

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053231.D
 Acq On : 21 Apr 2022 1:02
 Operator : CG/JU
 Sample : N2451-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3145

Quant Time: Apr 21 06:05:43 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)

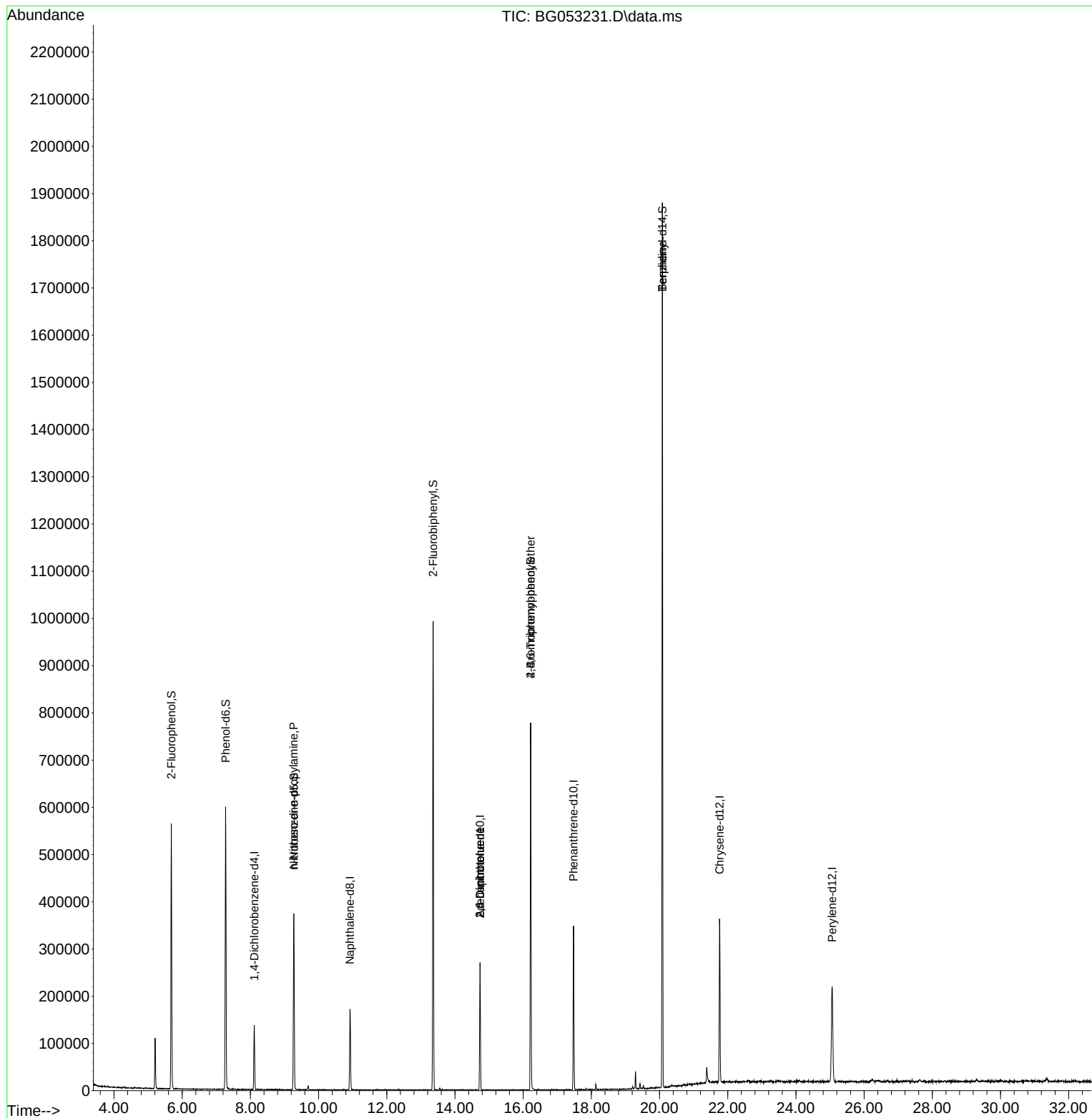
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	36941	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	141722	20.000	ng	#-0.01
39) Acenaphthene-d10	14.734	164	98156	20.000	ng	-0.01
64) Phenanthrene-d10	17.478	188	227467	20.000	ng	-0.01
76) Chrysene-d12	21.760	240	230063	20.000	ng	-0.01
86) Perylene-d12	25.061	264	232959	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	230266	106.851	ng	0.00
7) Phenol-d6	7.274	99	333413	100.327	ng	0.00
23) Nitrobenzene-d5	9.277	82	240801	68.990	ng	0.00
42) 2,4,6-Tribromophenol	16.221	330	157393	100.788	ng	-0.01
45) 2-Fluorobiphenyl	13.360	172	521563	73.270	ng	0.00
79) Terphenyl-d14	20.086	244	969963	71.205	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.271	70	34448	14.159	ng	# 72
51) 2,6-Dinitrotoluene	14.734	165	12832	7.835	ng	# 25
57) 2,4-Dinitrotoluene	14.734	165	12832	5.503	ng	# 24
67) 4-Bromophenyl-phenylether	16.221	248	10620	3.644	ng	# 1
77) Benzidine	20.086	184	16525	2.517	ng	# 91

