

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053178.D
 Acq On : 18 Apr 2022 11:58
 Operator : CG/JU
 Sample : PB144120TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144120TB

Quant Time: Apr 19 04:20:22 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)

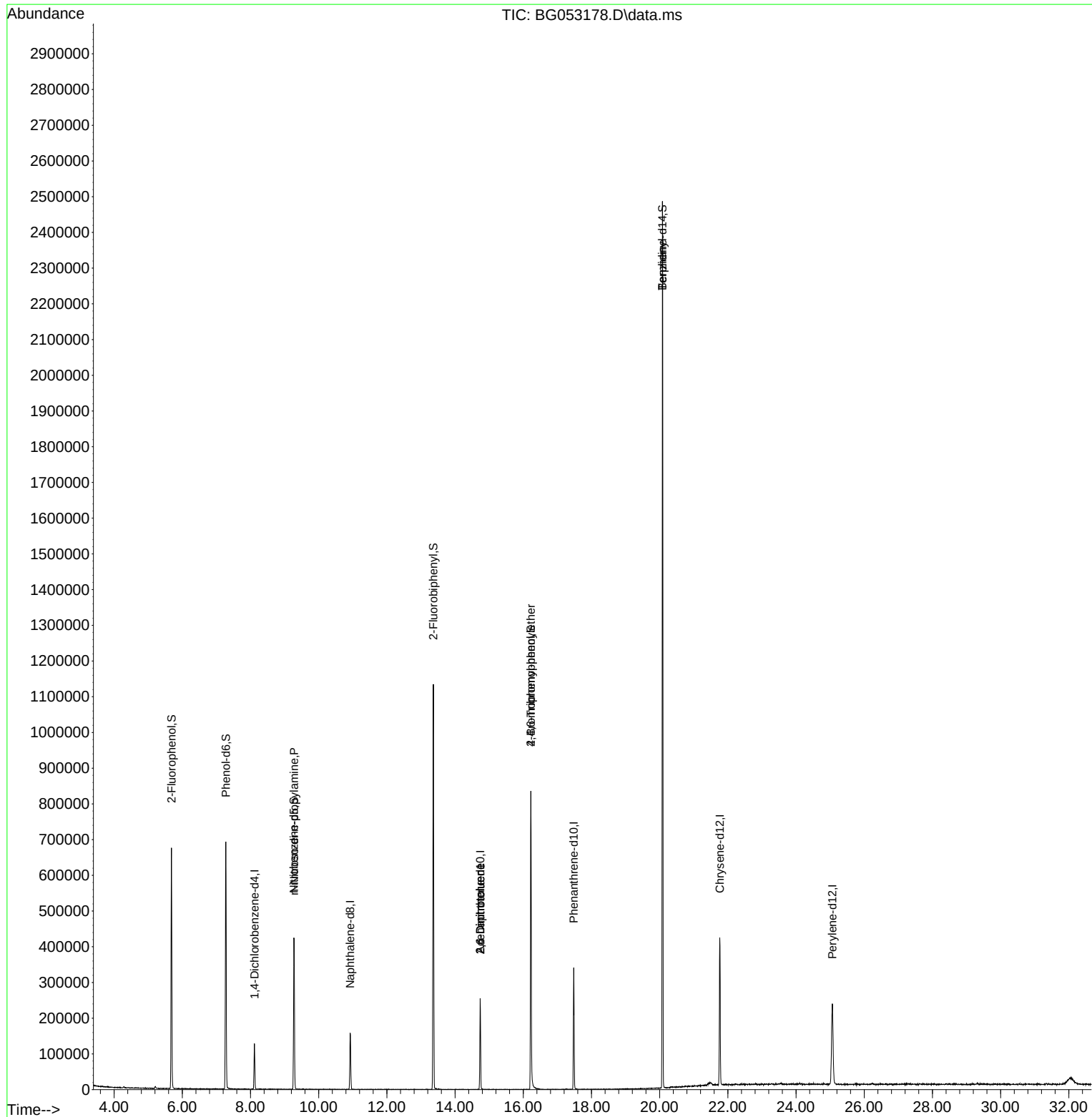
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	34100	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	134559	20.000	ng	-0.01
39) Acenaphthene-d10	14.737	164	94357	20.000	ng	-0.01
64) Phenanthrene-d10	17.480	188	225209	20.000	ng	-0.01
76) Chrysene-d12	21.763	240	282543	20.000	ng	-0.01
86) Perylene-d12	25.064	264	282849	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	277808	139.652	ng	0.00
7) Phenol-d6	7.276	99	387072	126.177	ng	0.00
23) Nitrobenzene-d5	9.274	82	276718	83.500	ng	-0.01
42) 2,4,6-Tribromophenol	16.223	330	182894	121.833	ng	-0.01
45) 2-Fluorobiphenyl	13.362	172	603824	88.241	ng	0.00
79) Terphenyl-d14	20.083	244	1323903	79.136	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.279	70	38887	17.315	ng	# 75
51) 2,6-Dinitrotoluene	14.737	165	12309	7.818	ng	# 25
57) 2,4-Dinitrotoluene	14.737	165	12309	5.491	ng	# 24
67) 4-Bromophenyl-phenylether	16.223	248	12313	4.267	ng	# 1
77) Benzidine	20.083	184	22639	2.808	ng	# 93

