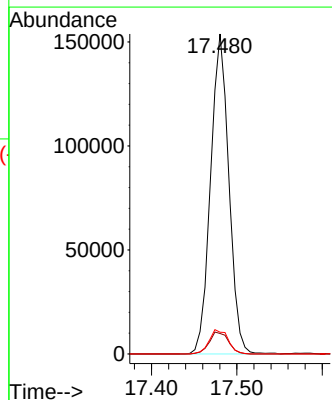
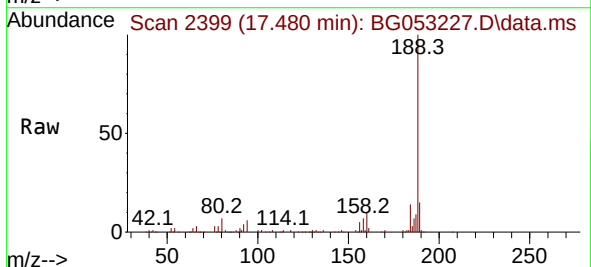
Instrument :
BNA_G
ClientSampleId :
SB-1120

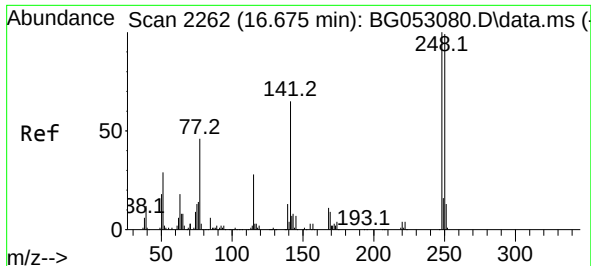
Tgt Ion:165 Resp: 12455
Ion Ratio Lower Upper
165 100
63 2.3 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.011 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

Tgt Ion:188 Resp: 228746
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 6.8 7.2 10.8#

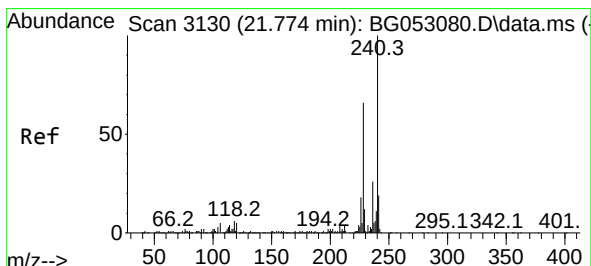
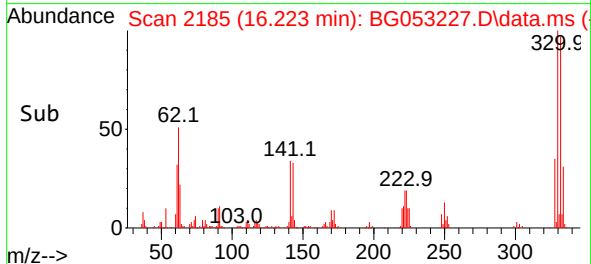
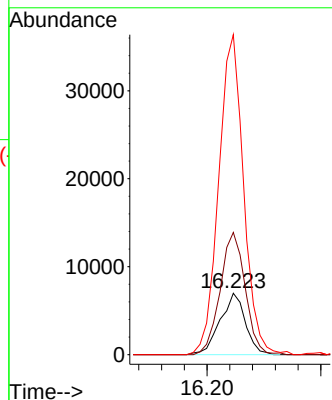
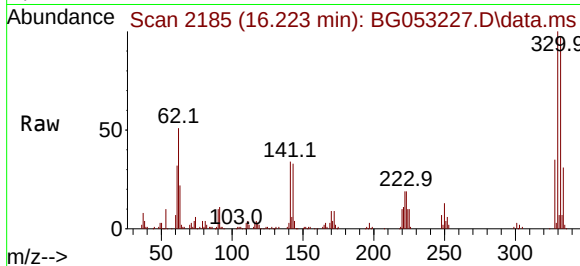