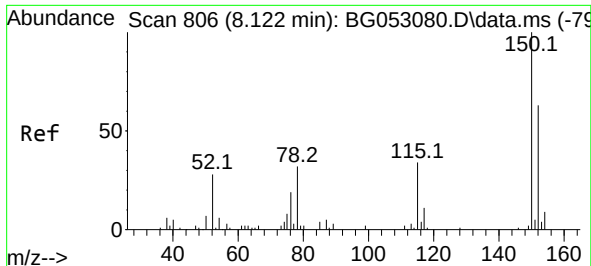
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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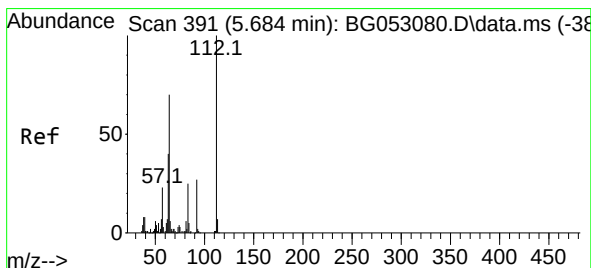
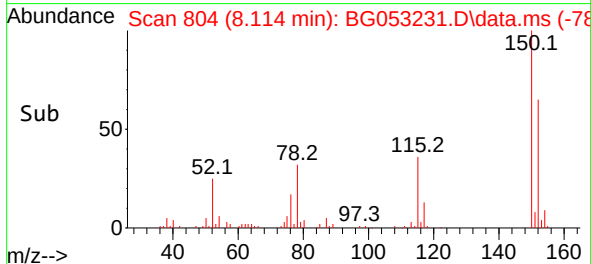
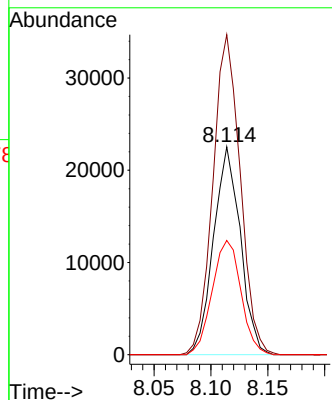
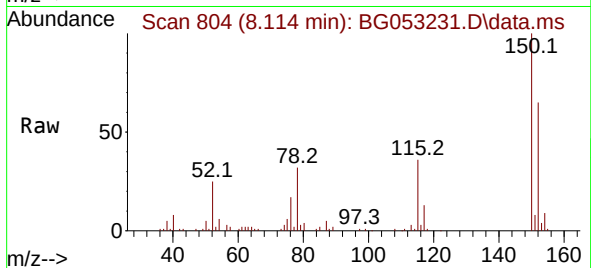




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.114 min Scan# 80
 Delta R.T. -0.008 min
 Lab File: BG053231.D
 Acq: 21 Apr 2022 1:02

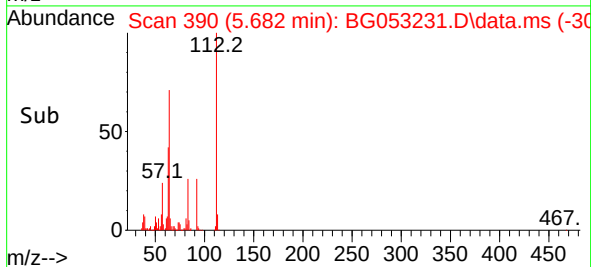
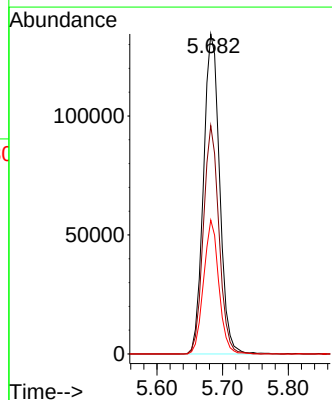
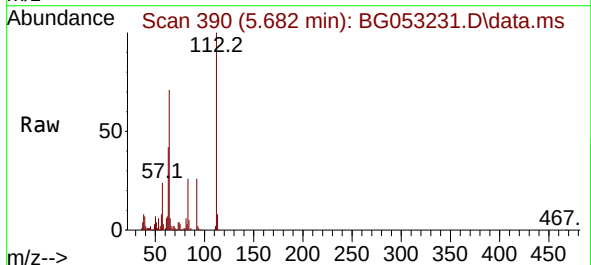
Instrument :
 BNA_G
 ClientSampleId :
 SB-3145

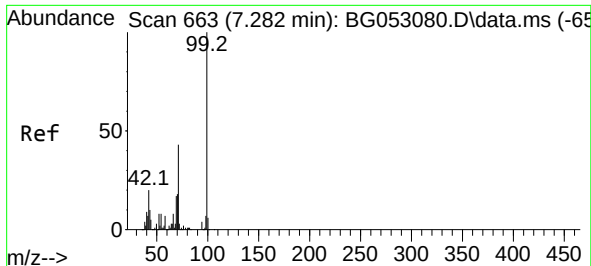
Tgt Ion:152 Resp: 36941
 Ion Ratio Lower Upper
 152 100
 150 153.9 114.6 172.0
 115 55.0 45.9 68.9



#5
 2-Fluorophenol
 Concen: 106.851 ng
 RT: 5.682 min Scan# 390
 Delta R.T. -0.002 min
 Lab File: BG053231.D
 Acq: 21 Apr 2022 1:02

Tgt Ion:112 Resp: 230266
 Ion Ratio Lower Upper
 112 100
 64 71.3 48.0 72.0
 63 41.9 26.5 39.7#