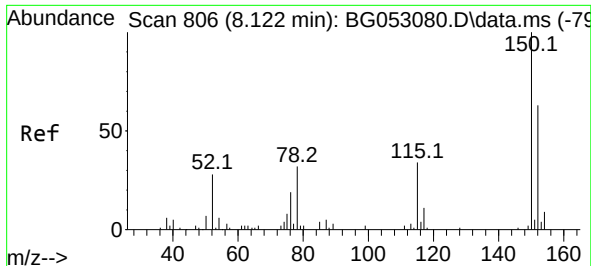
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 19 04:20:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

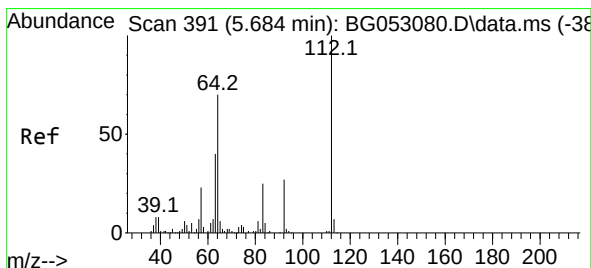
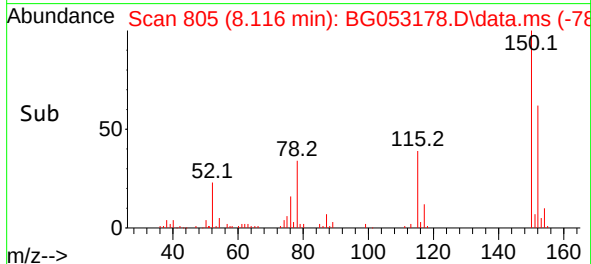
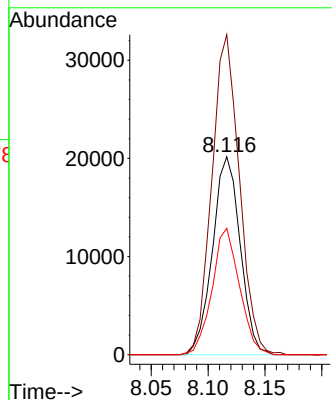
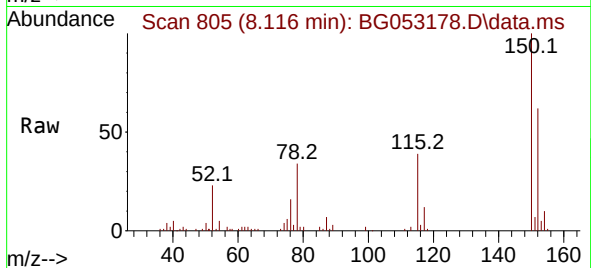




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

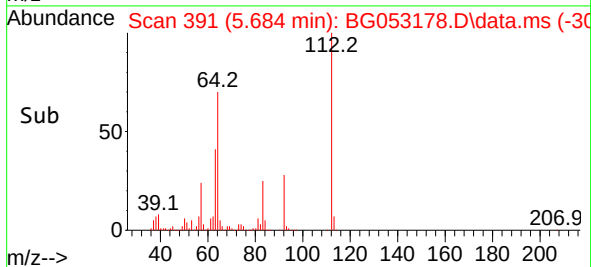
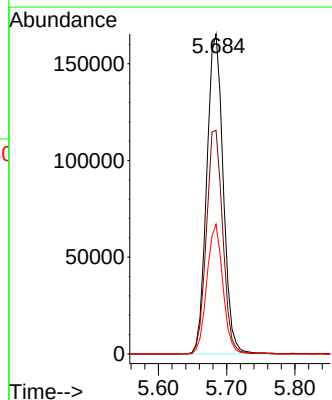
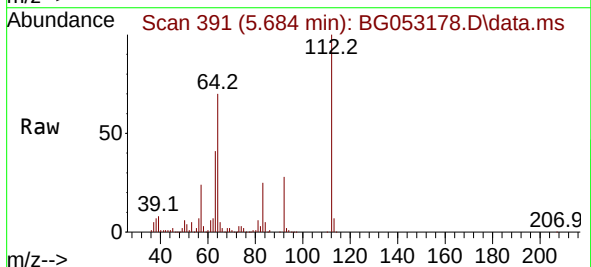
Instrument :
BNA_G
ClientSampleId :
PB144120TB

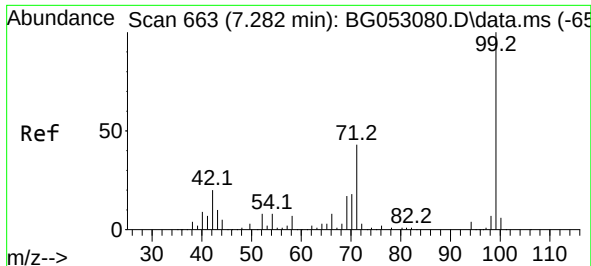
Tgt Ion:152 Resp: 34100
Ion Ratio Lower Upper
152 100
150 161.7 114.6 172.0
115 63.8 45.9 68.9



#5
2-Fluorophenol
Concen: 139.652 ng
RT: 5.684 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

Tgt Ion:112 Resp: 277808
Ion Ratio Lower Upper
112 100
64 69.9 48.0 72.0
63 40.6 26.5 39.7#