#67
4-Bromophenyl-phenylether
Concen: 3.675 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.452 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

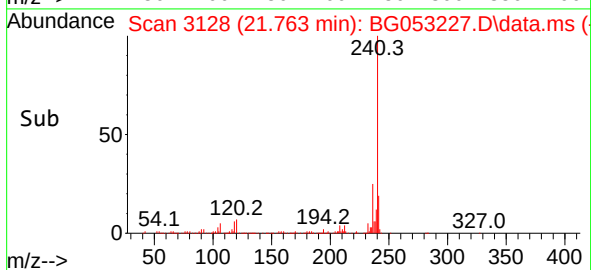
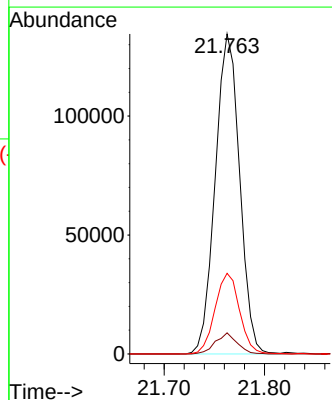
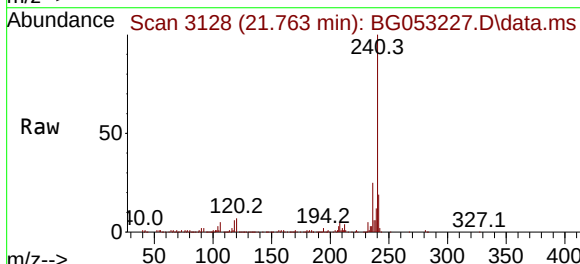
Instrument :
BNA_G
ClientSampleId :
SB-1120

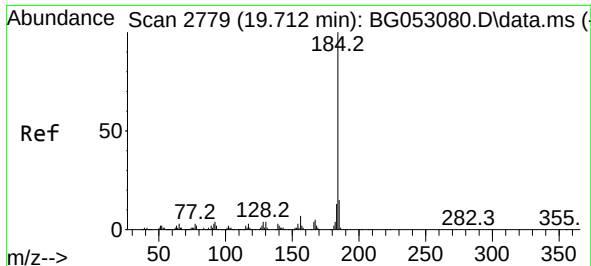
Tgt Ion:248 Resp: 10772
Ion Ratio Lower Upper
248 100
250 198.8 77.9 116.9#
141 520.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

Tgt Ion:240 Resp: 226772
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 25.2 19.8 29.6

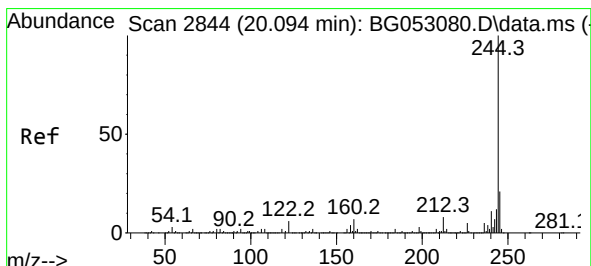
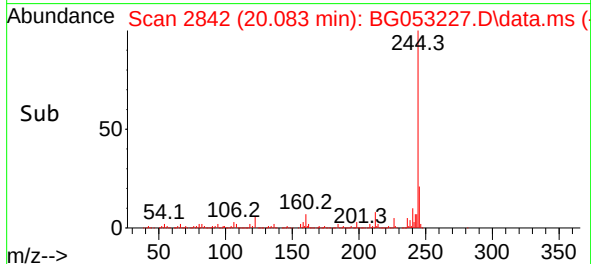
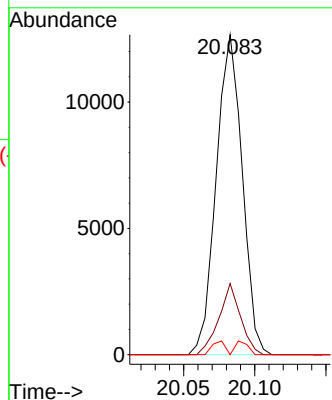
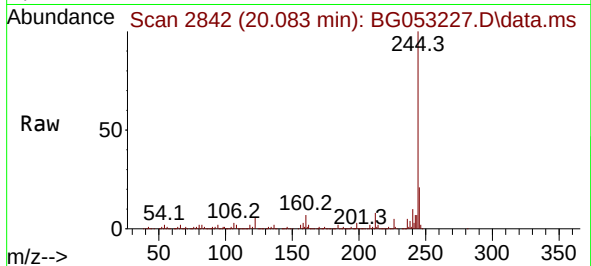