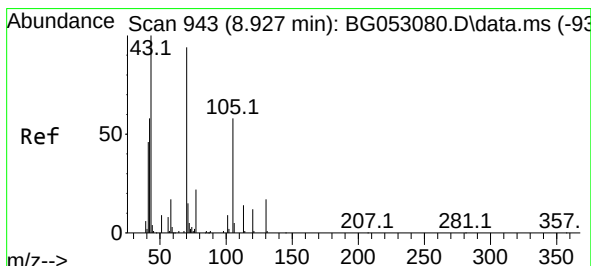
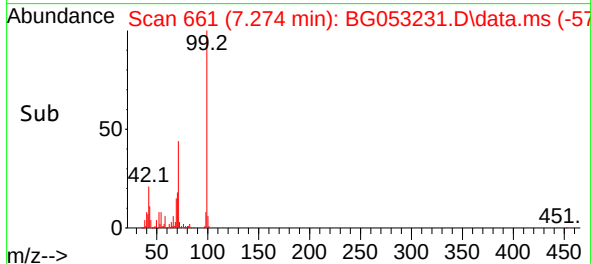
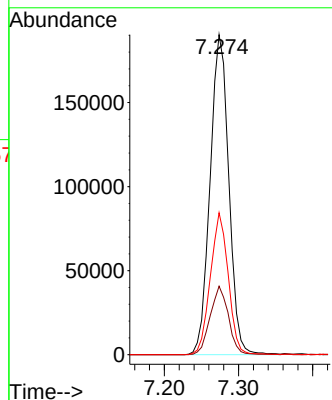
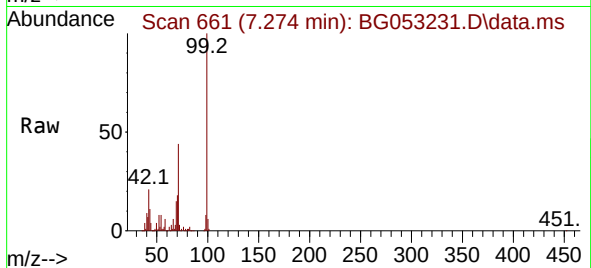




#7
Phenol-d6
Concen: 100.327 ng
RT: 7.274 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053231.D
Acq: 21 Apr 2022 1:02

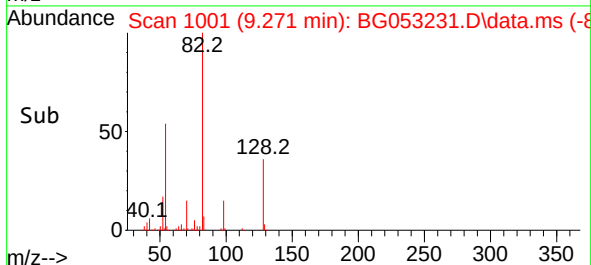
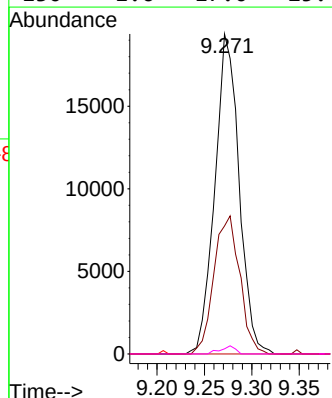
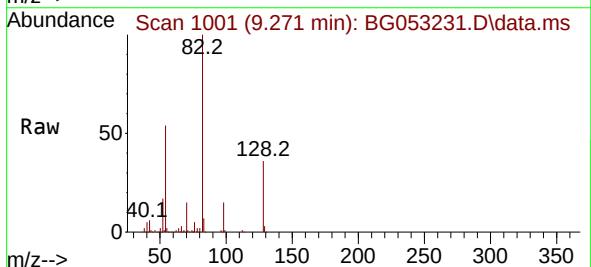
Instrument :
BNA_G
ClientSampleId :
SB-3145

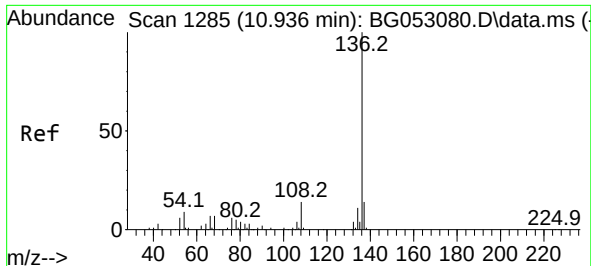
Tgt Ion: 99 Resp: 333413
Ion Ratio Lower Upper
99 100
42 21.4 14.7 22.1
71 44.4 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.159 ng
RT: 9.271 min Scan# 1001
Delta R.T. 0.344 min
Lab File: BG053231.D
Acq: 21 Apr 2022 1:02

Tgt Ion: 70 Resp: 34448
Ion Ratio Lower Upper
70 100
42 40.0 46.0 69.0#
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#

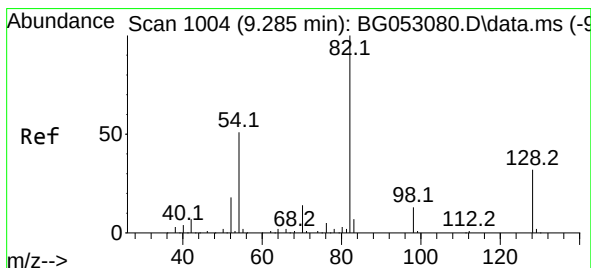
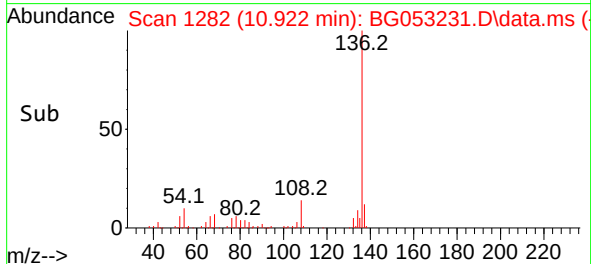
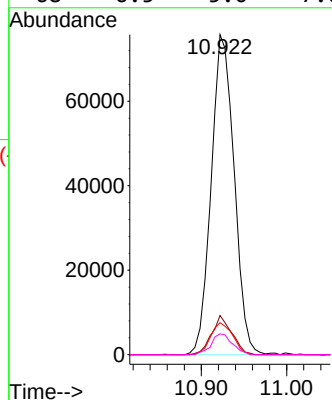
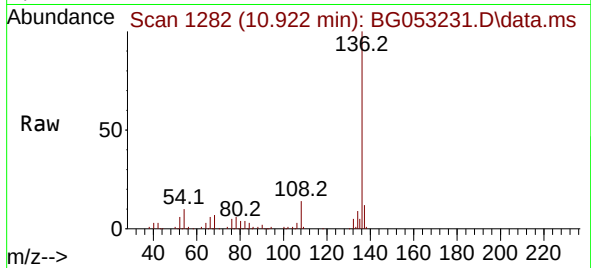