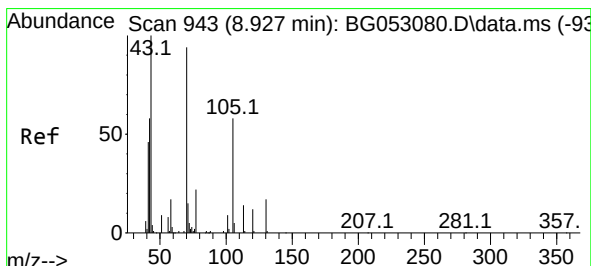
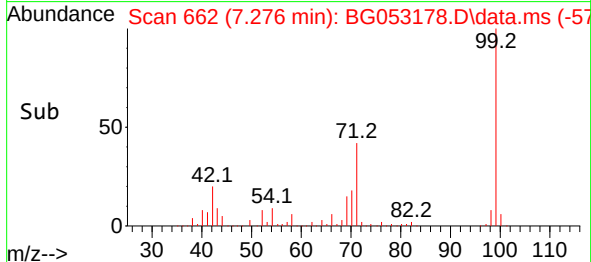
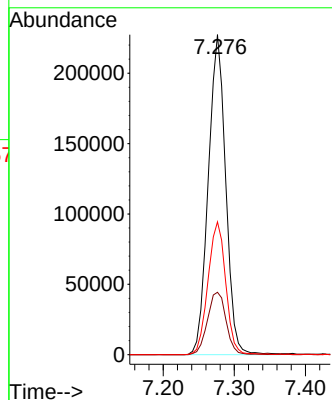
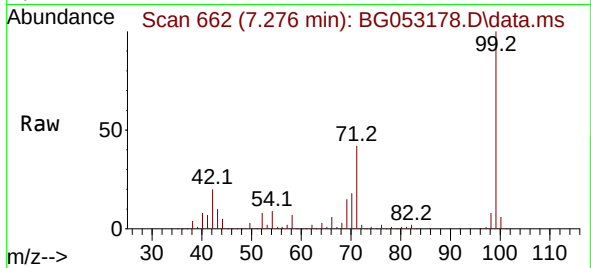




#7
Phenol-d6
Concen: 126.177 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

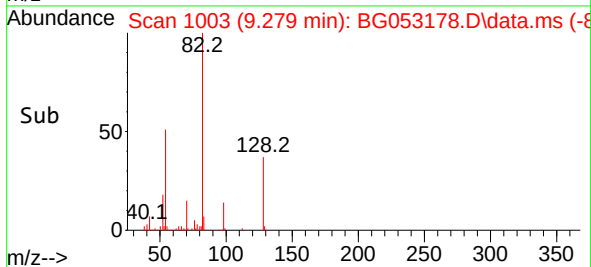
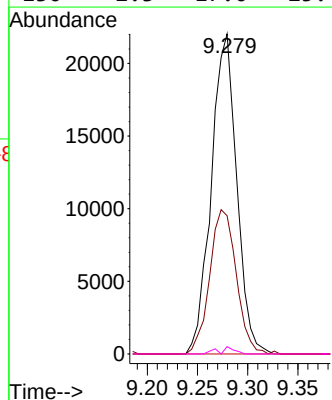
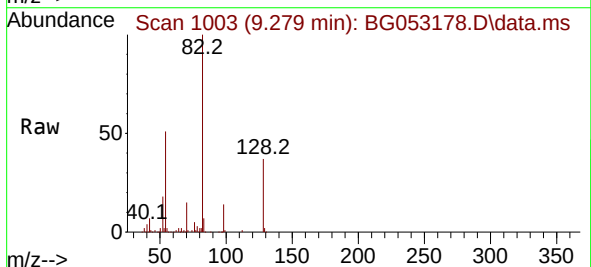
Instrument :
BNA_G
ClientSampleId :
PB144120TB

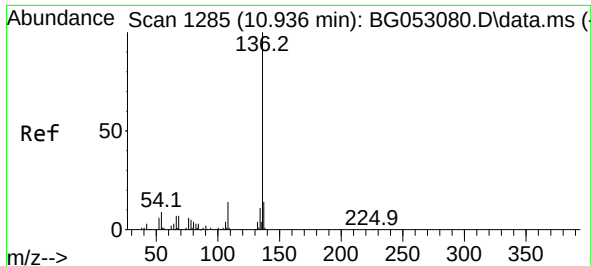
Tgt Ion: 99 Resp: 387072
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 41.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.315 ng
RT: 9.279 min Scan# 1003
Delta R.T. 0.353 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

Tgt Ion: 70 Resp: 38887
Ion Ratio Lower Upper
70 100
42 43.2 46.0 69.0#
101 0.0 6.2 9.4#
130 2.3 17.0 25.4#

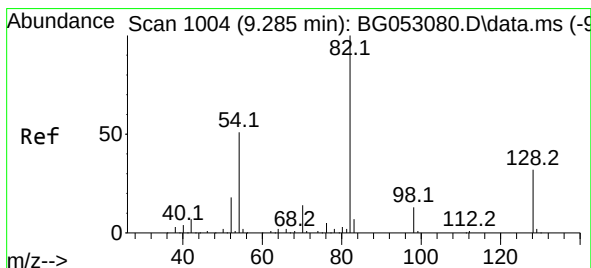
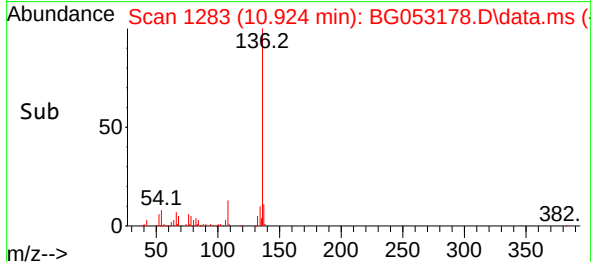
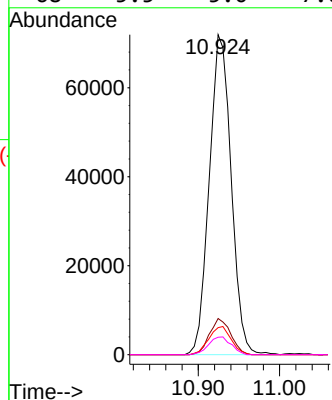
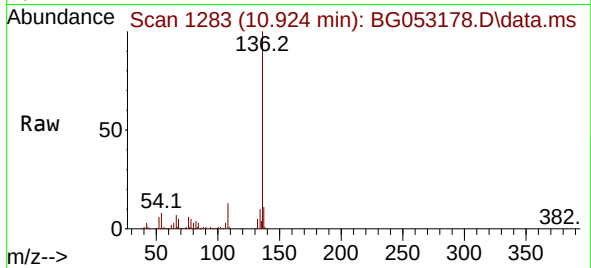