#77
Benzidine
Concen: 2.486 ng
RT: 20.083 min Scan# 2842
Delta R.T. 0.371 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

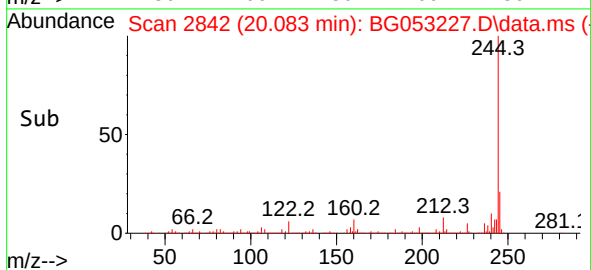
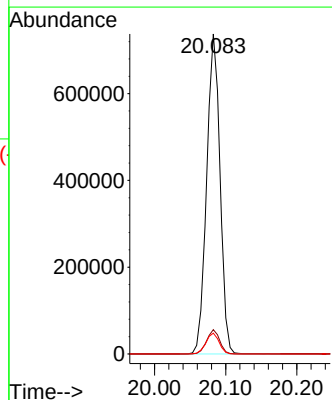
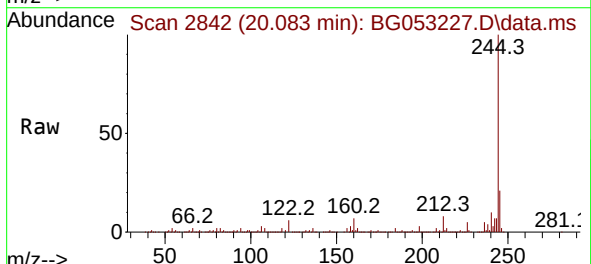
Instrument :
BNA_G
ClientSampleId :
SB-1120

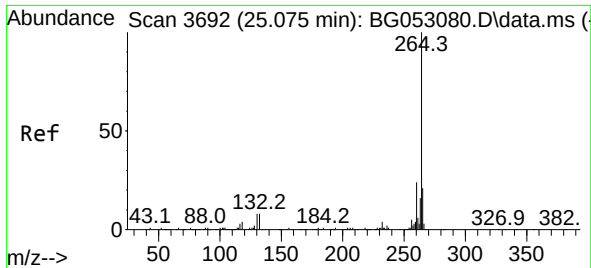
Tgt Ion:184 Resp: 16087
Ion Ratio Lower Upper
184 100
185 22.3 11.5 17.3#
183 0.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 71.906 ng
RT: 20.083 min Scan# 2842
Delta R.T. -0.011 min
Lab File: BG053227.D
Acq: 20 Apr 2022 22:27

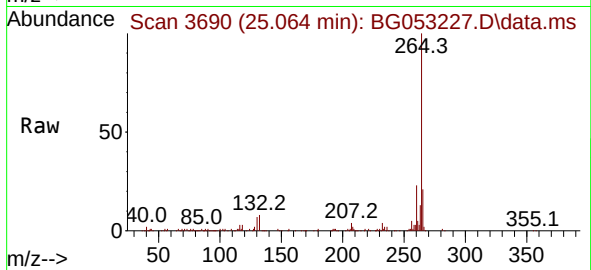
Tgt Ion:244 Resp: 965490
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.064 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG053227.D
 Acq: 20 Apr 2022 22:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-1120



Tgt Ion:264 Resp: 233956
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 20.8 15.1 22.7