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG053231.D
Acq: 21 Apr 2022 1:02

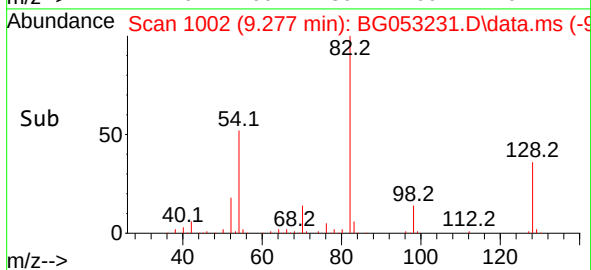
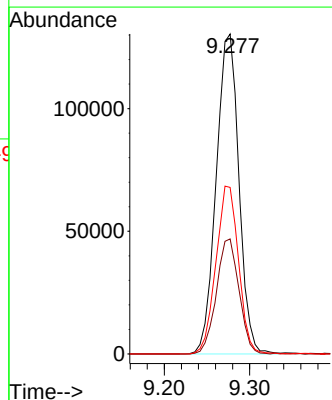
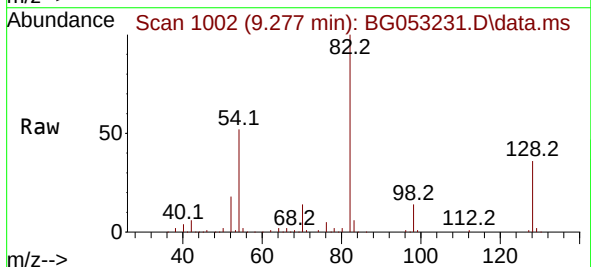
Instrument :
BNA_G
ClientSampleId :
SB-3145

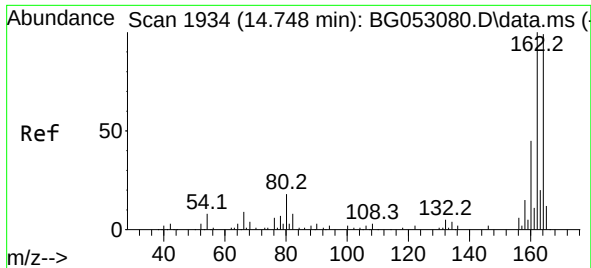
Tgt Ion:136 Resp: 141722
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.2
54 10.0 6.4 9.6#
68 6.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 68.990 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053231.D
Acq: 21 Apr 2022 1:02

Tgt Ion: 82 Resp: 240801
Ion Ratio Lower Upper
82 100
128 35.9 31.3 46.9
54 52.0 37.8 56.8

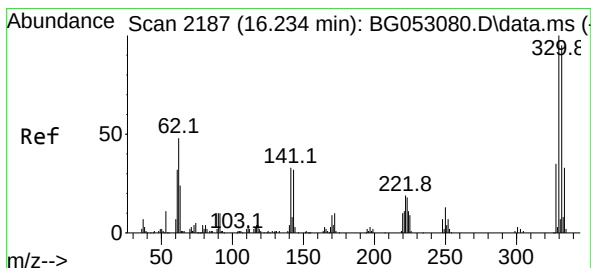
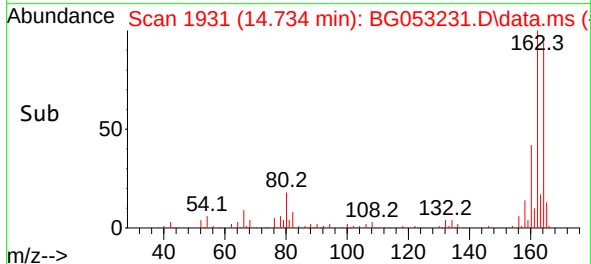
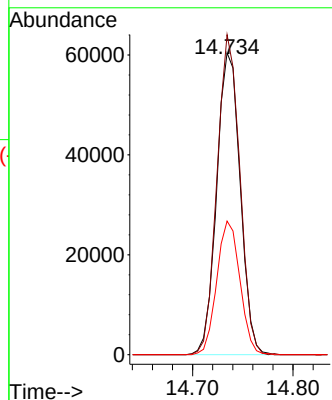
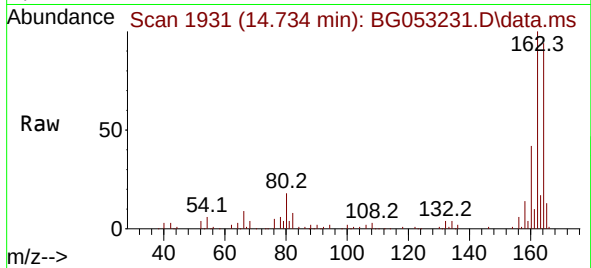