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

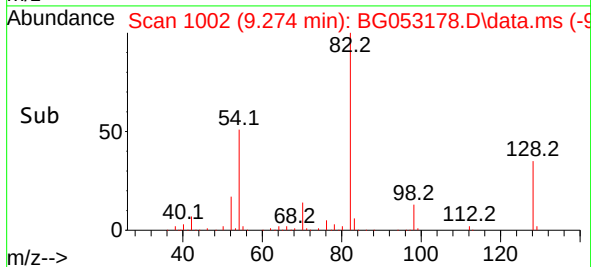
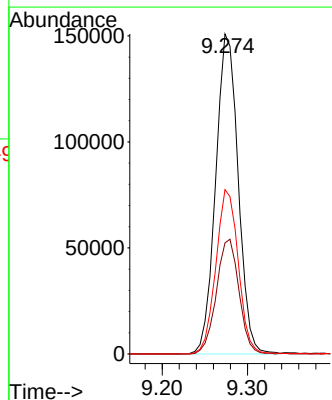
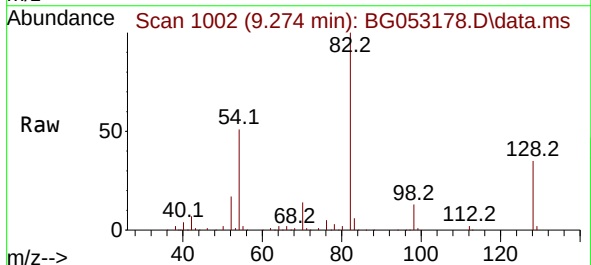
Instrument :
BNA_G
ClientSampleId :
PB144120TB

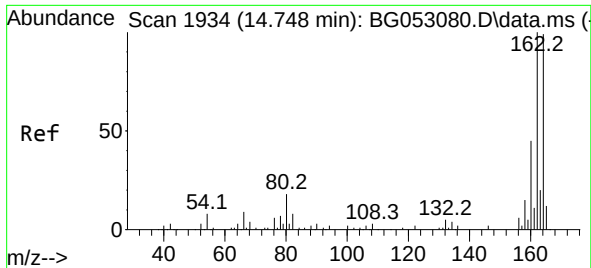
Tgt Ion:	136	Resp:	134559
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.4	14.2
54	8.5	6.4	9.6
68	5.5	5.0	7.6



#23
Nitrobenzene-d5
Concen: 83.500 ng
RT: 9.274 min Scan# 1002
Delta R.T. -0.011 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

Tgt Ion:	82	Resp:	276718
Ion Ratio	Lower	Upper	
82	100		
128	34.7	31.3	46.9
54	51.3	37.8	56.8

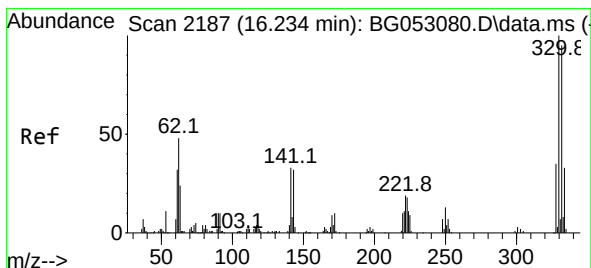
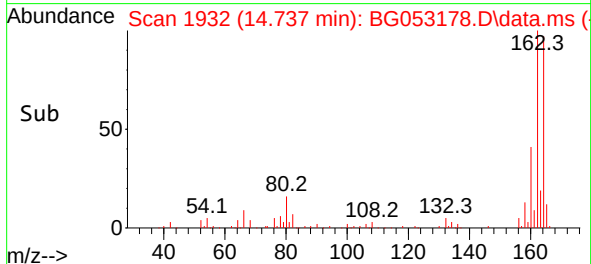
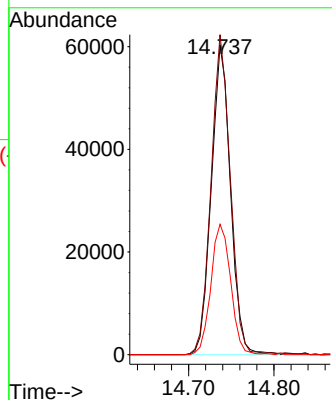
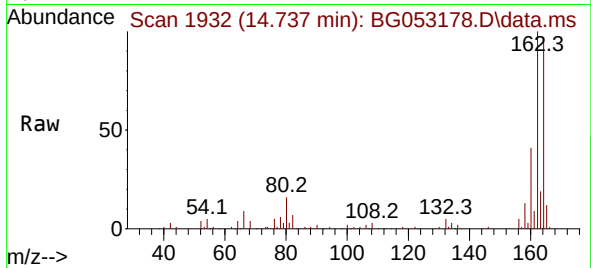