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.734 min Scan# 1931
 Delta R.T. -0.014 min
 Lab File: BG053231.D
 Acq: 21 Apr 2022 1:02

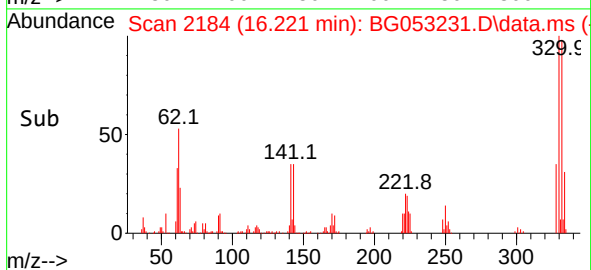
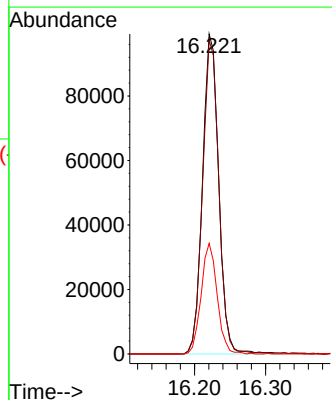
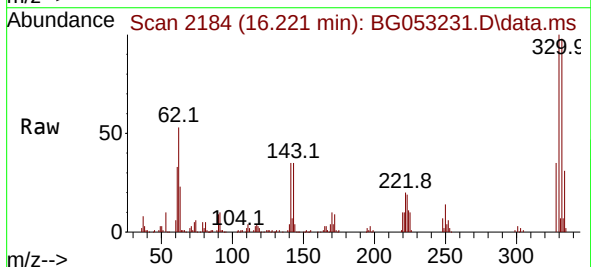
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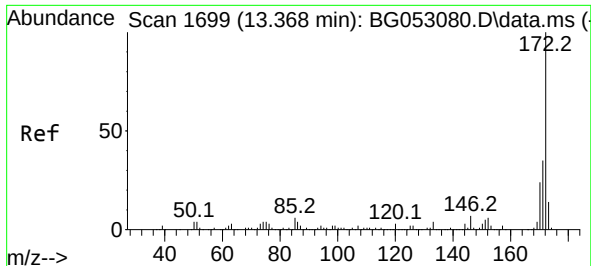
Tgt Ion:164 Resp: 98156
 Ion Ratio Lower Upper
 164 100
 162 106.0 80.0 120.0
 160 44.3 38.8 58.2



#42
 2,4,6-Tribromophenol
 Concen: 100.788 ng
 RT: 16.221 min Scan# 2184
 Delta R.T. -0.014 min
 Lab File: BG053231.D
 Acq: 21 Apr 2022 1:02

Tgt Ion:330 Resp: 157393
 Ion Ratio Lower Upper
 330 100
 332 98.1 75.8 113.6
 141 34.1 24.6 36.8

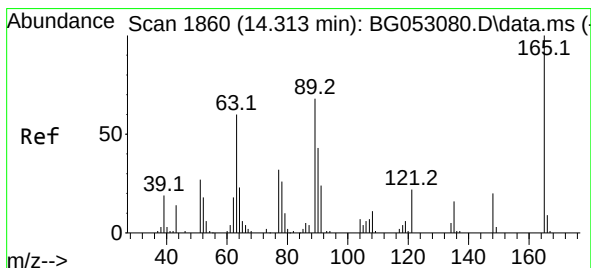
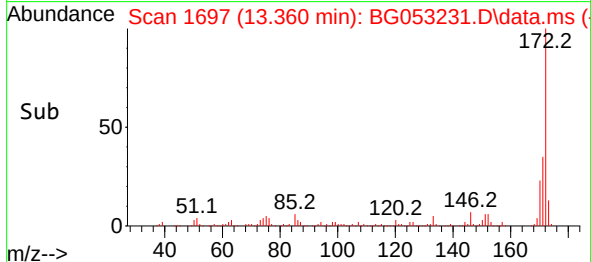
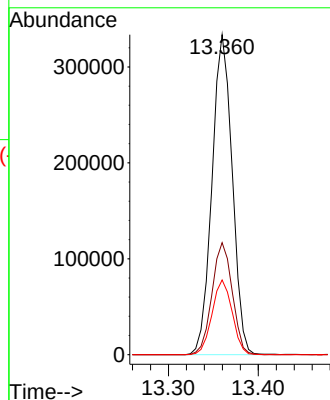
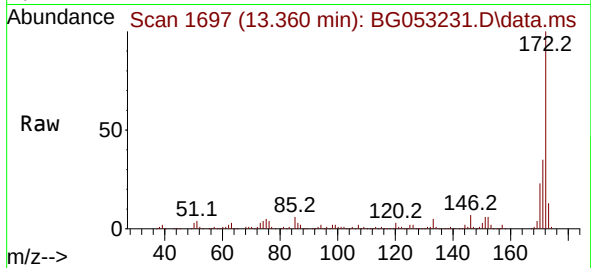




#45
2-Fluorobiphenyl
Concen: 73.270 ng
RT: 13.360 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053231.D
Acq: 21 Apr 2022 1:02

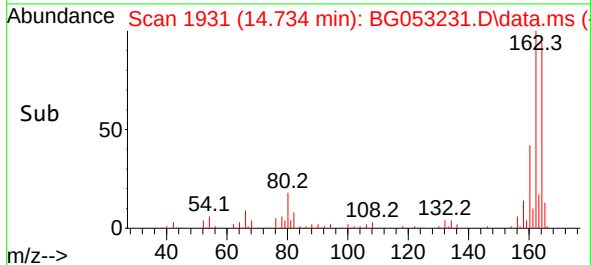
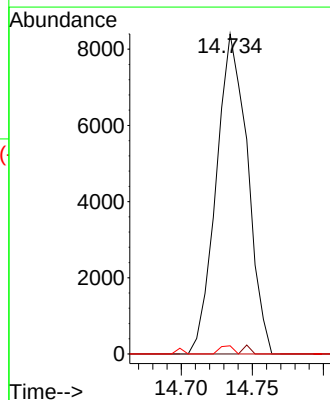
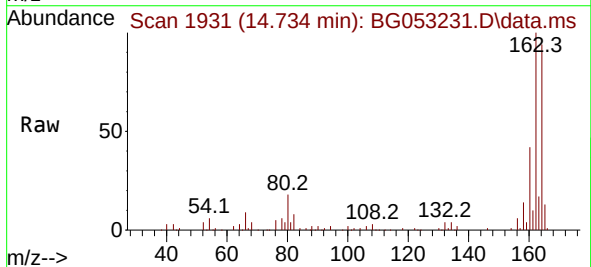
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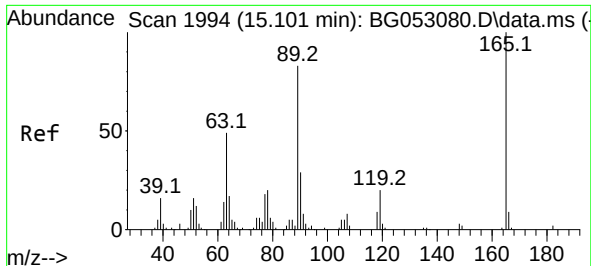
Tgt Ion:172 Resp: 521563
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.3 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.835 ng
RT: 14.734 min Scan# 1931
Delta R.T. 0.421 min
Lab File: BG053231.D
Acq: 21 Apr 2022 1:02

Tgt Ion:165 Resp: 12832
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.6 45.0 67.4#

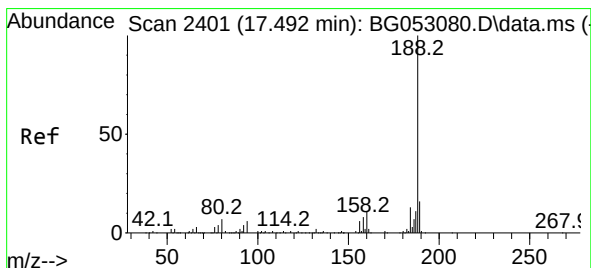
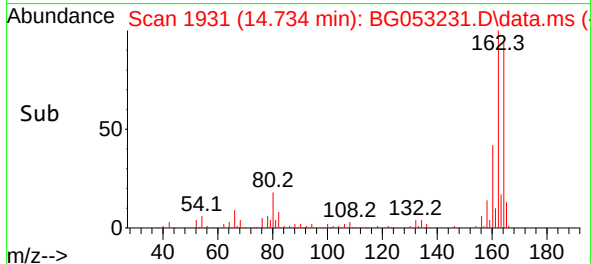
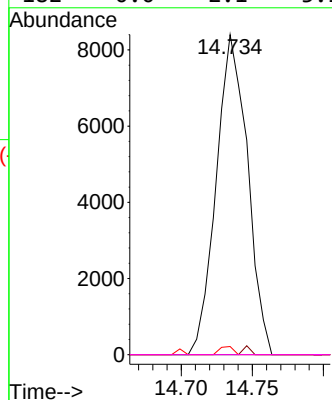
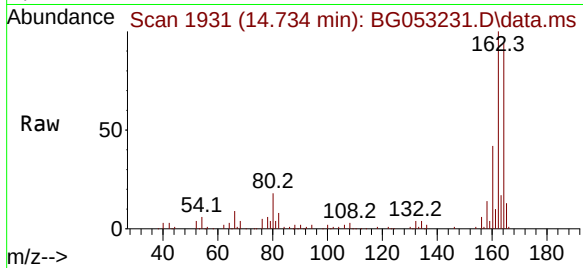




#57
2,4-Dinitrotoluene
Concen: 5.503 ng
RT: 14.734 min Scan# 1931
Delta R.T. -0.366 min
Lab File: BG053231.D
Acq: 21 Apr 2022 1:02

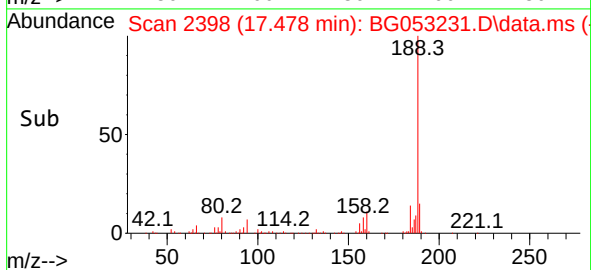
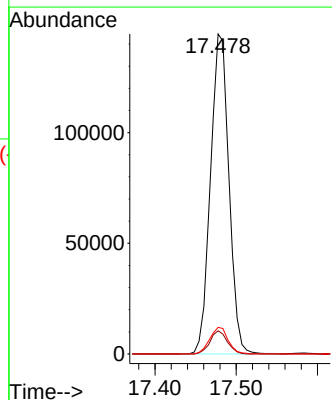
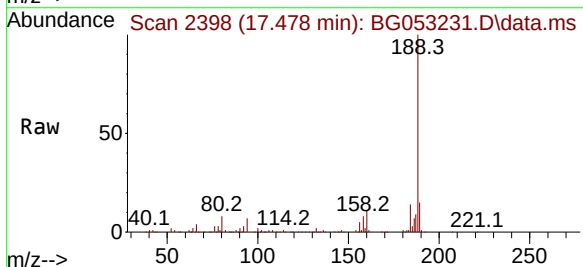
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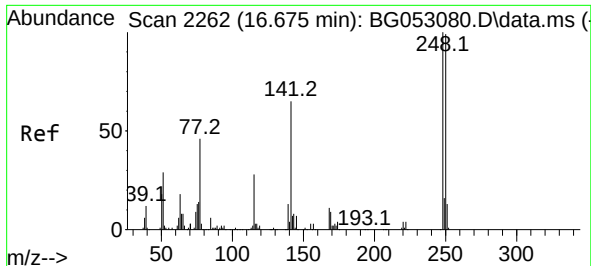
Tgt Ion:165 Resp: 12832
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.6 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.478 min Scan# 2398
Delta R.T. -0.014 min
Lab File: BG053231.D
Acq: 21 Apr 2022 1:02