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1934
Delta R.T. -0.011 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

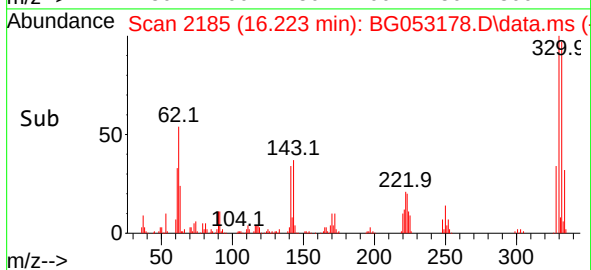
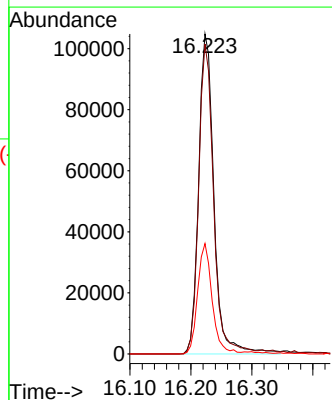
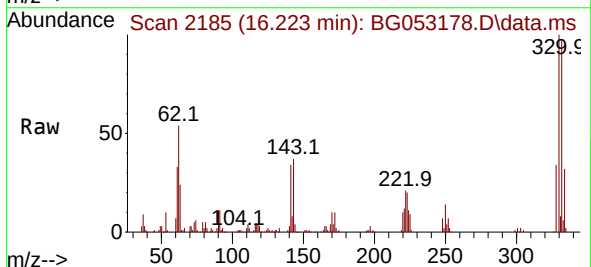
Instrument :
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ClientSampleId :
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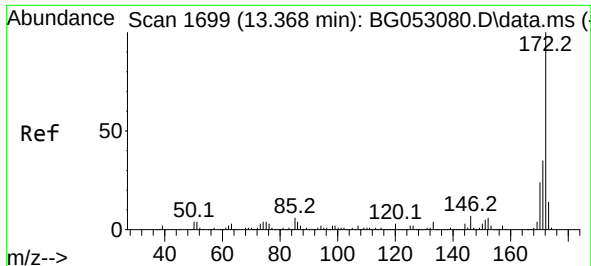
Tgt Ion:164 Resp: 94357
Ion Ratio Lower Upper
164 100
162 103.4 80.0 120.0
160 42.1 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 121.833 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.011 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

Tgt Ion:330 Resp: 182894
Ion Ratio Lower Upper
330 100
332 94.0 75.8 113.6
141 32.6 24.6 36.8

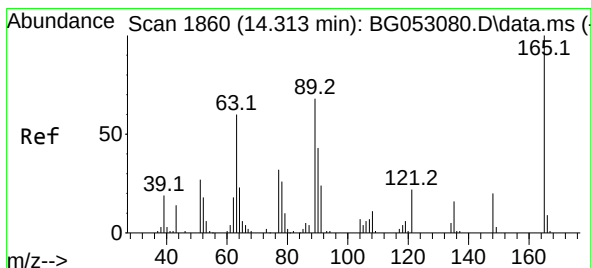
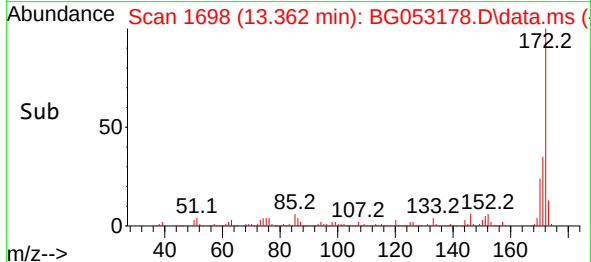
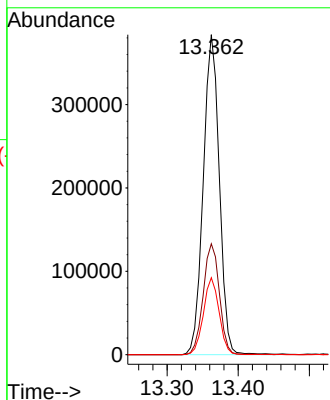
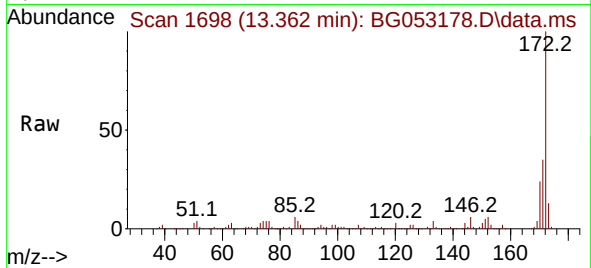




#45
2-Fluorobiphenyl
Concen: 88.241 ng
RT: 13.362 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

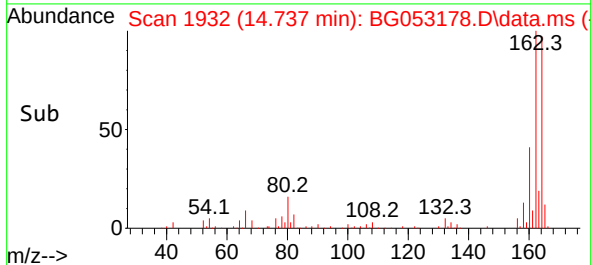
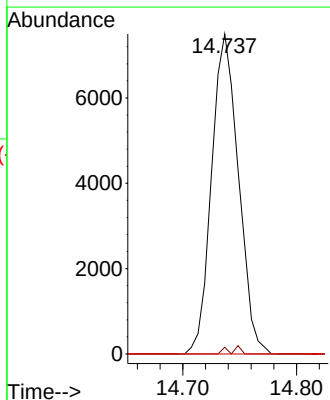
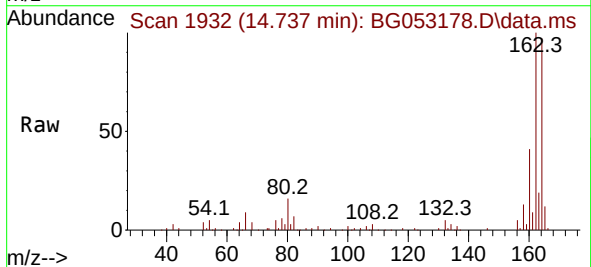
Instrument :
BNA_G
ClientSampleId :
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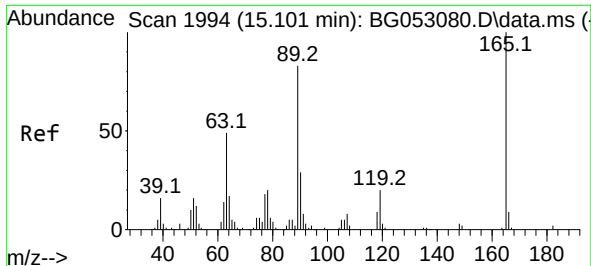
Tgt Ion:172 Resp: 603824
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 24.0 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.818 ng
RT: 14.737 min Scan# 1932
Delta R.T. 0.423 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

Tgt Ion:165 Resp: 12309
Ion Ratio Lower Upper
165 100
63 2.1 43.7 65.5#
89 0.0 45.0 67.4#

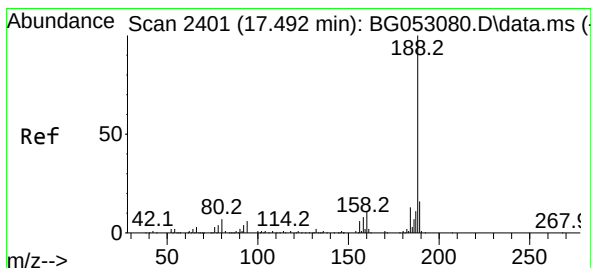
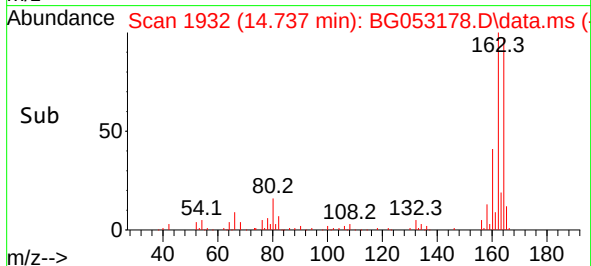
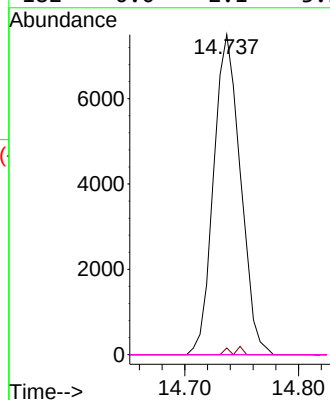
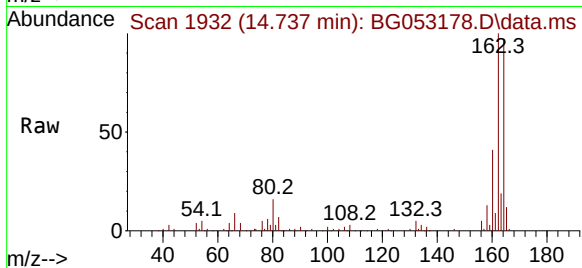




#57
2,4-Dinitrotoluene
Concen: 5.491 ng
RT: 14.737 min Scan# 1994
Delta R.T. -0.364 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

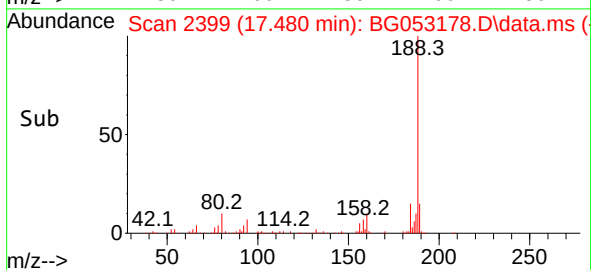
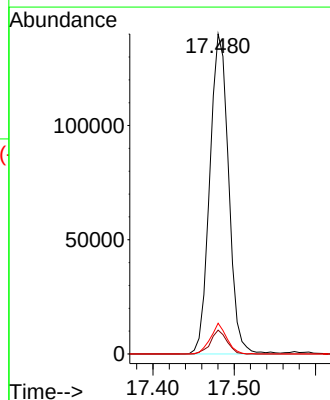
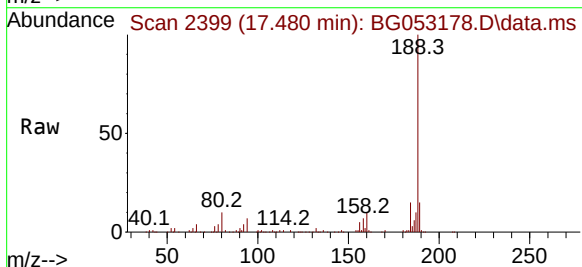
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ClientSampleId :
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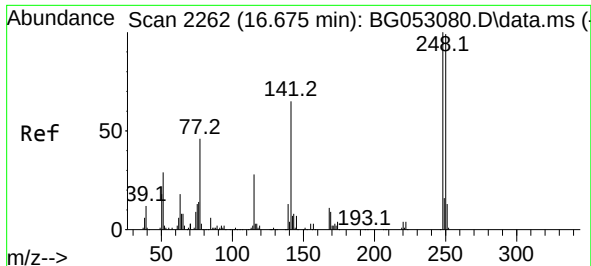
Tgt Ion:	165	Resp:	12309
Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.8	52.2#
89	0.0	57.4	86.0#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.011 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