Tgt Ion:188 Resp: 227467
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.3 7.2 10.8

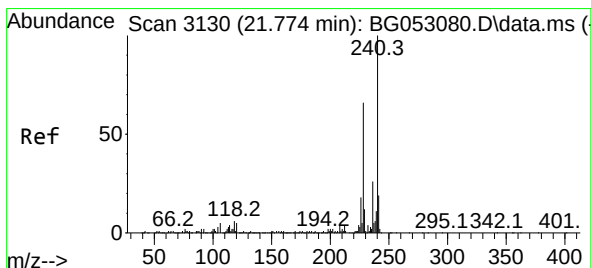
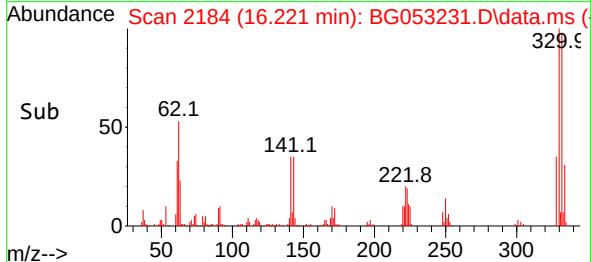
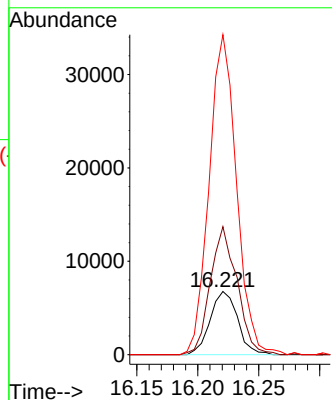
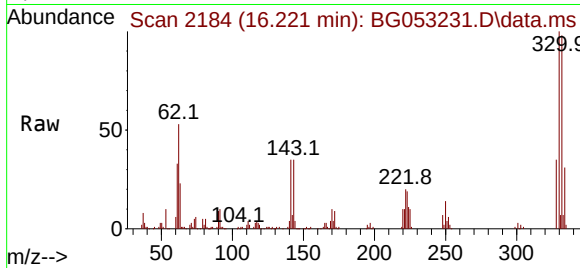




#67
4-Bromophenyl-phenylether
Concen: 3.644 ng
RT: 16.221 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG053231.D
Acq: 21 Apr 2022 1:02

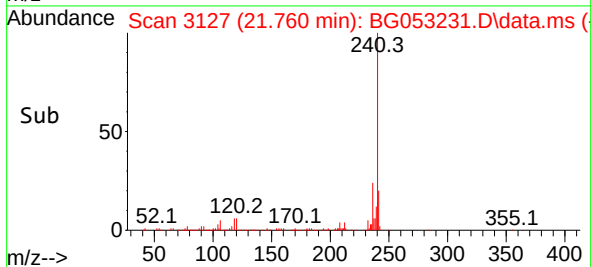
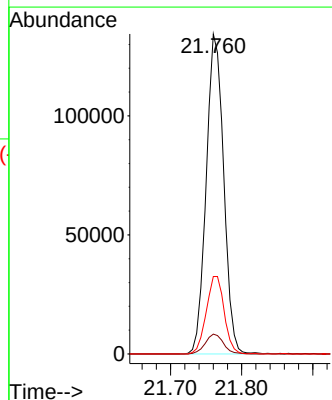
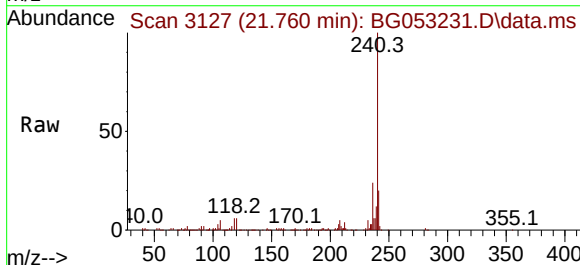
Instrument :
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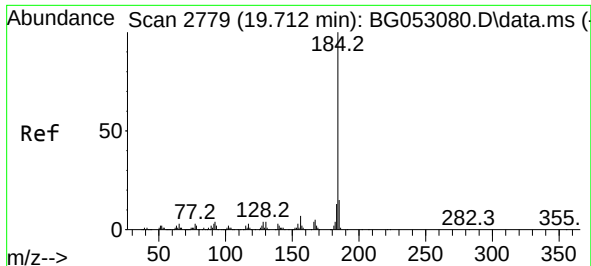
Tgt Ion:248 Resp: 10620
Ion Ratio Lower Upper
248 100
250 202.4 77.9 116.9#
141 506.1 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.760 min Scan# 3127
Delta R.T. -0.014 min
Lab File: BG053231.D
Acq: 21 Apr 2022 1:02

Tgt Ion:240 Resp: 230063
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 24.2 19.8 29.6