Tgt Ion:	188	Resp:	225209
Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.7	8.5
80	9.6	7.2	10.8

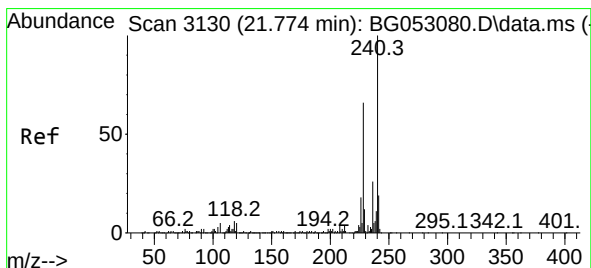
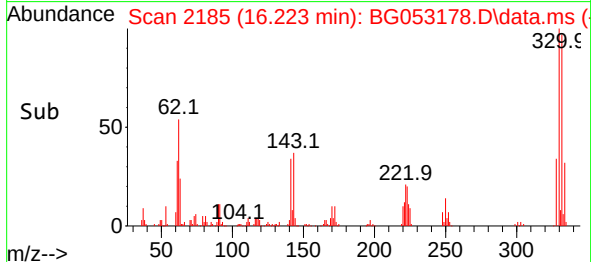
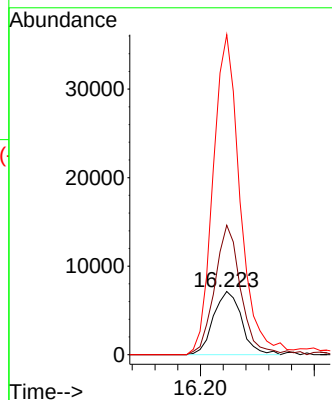
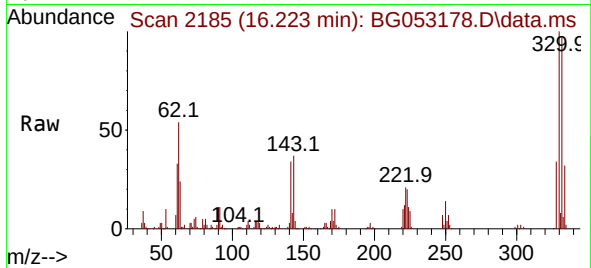




#67
4-Bromophenyl-phenylether
Concen: 4.267 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.452 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

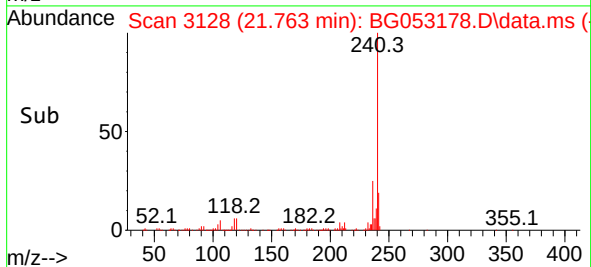
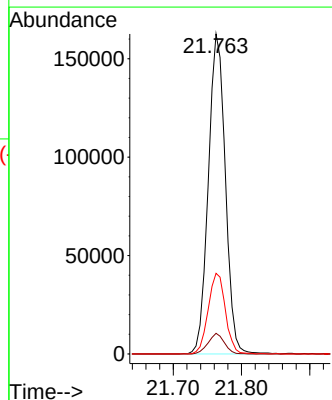
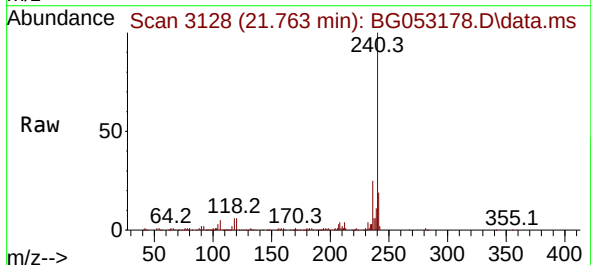
Instrument :
BNA_G
ClientSampleId :
PB144120TB

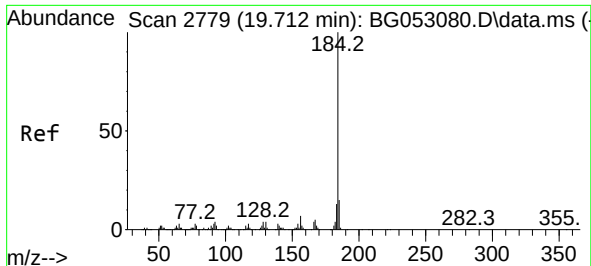
Tgt Ion:248 Resp: 12313
Ion Ratio Lower Upper
248 100
250 204.8 77.9 116.9#
141 506.1 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