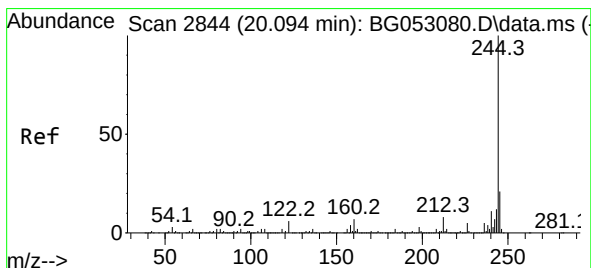
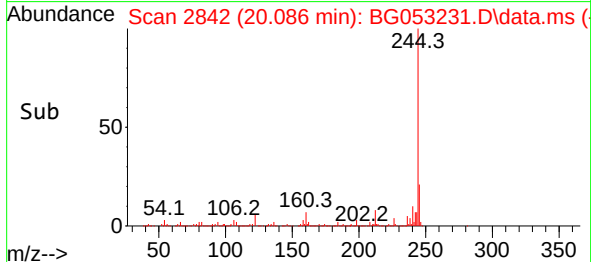
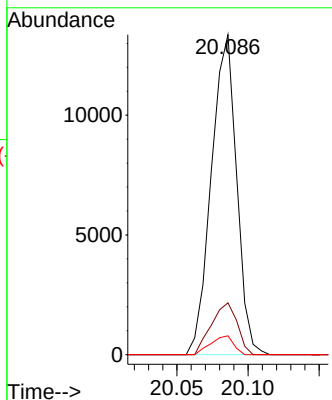
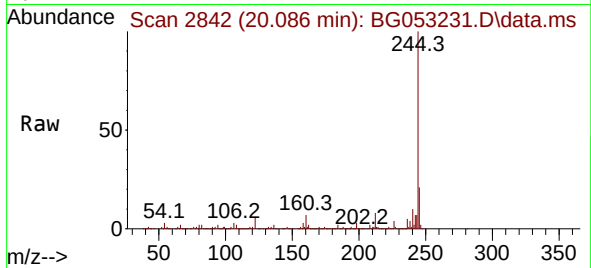




#77
Benzidine
Concen: 2.517 ng
RT: 20.086 min Scan# 2842
Delta R.T. 0.374 min
Lab File: BG053231.D
Acq: 21 Apr 2022 1:02

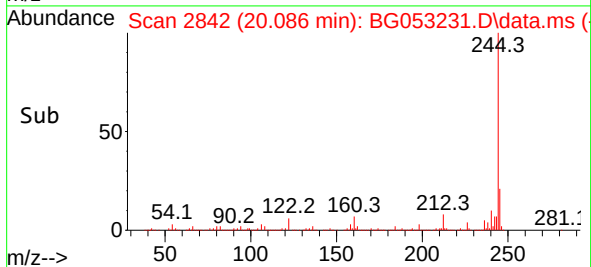
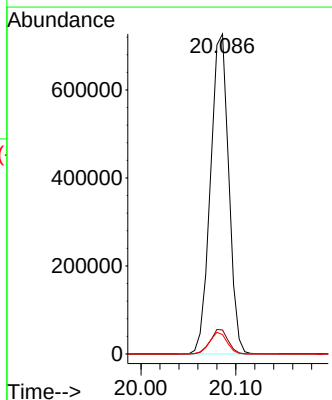
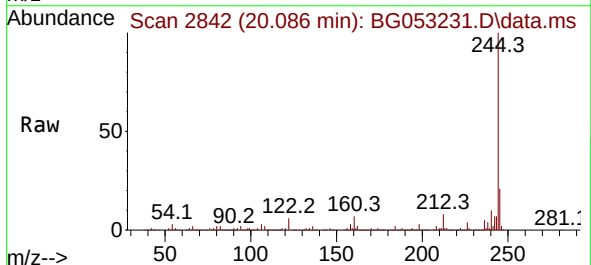
Instrument :
BNA_G
ClientSampleId :
SB-3145

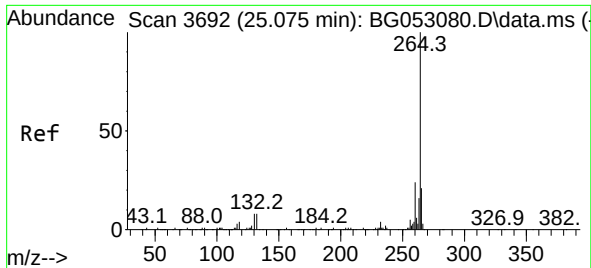
Tgt Ion:184 Resp: 16525
Ion Ratio Lower Upper
184 100
185 16.2 11.5 17.3
183 5.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 71.205 ng
RT: 20.086 min Scan# 2842
Delta R.T. -0.008 min
Lab File: BG053231.D
Acq: 21 Apr 2022 1:02

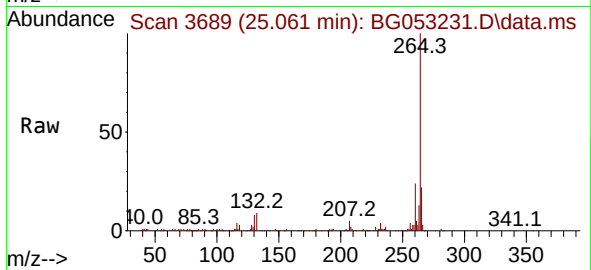
Tgt Ion:244 Resp: 969963
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.1 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.061 min Scan# 30
Delta R.T. -0.014 min
Lab File: BG053231.D
Acq: 21 Apr 2022 1:02

Instrument :
BNA_G
ClientSampleId :
SB-3145



Tgt Ion:	264	Resp:	232959
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.2	27.2
265	21.7	15.1	22.7