Tgt Ion:240 Resp: 282543
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 25.2 19.8 29.6

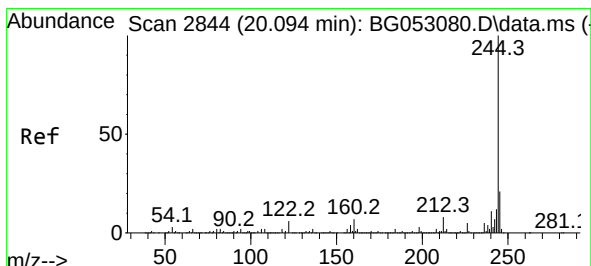
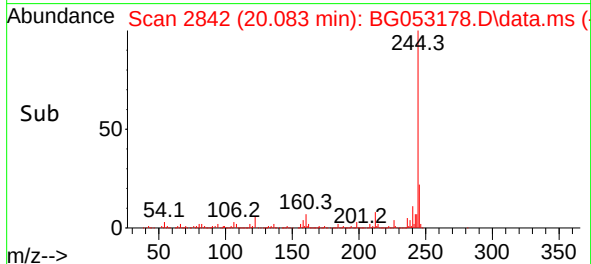
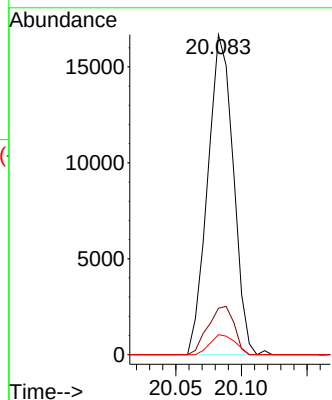
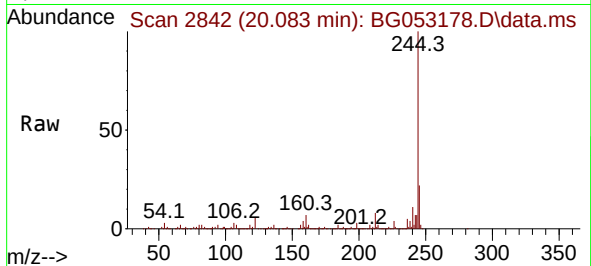




#77
Benzidine
Concen: 2.808 ng
RT: 20.083 min Scan# 2842
Delta R.T. 0.370 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

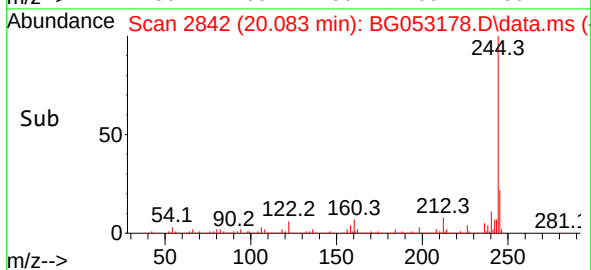
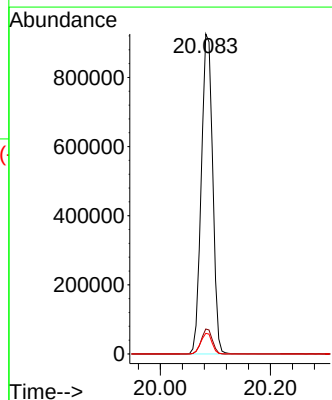
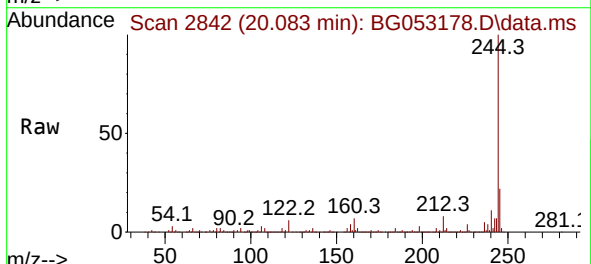
Instrument :
BNA_G
ClientSampleId :
PB144120TB

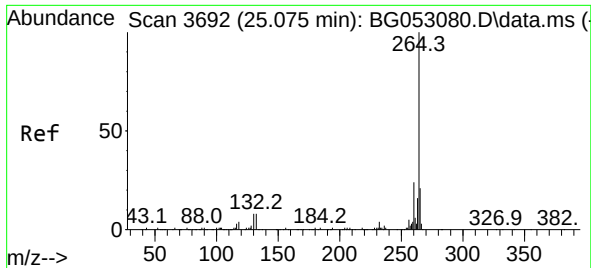
Tgt Ion:184 Resp: 22639
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 79.136 ng
RT: 20.083 min Scan# 2842
Delta R.T. -0.011 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

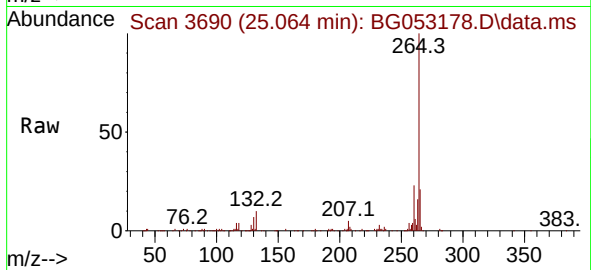
Tgt Ion:244 Resp: 1323903
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.064 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG053178.D
 Acq: 18 Apr 2022 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB144120TB



Tgt Ion:264 Resp: 282849
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 21.2 15.1 22.7

